

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 on
 Boom No. B10:82A
 184,600 lb Crane Counterweight
 44,000 lb Carbody Counterweight
 360 Degree Rating

MLC250 SERIES 2



LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing jib operating radii are for freely suspended loads and may be based on percent of static tipping or strength of structural components. Capacities must be reduced by applicable deducts.

Upper luffing jib point capacity for liftcrane service with single part whip line from Drum 2 is 29,500 lb or 59,000 lb with two part whip line. When Drum 3 is used, capacity with single part whip line is 20,000 lb or 40,000 lb with two part whip line. In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib capacity.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and luffing jib point sheaves is considered part of load. Boom and luffing jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Operation is only approved for boom and luffing jib angle range shown in capacity chart.

LUFFING JIB BACKWARD STABILITY: Capacities indicated by (b) require 4,000 lb minimum weight suspended beneath luffing jib point. Capacities indicated by (c) require 7,000 lb minimum weight suspended beneath luffing jib point. Capacities indicated by (d) require 10,000 lb minimum weight suspended beneath luffing jib point. **Caution: Do not luff into areas indicated by (b), (c), or (d) without required minimum weights.** Luffing jib may not luff down and luffing jib hoist wire rope may go slack. Luffing jib hoist wire rope may overhaul jib and cause wire rope damage or failure.

OPERATING CONDITIONS: Machine to operate on a firm, level, and uniformly supporting surface. Supporting surface and bearing turntable are to be level within a tolerance of 1/2 in. in 10 ft. Refer to Boom Rigging No. 80137888, Luffing Jib Rigging No. 80138075, Wire Rope Specification chart No. 9931-A, Counterweight Arrangements chart No. 9893-A, Luffing Jib Raising Procedure chart No. 9928-A, and Wind Conditions chart No. 9930-A. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to the Operator Manual for operating guidelines.

Manitowoc Cranes
 Manitowoc, Wisconsin 54220 U.S.A.

MACHINE TRAVEL: Machine to travel on a firm, level, and uniformly supporting surface. Boom and luffing jib must be within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specifications chart No. 9929-A.



OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle and luffing jib angle are an indication of operating radius. In all cases, operating radius shall govern capacity.



BOOM ANGLE: Boom angle in degrees ($^{\circ}$) is angle between horizontal and centerline of boom butt and inserts.



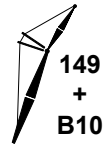
LUFFING JIB ANGLE: Luffing jib angle in degrees ($^{\circ}$) is angle between horizontal and centerline of luffing jib butt and inserts.



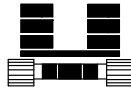
LUFFING JIB POINT ELEVATION: Luffing jib point elevation is vertical distance from ground level to centerline of luffing jib point shaft.

MACHINE EQUIPMENT: Machine equipped with 28 ft 2 in. crawlers, 48 in. or 60 in. treads, 10 ft 3 in. retractable gantry, 30 ft live mast, 20 part boom hoist reeving, boom support straps, 9 part luffing jib hoist reeving, two 1-1/2 in. luffing jib pendant backstays, and luffing jib support straps.

Explanation of Symbols



Luffing Jib No. 149
+
Boom No. B10:82A



Crane Counterweight
+
Carbody Counterweight



360 Degree Rating



Boom Length



Luffing Jib Length



Boom Angle
(see page 1)



Operating Radius
(see page 1)



Luffing Jib Angle
(see page 1)



Luffing Jib Point Elevation
(see page 1)



Lifting Capacities
(see page 1)

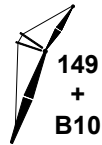


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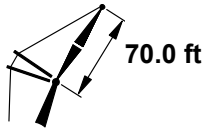
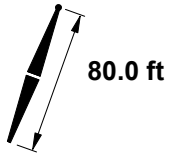
REFERENCE ONLY!

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



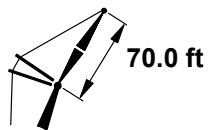
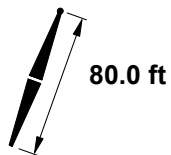
	88°			86°			83°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
30	74.5	155.2	158,000 d							30
32	72.8	154.5	158,000 d							32
34	71.1	153.8	158,000 d	73.5	154.6	158,000 d				34
36	69.3	153.1	158,000 d	71.7	153.9	158,000 d				36
38	67.5	152.2	157,800 c	70.0	153.2	158,000 d				38
40	65.7	151.3	151,500 b	68.2	152.4	158,000 c				40
41	64.8	150.8	148,700 b	67.3	151.9	155,300 c	71.0	153.1	158,000 d	41
45	61.1	148.7	137,600 b	63.7	150.0	144,900 b	67.5	151.5	145,700 c	45
49	57.2	146.2	128,200 b	59.9	147.7	132,300 b	63.8	149.5	130,400 c	49
50	56.3	145.5	125,900	59.0	147.2	129,100 b	62.9	149.1	126,600 b	50
55	51.1	141.7	114,600	54.0	143.7	114,000	58.2	146.1	111,700 b	55
60	45.5	137.1	101,800	48.7	139.6	101,800	53.2	142.6	99,800	60
61	44.3	136.0	99,700	47.5	138.6	99,800	52.1	141.7	97,800	61
65	39.3	131.4	91,400	42.9	134.5	91,900	47.8	138.3	90,000	65
70	32.1	124.2	82,800	36.3	128.2	83,500	41.8	133.0	81,900	70
73	26.6	118.2	76,900	31.6	123.3	79,300	37.8	129.1	77,700	73
75	23.0	114.2	72,900	28.4	120.0	76,400	35.1	126.5	74,900	75
80	3.3	90.8	50,000	17.4	107.6	66,700	26.9	117.8	69,000	80
82				9.9	98.6	57,800	22.0	112.3	66,800	82
84							17.2	106.7	64,700	84
85							14.8	103.9	63,700	85
86							10.7	99.1	61,200	86
90										90
91										91
95										95
97										97
100										100
104										104
105										105
110										110

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



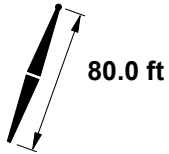
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
30													30
32													32
34													34
36													36
38													38
40													40
41													41
45													45
49	67.6	150.8	127,400 c										49
50	66.7	150.4	124,000 c										50
55	62.1	147.8	109,400 b										55
60	57.3	144.8	97,800										60
61	56.3	144.1	95,900	62.8	146.6	92,400 b							61
65	52.2	141.1	88,200	59.0	144.2	85,200 b							65
70	46.8	136.7	80,200	54.1	140.8	77,500							70
73	43.1	133.4	76,100	50.9	138.3	73,500	57.7	141.1	70,800 b				73
75	40.7	131.3	73,400	48.8	136.7	70,900	55.7	139.7	68,400				75
80	33.8	124.4	67,600	42.9	131.6	65,300	50.5	135.8	63,000				80
82	30.4	120.7	65,500	40.3	129.1	63,300	48.2	133.9	61,100				82
84	26.9	117.0	63,500	37.7	126.6	61,400	46.0	132.0	59,200	53.0	134.9	57,000	84
85	25.2	115.2	62,500	36.4	125.4	60,400	44.9	131.1	58,200	52.0	134.1	56,100	85
86	22.4	112.0	61,600	34.8	123.7	59,500	43.6	129.9	57,400	50.9	133.2	55,300	86
90	11.3	99.1	57,900	28.5	117.2	56,000	38.6	125.2	54,100	46.5	129.6	52,100	90
91	4.4	90.7	56,900	26.3	114.7	55,300	37.1	123.7	53,400	45.3	128.5	51,400	91
95				17.6	104.8	52,200	31.2	117.8	50,400	40.4	124.1	48,600	95
97				10.2	96.0	50,700	27.4	113.6	49,100	37.6	121.3	47,300	97
100							21.7	107.3	47,100	33.4	117.2	45,400	100
104							7.8	90.8	44,500	26.4	109.7	43,100	104
105										24.7	107.8	42,500	105
110										10.1	90.7	39,800	110

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



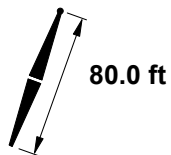
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31	75.7	165.3	158,000 d							31
32	75.0	165.0	158,000 d							32
34	73.5	164.4	158,000 d							34
36	72.0	163.7	158,000 d							36
37	71.2	163.4	155,700 d	73.3	164.1	158,000 d				37
38	70.5	163.0	153,400 c	72.6	163.8	158,000 d				38
40	68.9	162.2	147,500 b	71.1	163.1	155,500 c				40
45	65.0	160.0	134,300 b	67.2	161.1	141,500 b	70.4	162.3	145,300 c	45
50	61.0	157.4	123,000	63.2	158.7	128,800 b	66.6	160.2	126,200 b	50
53	58.4	155.5	117,200	60.8	157.0	119,700 b	64.2	158.7	117,300 b	53
55	56.7	154.2	113,400	59.1	155.8	113,700	62.6	157.7	111,300	55
60	52.3	150.6	101,500	54.8	152.5	101,500	58.4	154.8	99,400	60
65	47.5	146.2	91,100	50.2	148.5	91,600	54.1	151.3	89,700	65
66	46.5	145.2	89,300	49.2	147.6	89,900	53.1	150.5	88,100	66
70	42.4	141.0	82,400	45.3	143.8	83,300	49.4	147.2	81,600	70
75	36.6	134.8	75,100	39.9	138.2	76,300	44.5	142.4	74,700	75
78	32.6	130.0	71,400	36.3	134.1	72,600	41.2	138.9	71,100	78
80	30.0	126.9	68,900	33.8	131.3	70,200	39.0	136.6	68,800	80
85	21.4	116.0	61,400	26.5	122.4	64,900	32.7	129.5	63,600	85
90	3.0	90.9	43,000	16.2	108.9	56,600	25.1	120.0	59,000	90
92				9.2	99.4	49,500	20.5	114.0	57,400	92
95							13.7	105.1	54,900	95
96							10.0	99.9	52,300	96
100										100
101										101
105										105
107										107
110										110
114										114
115										115
120										120

MLC250 S-2

ASME B30.5



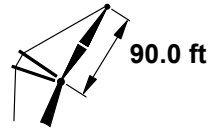
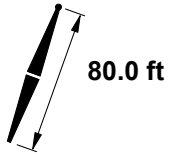
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
31													31
32													32
34													34
36													36
37													37
38													38
40													40
45													45
50													50
53	67.4	160.0	114,400 b										53
55	65.9	159.1	109,000 b										55
60	61.8	156.5	97,400										60
65	57.7	153.5	87,800										65
66	56.8	152.8	86,200	62.5	155.2	83,000							66
70	53.3	149.9	79,800	59.2	152.9	77,000							70
75	48.6	145.7	73,100	54.8	149.5	70,500							75
78	45.6	142.7	69,600	52.1	147.2	67,100	58.0	149.7	64,500				78
80	43.5	140.7	67,300	50.3	145.6	64,900	56.3	148.4	62,500				80
85	37.9	134.7	62,200	45.4	140.9	60,000	51.8	144.6	57,800				85
90	31.5	127.3	57,800	40.0	135.3	55,700	47.0	140.2	53,700	53.0	142.9	51,600	90
92	28.3	123.3	56,200	37.6	132.5	54,200	44.9	138.1	52,200	51.1	141.2	50,200	92
95	23.5	117.3	53,800	33.9	128.4	51,900	41.8	134.9	50,000	48.3	138.6	48,100	95
96	20.9	113.8	53,100	32.4	126.6	51,300	40.6	133.6	49,400	47.3	137.6	47,500	96
100	10.5	99.9	50,200	26.6	119.5	48,500	36.0	128.5	46,800	43.3	133.6	45,000	100
101	4.0	90.9	49,300	24.5	116.9	47,900	34.6	126.9	46,200	42.1	132.4	44,400	101
105				16.4	106.2	45,400	29.1	120.4	43,800	37.6	127.6	42,200	105
107				9.5	96.8	44,200	25.5	115.8	42,700	35.0	124.5	41,100	107
110							20.2	109.0	41,100	31.1	120.0	39,600	110
114							7.3	91.4	39,000	24.6	111.8	37,700	114
115										23.0	109.8	37,200	115
120										9.3	91.4	35,000	120

MLC250 S-2

ASME B30.5



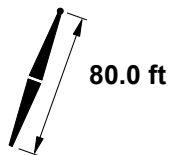
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36	74.1	174.2	154,000 d						36	
38	72.7	173.6	148,900 c						38	
39	72.1	173.3	146,300 c	73.9	174.0	153,400 d			39	
40	71.4	172.9	143,700 b	73.3	173.6	150,800 c			40	
45	68.0	171.0	131,200 b	69.9	171.9	138,200 b			45	
48	65.9	169.6	124,800 b	67.8	170.6	131,200 b	70.7	171.8	132,900 b	48
50	64.5	168.7	120,500	66.4	169.8	126,500 b	69.3	171.1	125,900 b	50
55	60.9	166.0	111,200	62.9	167.4	113,500	65.8	168.9	111,100	55
56	60.1	165.4	109,200	62.1	166.8	111,000	65.1	168.4	108,700	56
60	57.1	162.9	101,300	59.2	164.5	101,300	62.3	166.4	99,200	60
65	53.2	159.3	90,900	55.4	161.2	91,400	58.6	163.4	89,500	65
70	49.1	155.2	82,200	51.4	157.4	83,100	54.7	160.1	81,400	70
75	44.6	150.4	74,900	47.1	152.9	76,100	50.7	156.1	74,500	75
80	39.8	144.7	68,700	42.6	147.7	70,100	46.4	151.6	68,600	80
84	35.5	139.2	64,400	38.5	142.8	65,900	42.7	147.3	64,500	84
85	34.4	137.9	63,300	37.5	141.6	64,800	41.7	146.3	63,400	85
90	28.2	129.4	58,600	31.8	134.2	60,200	36.6	139.9	58,900	90
95	20.1	117.8	52,600	24.9	124.6	56,100	30.7	132.2	54,900	95
96	16.6	112.4	49,600	23.0	121.7	54,700	29.3	130.2	54,200	96
100	2.7	91.1	37,400	15.2	110.2	48,800	23.6	122.1	51,400	100
102				8.6	100.1	42,900	19.3	115.7	50,100	102
105							12.9	106.1	48,100	105
106							9.3	100.6	45,400	106
110										110
111										111
115										115
117										117
120										120
124										124
125										125
130										130

MLC250 S-2

ASME B30.5



184,600 lb
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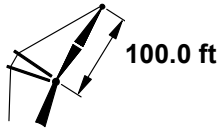
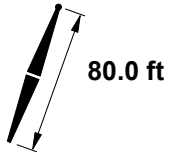
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
34													34
36													36
38													38
39													39
40													40
45													45
48													48
50													50
55													55
56	68.0	169.6	106,200 b										56
60	65.2	167.8	97,100										60
65	61.6	165.2	87,500										65
70	57.9	162.2	79,600	62.9	164.4	76,700							70
75	54.0	158.7	72,900	59.3	161.6	70,200							75
80	50.0	154.6	67,100	55.4	158.3	64,600							80
84	46.5	150.9	63,100	52.2	155.2	60,700	57.4	157.8	58,300				84
85	45.6	150.0	62,100	51.4	154.4	59,700	56.7	157.1	57,500				85
90	40.9	144.5	57,600	47.2	150.0	55,500	52.7	153.4	53,400				90
95	35.6	138.0	53,700	42.6	144.8	51,700	48.6	149.2	49,700				95
96	34.4	136.4	53,000	41.6	143.6	51,100	47.7	148.2	49,100	53.0	150.9	47,100	96
100	29.6	129.9	50,300	37.6	138.7	48,400	44.1	144.3	46,500	49.7	147.6	44,700	100
102	26.6	125.6	49,000	35.3	135.8	47,200	42.2	142.0	45,300	48.0	145.7	43,600	102
105	22.1	119.2	47,100	31.9	131.3	45,400	39.2	138.5	43,600	45.4	142.9	41,900	105
106	19.6	115.5	46,500	30.5	129.4	44,800	38.1	137.1	43,100	44.4	141.8	41,400	106
110	9.9	100.7	44,200	25.0	121.7	42,600	33.8	131.6	41,000	40.6	137.4	39,400	110
111	3.7	91.2	43,000	23.1	118.9	42,100	32.5	129.8	40,500	39.6	136.0	38,900	111
115				15.4	107.5	40,100	27.4	122.8	38,600	35.4	130.8	37,100	115
117				8.9	97.5	39,100	24.0	117.9	37,700	32.9	127.5	36,200	117
120							19.0	110.7	36,400	29.3	122.6	35,000	120
124							6.8	91.9	34,600	23.1	113.9	33,400	124
125										21.6	111.7	33,000	125
130										8.7	92.1	31,100	130

MLC250 S-2

ASME B30.5



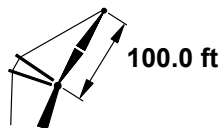
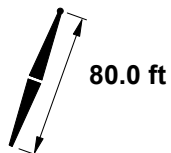
184,600 lb
+
44,000 lb



	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	ft
36	75.7	184.6	147,500 d							36
38	74.5	184.1	143,200 c							38
40	73.3	183.5	138,700 b							40
42	72.1	182.8	134,300 b	73.8	183.5	140,500 b				42
45	70.3	181.8	127,700 b	72.0	182.5	134,100 b				45
50	67.2	179.7	117,600	68.9	180.7	123,500				50
51	66.6	179.3	115,800	68.3	180.2	121,400	70.9	181.4	122,200 b	51
55	64.0	177.4	108,700	65.8	178.5	113,100	68.4	179.8	110,700	55
60	60.8	174.7	100,900	62.6	176.0	101,000	65.3	177.6	98,800	60
65	57.4	171.6	90,900	59.3	173.2	91,100	62.1	175.0	89,100	65
70	53.9	168.1	82,200	55.9	169.9	82,800	58.7	172.1	81,000	70
75	50.2	164.1	74,800	52.3	166.2	75,800	55.3	168.8	74,100	75
80	46.4	159.5	68,500	48.5	161.9	69,800	51.7	165.0	68,200	80
85	42.2	154.3	63,100	44.6	157.1	64,500	47.9	160.6	63,100	85
89	38.6	149.3	59,300	41.1	152.6	60,900	44.7	156.6	59,500	89
90	37.7	148.1	58,300	40.2	151.4	59,900	43.8	155.7	58,600	90
95	32.6	140.8	54,100	35.5	144.8	55,900	39.5	149.9	54,600	95
100	26.7	131.8	50,400	30.1	136.8	52,300	34.6	143.1	51,100	100
103	22.1	124.4	47,400	26.2	130.7	50,200	31.3	138.1	49,200	103
105	19.0	119.4	45,400	23.6	126.6	48,900	29.1	134.8	47,900	105
110	2.5	91.2	32,500	14.4	111.5	42,300	22.3	124.1	45,000	110
112				8.1	100.7	37,300	18.3	117.3	43,900	112
115							12.2	107.2	42,300	115
116							8.8	101.4	39,600	116
120										120
121										121
125										125
127										127
130										130
134										134
135										135
140										140

MLC250 S-2

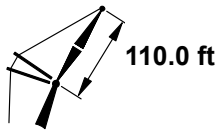
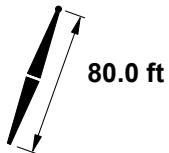
ASME B30.5



	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
36													36
38													38
40													40
42													42
45													45
50													50
51													51
55													55
60	67.9	178.7	96,600										60
65	64.7	176.4	87,100										65
70	61.5	173.8	79,100										70
75	58.1	170.8	72,400	62.6	173.1	69,700							75
80	54.7	167.4	66,700	59.3	170.2	64,100							80
85	51.0	163.5	61,600	55.9	167.0	59,300							85
89	48.0	160.0	58,100	53.1	164.0	55,900	57.7	166.4	53,600				89
90	47.2	159.1	57,300	52.3	163.3	55,000	57.0	165.8	52,800				90
95	43.1	154.0	53,400	48.6	159.0	51,300	53.5	162.2	49,200				95
100	38.7	148.0	49,900	44.6	154.2	48,000	49.8	158.1	46,000				100
103	35.7	143.8	48,000	42.0	150.8	46,200	47.5	155.4	44,300	52.3	158.1	42,400	103
105	33.7	141.0	46,800	40.3	148.5	45,000	45.9	153.5	43,100	50.8	156.5	41,400	105
110	28.0	132.4	44,000	35.5	142.0	42,300	41.7	148.2	40,500	47.0	152.0	38,800	110
112	25.2	127.8	43,000	33.4	138.8	41,300	39.9	145.7	39,600	45.3	149.9	37,900	112
115	20.9	121.0	41,400	30.2	134.0	39,800	37.1	141.9	38,200	42.9	146.8	36,600	115
116	18.6	117.1	40,900	28.9	131.9	39,300	36.1	140.4	37,700	42.0	145.6	36,200	116
120	9.3	101.5	39,000	23.7	123.8	37,500	32.0	134.4	36,000	38.4	140.9	34,500	120
121	3.5	91.4	37,600	21.8	120.8	37,100	30.7	132.6	35,600	37.4	139.4	34,100	121
125				14.5	108.7	35,400	25.9	125.1	34,000	33.5	133.8	32,600	125
127				8.4	98.2	34,600	22.7	119.9	33,300	31.1	130.3	31,900	127
130							18.0	112.2	32,200	27.7	125.1	30,800	130
134							6.4	92.4	30,700	21.9	115.8	29,500	134
135										20.5	113.5	29,200	135
140										8.3	92.8	27,600	140

MLC250 S-2

ASME B30.5



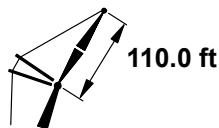
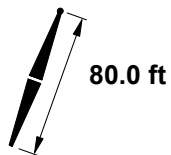
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
38	76.0	194.5	137,900 b							38
40	74.9	193.9	133,800 b							40
45	72.1	192.4	124,200 b	73.7	193.0	129,700 b				45
50	69.4	190.6	114,700	70.9	191.4	120,400				50
54	67.1	188.9	108,000	68.7	189.8	113,100	71.0	190.9	113,200	54
55	66.6	188.5	106,300	68.1	189.4	111,300	70.5	190.5	110,500	55
60	63.7	186.1	98,800	65.3	187.2	100,900	67.7	188.6	98,700	60
64	61.3	183.9	92,500	62.9	185.2	93,000	65.4	186.7	90,900	64
65	60.7	183.4	90,900	62.4	184.7	91,000	64.8	186.3	89,000	65
70	57.6	180.3	82,100	59.4	181.8	82,700	61.9	183.7	80,900	70
75	54.5	176.8	74,800	56.3	178.6	75,700	58.8	180.8	74,000	75
79	51.8	173.7	69,700	53.7	175.7	70,900	56.3	178.1	69,300	79
80	51.2	173.0	68,500	53.0	175.0	69,700	55.7	177.5	68,100	80
85	47.7	168.6	63,000	49.7	170.9	64,500	52.5	173.8	63,000	85
90	44.1	163.6	58,300	46.1	166.2	59,900	49.1	169.6	58,500	90
94	40.9	159.1	54,900	43.1	162.0	56,700	46.2	165.8	55,400	94
95	40.1	157.9	54,100	42.3	161.0	55,900	45.5	164.9	54,600	95
100	35.8	151.4	50,400	38.3	154.9	52,300	41.7	159.5	51,100	100
105	31.0	143.6	47,100	33.8	147.9	48,800	37.5	153.3	47,900	105
109	26.5	135.9	44,700	29.6	141.1	46,300	33.9	147.5	45,600	109
110	25.4	134.0	44,100	28.6	139.4	45,700	32.9	146.0	45,000	110
115	18.1	121.0	39,800	22.4	128.6	42,800	27.7	137.3	42,400	115
120	2.4	91.3	28,800	13.7	112.6	37,300	21.2	125.9	40,100	120
122				7.7	101.3	33,000	17.4	118.8	39,000	122
125							11.6	108.1	37,300	125
126							8.4	102.0	35,000	126
130										130
131										131
135										135
137										137
140										140
144										144
145										145
150										150

MLC250 S-2

ASME B30.5



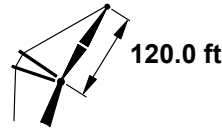
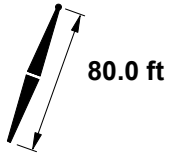
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
38													38
40													40
45													45
50													50
54													54
55													55
60													60
64	67.7	187.9	88,700										64
65	67.2	187.5	87,000										65
70	64.3	185.1	79,000										70
75	61.3	182.5	72,300										75
79	58.9	180.1	67,700	63.0	182.3	65,000							79
80	58.3	179.5	66,500	62.4	181.8	64,000							80
85	55.2	176.1	61,600	59.4	178.9	59,100							85
90	51.9	172.3	57,200	56.3	175.7	54,900							90
94	49.2	168.9	54,100	53.7	172.8	51,900	57.9	175.1	49,800				94
95	48.5	168.1	53,300	53.1	172.0	51,200	57.3	174.5	49,100				95
100	44.9	163.2	49,900	49.7	167.9	47,900	54.1	171.0	45,900				100
105	41.0	157.7	46,800	46.2	163.3	44,900	50.8	167.0	43,000				105
109	37.6	152.7	44,500	43.1	159.1	42,700	48.0	163.5	41,000	52.4	166.1	39,200	109
110	36.8	151.4	44,000	42.4	158.1	42,200	47.3	162.6	40,400	51.7	165.3	38,700	110
115	32.1	143.9	41,400	38.3	152.0	39,800	43.6	157.5	38,100	48.3	161.0	36,500	115
120	26.7	134.8	39,100	33.8	145.0	37,500	39.7	151.8	36,000	44.7	156.1	34,400	120
122	23.9	130.0	38,300	31.8	141.6	36,700	37.9	149.1	35,200	43.1	153.9	33,700	122
125	19.9	122.7	37,000	28.7	136.5	35,500	35.3	145.1	34,000	40.8	150.6	32,500	125
126	17.7	118.6	36,600	27.4	134.4	35,100	34.3	143.5	33,600	39.9	149.3	32,200	126
130	8.8	102.2	34,900	22.5	125.8	33,600	30.4	137.2	32,200	36.5	144.2	30,800	130
131	3.3	91.6	33,300	20.8	122.6	33,200	29.3	135.2	31,800	35.6	142.7	30,500	131
135				13.8	109.9	31,800	24.6	127.3	30,500	31.8	136.6	29,200	135
137				8.0	98.8	31,100	21.6	121.8	29,900	29.6	132.9	28,600	137
140							17.1	113.7	28,900	26.3	127.4	27,700	140
144							6.1	92.9	27,600	20.8	117.6	26,500	144
145										19.5	115.2	26,300	145
150										7.8	93.4	24,900	150

MLC250 S-2

ASME B30.5



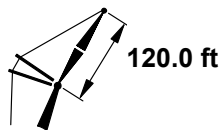
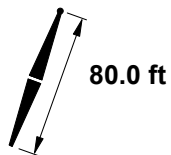
	88°			86°			83°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
41	75.7	204.0	126,800 b							41
45	73.7	202.9	120,000							45
48	72.2	201.9	115,000	73.6	202.6	120,000				48
50	71.2	201.2	111,600	72.6	201.9	116,700				50
55	68.6	199.3	103,600	70.0	200.2	108,500				55
58	67.1	198.0	99,300	68.5	199.0	103,700	70.6	200.1	102,700	58
60	66.0	197.2	96,500	67.5	198.2	100,500	69.6	199.3	98,200	60
65	63.4	194.7	90,200	64.9	195.9	90,600	67.0	197.3	88,500	65
68	61.7	193.1	85,100	63.2	194.4	85,600	65.5	195.9	83,700	68
70	60.6	192.0	81,700	62.2	193.3	82,300	64.4	195.0	80,400	70
75	57.8	189.0	74,300	59.4	190.5	75,300	61.7	192.4	73,600	75
80	55.0	185.6	68,000	56.6	187.3	69,300	58.9	189.4	67,700	80
84	52.6	182.5	63,700	54.2	184.4	65,200	56.7	186.8	63,600	84
85	52.0	181.8	62,600	53.6	183.7	64,100	56.1	186.2	62,600	85
90	48.8	177.5	57,800	50.6	179.7	59,500	53.1	182.6	58,100	90
95	45.6	172.8	53,600	47.4	175.3	55,500	50.1	178.5	54,200	95
100	42.1	167.5	49,900	44.0	170.3	51,900	46.9	174.0	50,700	100
105	38.3	161.4	46,600	40.4	164.7	48,400	43.4	168.9	47,500	105
110	34.2	154.5	43,600	36.6	158.3	45,200	39.8	163.1	44,700	110
115	29.6	146.2	40,900	32.3	150.8	42,400	35.9	156.6	42,100	115
120	24.2	136.1	38,500	27.4	141.8	39,800	31.5	148.9	39,800	120
125	17.3	122.5	34,700	21.4	130.5	37,500	26.5	139.6	37,600	125
130	2.2	91.4	25,100	13.1	113.8	32,600	20.3	127.7	35,600	130
132				7.4	101.9	28,900	16.6	120.2	34,400	132
135							11.1	109.1	32,700	135
136							8.0	102.7	30,700	136
140										140
141										141
145										145
147										147
150										150
154										154
155										155
160										160

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



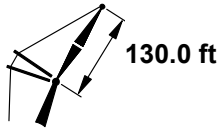
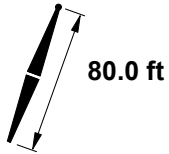
	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
41													41
45													45
48													48
50													50
55													55
58													58
60													60
65													65
68	67.6	197.0	81,600										68
70	66.6	196.2	78,600										70
75	63.9	193.8	71,900										75
80	61.2	191.1	66,100										80
84	59.0	188.8	62,100	62.7	191.0	59,500							84
85	58.5	188.2	61,100	62.2	190.4	58,600							85
90	55.6	184.8	56,700	59.4	187.6	54,400							90
95	52.6	181.1	52,900	56.6	184.4	50,700							95
100	49.5	177.0	49,400	53.7	180.8	47,400	57.5	183.1	45,400				100
105	46.3	172.4	46,400	50.6	176.8	44,400	54.6	179.7	42,500				105
110	42.8	167.2	43,600	47.4	172.4	41,700	51.6	175.9	39,900				110
115	39.1	161.3	41,100	44.1	167.4	39,300	48.5	171.6	37,600	52.5	174.1	35,900	115
120	35.1	154.6	38,800	40.5	161.8	37,100	45.2	166.8	35,500	49.4	169.9	33,900	120
125	30.7	146.6	36,700	36.6	155.4	35,100	41.7	161.4	33,500	46.1	165.3	32,000	125
130	25.5	137.0	34,700	32.3	147.9	33,200	37.9	155.2	31,700	42.6	160.1	30,300	130
132	22.9	132.0	34,000	30.3	144.3	32,500	36.2	152.4	31,100	41.2	157.7	29,700	132
135	19.0	124.4	32,900	27.4	139.0	31,500	33.7	148.1	30,100	38.9	154.2	28,700	135
136	16.9	120.1	32,500	26.2	136.7	31,200	32.8	146.5	29,800	38.1	152.8	28,400	136
140	8.4	102.9	31,200	21.5	127.7	29,900	29.1	139.7	28,500	34.9	147.3	27,200	140
141	3.1	91.8	29,300	19.8	124.3	29,600	28.0	137.7	28,300	34.0	145.7	27,000	141
145				13.2	111.0	28,300	23.6	129.3	27,100	30.4	139.4	25,900	145
147				7.6	99.4	27,700	20.7	123.6	26,600	28.3	135.5	25,300	147
150							16.3	115.1	25,700	25.2	129.6	24,600	150
154							5.8	93.3	24,600	19.9	119.3	23,600	154
155										18.6	116.8	23,300	155
160										7.5	94.0	22,100	160

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



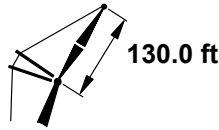
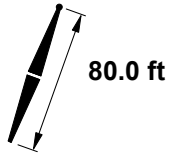
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
43	75.9	213.8	114,700 b							43
45	75.0	213.3	114,100							45
50	72.7	211.8	108,300	74.0	212.4	112,700				50
55	70.3	210.0	101,100	71.6	210.8	105,700				55
60	68.0	208.1	94,400	69.3	209.0	98,700				60
61	67.5	207.6	93,200	68.8	208.6	97,000	70.8	209.6	95,800	61
65	65.6	205.9	88,400	66.9	206.9	90,300	68.9	208.1	88,200	65
70	63.1	203.4	81,900	64.5	204.6	82,000	66.5	206.0	80,100	70
71	62.6	202.9	80,400	64.0	204.1	80,600	66.0	205.5	78,700	71
75	60.6	200.7	74,400	62.0	202.0	75,000	64.1	203.7	73,300	75
80	58.0	197.6	68,000	59.5	199.1	69,000	61.6	201.0	67,400	80
85	55.4	194.3	62,500	56.9	196.0	63,800	59.0	198.1	62,300	85
88	53.7	192.0	59,600	55.2	193.9	61,100	57.4	196.2	59,600	88
90	52.6	190.6	57,700	54.2	192.5	59,300	56.4	194.9	57,800	90
95	49.8	186.5	53,500	51.4	188.6	55,200	53.7	191.3	53,900	95
100	46.8	181.9	49,800	48.5	184.3	51,600	50.9	187.4	50,400	100
105	43.7	176.9	46,400	45.4	179.5	48,200	48.0	183.0	47,200	105
110	40.3	171.2	43,400	42.2	174.2	45,000	44.9	178.1	44,400	110
115	36.7	164.8	40,700	38.8	168.2	42,200	41.6	172.7	41,800	115
120	32.8	157.4	38,200	35.0	161.4	39,600	38.2	166.6	39,500	120
121	31.9	155.7	37,800	34.2	159.8	39,100	37.4	165.2	39,100	121
125	28.4	148.8	36,000	30.9	153.6	37,200	34.4	159.7	37,400	125
130	23.2	138.2	33,900	26.2	144.2	35,000	30.2	151.6	35,400	130
135	16.6	123.9	30,600	20.6	132.3	33,100	25.4	141.8	33,600	135
140	2.1	91.6	22,100	12.6	114.8	28,700	19.4	129.4	31,800	140
142				7.1	102.5	25,400	15.9	121.6	30,700	142
145							10.6	110.0	28,900	145
146							7.6	103.3	27,100	146
150										150
151										151
155										155
157										157
160										160
164										164
165										165
170										170

MLC250 S-2

ASME B30.5



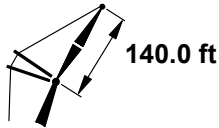
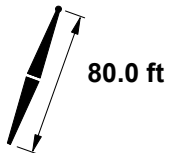
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
43													43
45													45
50													50
55													55
60													60
61													61
65													65
70													70
71	68.0	206.6	76,800										71
75	66.1	204.9	71,500										75
80	63.6	202.5	65,800										80
85	61.1	199.8	60,800										85
88	59.6	198.0	58,200	63.0	200.1	55,700							88
90	58.6	196.8	56,400	62.0	199.1	54,100							90
95	55.9	193.5	52,500	59.5	196.2	50,300							95
100	53.2	189.9	49,100	56.9	193.0	47,000							100
105	50.4	185.9	46,000	54.2	189.5	44,100	57.7	191.8	42,100				105
110	47.4	181.4	43,300	51.4	185.7	41,400	55.1	188.4	39,600				110
115	44.3	176.5	40,800	48.5	181.4	39,000	52.3	184.7	37,200				115
120	41.1	171.0	38,500	45.5	176.6	36,800	49.4	180.5	35,100				120
121	40.3	169.7	38,100	44.8	175.5	36,400	48.8	179.6	34,700	52.5	182.1	33,100	121
125	37.5	164.7	36,400	42.2	171.3	34,800	46.4	175.9	33,200	50.2	178.8	31,600	125
130	33.7	157.6	34,500	38.8	165.3	32,900	43.3	170.8	31,400	47.3	174.4	29,900	130
135	29.4	149.3	32,700	35.1	158.5	31,200	39.9	165.0	29,800	44.2	169.4	28,400	135
140	24.4	139.2	31,000	31.0	150.7	29,600	36.3	158.5	28,200	40.9	163.8	26,900	140
142	21.9	133.9	30,400	29.1	146.9	29,000	34.7	155.5	27,700	39.5	161.3	26,300	142
145	18.2	126.0	29,500	26.3	141.3	28,200	32.3	151.0	26,800	37.3	157.5	25,500	145
146	16.2	121.5	29,200	25.2	138.9	27,900	31.4	149.3	26,600	36.6	156.1	25,300	146
150	8.1	103.6	28,000	20.6	129.5	26,800	27.9	142.2	25,500	33.5	150.4	24,300	150
151	3.0	92.0	26,000	19.0	126.0	26,500	26.8	140.0	25,300	32.6	148.7	24,000	151
155				12.7	112.1	25,400	22.6	131.3	24,300	29.2	142.0	23,100	155
157				7.3	100.0	24,900	19.8	125.4	23,800	27.2	137.9	22,600	157
160							15.7	116.4	23,100	24.2	131.7	22,000	160
164							5.5	93.8	22,100	19.1	121.0	21,100	164
165										17.8	118.3	20,900	165
170										7.1	94.6	19,800	170

MLC250 S-2

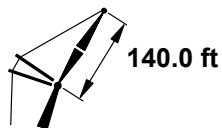
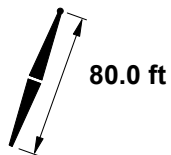
ASME B30.5



	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
46	75.7	223.4	101,800							46
50	74.0	222.2	100,800							50
53	72.7	221.3	99,300	73.9	222.0	104,700				53
55	71.8	220.7	98,200	73.0	221.3	102,300				55
60	69.6	218.8	91,900	70.8	219.7	96,100				60
64	67.9	217.2	87,400	69.1	218.1	91,100	70.9	219.2	89,600	64
65	67.4	216.8	86,300	68.7	217.8	89,900	70.5	218.8	87,800	65
70	65.2	214.6	81,100	66.4	215.6	81,600	68.3	216.9	79,700	70
75	62.9	212.1	74,000	64.2	213.3	74,600	66.1	214.7	72,800	75
80	60.6	209.3	67,600	61.9	210.7	68,600	63.8	212.3	67,000	80
85	58.2	206.3	62,100	59.5	207.8	63,400	61.5	209.7	61,900	85
90	55.7	203.0	57,300	57.1	204.7	58,900	59.1	206.8	57,400	90
93	54.2	200.8	54,700	55.6	202.6	56,500	57.6	204.9	55,000	93
95	53.2	199.3	53,000	54.6	201.2	54,800	56.7	203.6	53,500	95
100	50.6	195.3	49,300	52.0	197.4	51,300	54.2	200.1	50,000	100
105	47.8	190.9	45,900	49.4	193.2	47,700	51.6	196.2	46,800	105
110	45.0	186.1	42,900	46.6	188.6	44,600	48.9	192.0	44,000	110
115	42.0	180.7	40,200	43.7	183.6	41,700	46.1	187.3	41,400	115
120	38.8	174.7	37,700	40.6	177.9	39,100	43.2	182.1	39,100	120
125	35.3	168.0	35,500	37.3	171.6	36,700	40.0	176.4	37,000	125
127	33.8	164.9	34,700	35.9	168.8	35,800	38.7	173.8	36,200	127
130	31.6	160.2	33,400	33.7	164.5	34,500	36.7	170.0	35,000	130
135	27.3	151.2	31,600	29.8	156.2	32,600	33.1	162.6	33,200	135
140	22.4	140.1	29,800	25.3	146.4	30,700	29.1	154.2	31,500	140
145	16.0	125.3	26,800	19.8	134.0	29,100	24.4	144.0	30,000	145
150	2.0	91.7	19,200	12.1	115.8	25,200	18.7	131.0	28,500	150
152				6.8	103.1	22,300	15.3	122.9	27,200	152
155							10.2	110.8	25,400	155
156							7.3	103.9	23,800	156
160										160
161										161
165										165
167										167
170										170
174										174
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180										180

MLC250 S-2

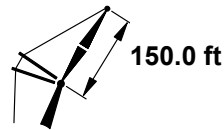
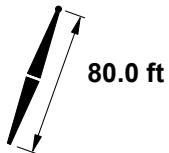
ASME B30.5



	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
46													46
50													50
53													53
55													55
60													60
64													64
65													65
70													70
75	67.9	215.8	71,000										75
80	65.7	213.6	65,300										80
85	63.4	211.2	60,300										85
90	61.1	208.5	55,900										90
93	59.6	206.7	53,600	62.8	208.8	51,300							93
95	58.7	205.5	52,100	61.9	207.7	49,800							95
100	56.2	202.2	48,700	59.5	204.9	46,500							100
105	53.7	198.7	45,600	57.1	201.7	43,600							105
110	51.1	194.7	42,800	54.6	198.3	40,900	57.9	200.5	39,000				110
115	48.4	190.4	40,300	52.1	194.5	38,500	55.4	197.1	36,700				115
120	45.6	185.7	38,100	49.4	190.3	36,300	52.9	193.4	34,600				120
125	42.6	180.4	36,000	46.6	185.7	34,300	50.2	189.4	32,700				125
127	41.4	178.1	35,200	45.4	183.7	33,600	49.1	187.6	32,000	52.6	190.1	30,400	127
130	39.5	174.6	34,100	43.7	180.7	32,500	47.5	184.9	30,900	51.0	187.7	29,400	130
135	36.1	168.0	32,300	40.6	175.0	30,800	44.6	180.0	29,300	48.3	183.4	27,800	135
140	32.4	160.5	30,700	37.3	168.7	29,200	41.6	174.6	27,800	45.4	178.6	26,400	140
145	28.3	151.8	29,100	33.8	161.6	27,700	38.4	168.5	26,400	42.5	173.3	25,000	145
150	23.5	141.2	27,700	29.8	153.3	26,400	34.9	161.7	25,100	39.3	167.4	23,800	150
152	21.1	135.7	27,200	28.0	149.4	25,900	33.4	158.5	24,600	37.9	164.8	23,300	152
155	17.5	127.5	26,300	25.3	143.5	25,100	31.1	153.8	23,800	35.9	160.8	22,600	155
156	15.6	122.8	26,100	24.2	141.1	24,900	30.3	152.0	23,600	35.2	159.3	22,400	156
160	7.8	104.2	25,000	19.9	131.2	23,900	26.8	144.6	22,700	32.2	153.3	21,500	160
161	2.8	92.2	22,800	18.3	127.6	23,700	25.8	142.3	22,500	31.4	151.5	21,300	161
165				12.2	113.2	22,700	21.7	133.2	21,600	28.1	144.5	20,500	165
167				7.0	100.6	22,200	19.1	127.0	21,200	26.1	140.2	20,100	167
170							15.1	117.7	20,600	23.2	133.8	19,500	170
174							5.3	94.2	19,700	18.4	122.6	18,700	174
175										17.2	119.8	18,500	175
180										6.9	95.2	17,600	180

MLC250 S-2

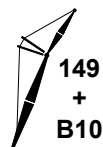
ASME B30.5



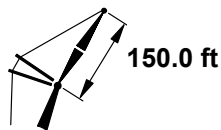
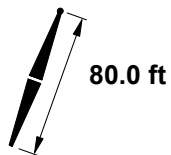
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
48	75.8	233.2	91,100							48
50	75.0	232.6	90,500							50
55	73.1	231.2	89,500							55
56	72.6	230.8	89,200	73.8	231.5	97,600				56
60	71.0	229.5	88,400	72.2	230.2	93,300				60
65	69.0	227.6	84,100	70.1	228.5	87,800				65
67	68.2	226.8	82,200	69.3	227.7	85,300	71.0	228.7	84,200	67
70	66.9	225.6	79,200	68.1	226.5	81,500	69.8	227.6	79,500	70
75	64.8	223.3	73,800	66.0	224.3	74,500	67.7	225.6	72,700	75
79	63.1	221.3	68,700	64.3	222.4	69,700	66.1	223.9	68,000	79
80	62.7	220.8	67,400	63.9	222.0	68,500	65.7	223.4	66,800	80
85	60.5	218.0	61,900	61.7	219.3	63,300	63.5	221.0	61,700	85
90	58.3	215.0	57,100	59.5	216.5	58,700	61.4	218.4	57,200	90
95	56.0	211.7	52,800	57.3	213.3	54,700	59.2	215.4	53,300	95
98	54.6	209.5	50,600	55.9	211.3	52,500	57.8	213.5	51,200	98
100	53.6	208.1	49,100	55.0	209.9	51,100	56.9	212.3	49,800	100
105	51.2	204.2	45,700	52.6	206.2	47,600	54.6	208.8	46,700	105
110	48.7	199.9	42,700	50.1	202.1	44,400	52.2	205.0	43,800	110
115	46.1	195.2	40,000	47.6	197.7	41,500	49.7	200.9	41,300	115
120	43.4	190.1	37,600	44.9	192.8	38,900	47.1	196.4	39,000	120
125	40.5	184.4	35,300	42.1	187.4	36,500	44.4	191.4	36,800	125
130	37.4	178.1	33,300	39.1	181.5	34,400	41.6	186.0	34,900	130
133	35.4	173.9	32,100	37.2	177.5	33,200	39.8	182.3	33,800	133
135	34.1	171.0	31,400	36.0	174.9	32,400	38.6	179.9	33,100	135
140	30.5	163.0	29,600	32.5	167.4	30,600	35.4	173.2	31,400	140
145	26.4	153.5	28,000	28.7	158.8	28,900	31.9	165.5	29,900	145
150	21.6	142.0	26,500	24.4	148.5	27,300	28.0	156.7	28,400	150
155	15.4	126.6	23,700	19.1	135.7	25,900	23.6	146.1	27,000	155
160	1.9	91.8	17,000	11.6	116.8	22,400	18.1	132.6	25,600	160
162				6.5	103.6	19,700	14.8	124.2	24,400	162
165							9.8	111.7	22,600	165
166							7.1	104.5	21,200	166
170										170
171										171
175										175
177										177
180										180
184										184
185										185
190										190

MLC250 S-2

ASME B30.5



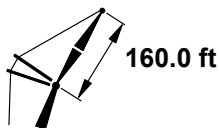
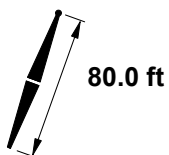
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
48													48
50													50
55													55
56													56
60													60
65													65
67													67
70													70
75													75
79	67.8	225.0	66,200										79
80	67.4	224.5	65,100										80
85	65.3	222.3	60,100										85
90	63.2	219.8	55,800										90
95	61.0	217.1	51,900										95
98	59.6	215.3	49,900	62.6	217.5	47,600							98
100	58.8	214.2	48,500	61.8	216.4	46,400							100
105	56.5	210.9	45,400	59.6	213.5	43,400							105
110	54.2	207.4	42,700	57.3	210.4	40,800							110
115	51.7	203.6	40,200	55.0	207.0	38,300	58.0	209.2	36,600				115
120	49.3	199.4	37,900	52.6	203.3	36,200	55.7	205.8	34,400				120
125	46.7	194.8	35,800	50.1	199.2	34,200	53.4	202.2	32,500				125
130	44.0	189.8	33,900	47.6	194.8	32,300	50.9	198.3	30,800				130
133	42.2	186.4	32,900	46.0	191.8	31,300	49.4	195.7	29,800	52.6	198.1	28,300	133
135	41.1	184.2	32,200	44.9	189.9	30,600	48.4	193.9	29,100	51.6	196.5	27,700	135
140	38.1	178.0	30,500	42.1	184.5	29,100	45.8	189.2	27,600	49.1	192.3	26,200	140
145	34.8	171.2	29,000	39.2	178.6	27,600	43.0	184.0	26,200	46.5	187.7	24,900	145
150	31.3	163.3	27,600	36.0	172.0	26,300	40.1	178.3	24,900	43.8	182.6	23,600	150
155	27.3	154.2	26,300	32.6	164.5	25,000	37.0	171.9	23,700	40.9	177.1	22,500	155
160	22.7	143.2	25,000	28.8	155.9	23,800	33.7	164.7	22,600	37.9	170.9	21,400	160
162	20.4	137.5	24,600	27.0	151.8	23,400	32.2	161.4	22,100	36.6	168.1	21,000	162
165	16.9	129.0	23,900	24.4	145.7	22,700	30.0	156.5	21,500	34.6	163.9	20,300	165
166	15.0	124.1	23,600	23.4	143.1	22,500	29.2	154.6	21,300	33.9	162.4	20,100	166
170	7.5	104.8	22,600	19.2	132.9	21,600	25.9	146.9	20,500	31.1	156.0	19,400	170
171	2.7	92.4	20,300	17.7	129.1	21,400	24.9	144.5	20,300	30.3	154.2	19,200	171
175				11.8	114.2	20,600	21.0	135.1	19,500	27.1	146.9	18,500	175
177				6.7	101.1	20,200	18.4	128.6	19,200	25.2	142.4	18,100	177
180							14.5	119.0	18,600	22.4	135.8	17,600	180
184							5.1	94.6	17,800	17.7	124.1	16,900	184
185										16.6	121.2	16,700	185
190										6.6	95.7	15,900	190

MLC250 S-2

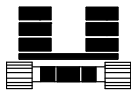
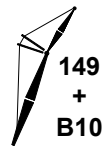
ASME B30.5



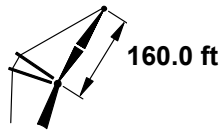
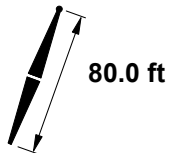
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
50	76.0	243.0	80,600							50
55	74.1	241.6	80,000							55
59	72.6	240.4	79,500	73.7	241.0	88,500				59
60	72.3	240.1	79,400	73.3	240.7	88,500				60
65	70.4	238.3	78,400	71.4	239.1	85,100				65
70	68.5	236.4	77,100	69.5	237.3	80,300				70
71	68.1	236.0	76,300	69.1	236.9	79,100	70.7	237.9	77,600	71
75	66.5	234.3	72,900	67.6	235.3	74,100	69.2	236.4	72,200	75
80	64.5	232.0	67,600	65.6	233.1	68,100	67.3	234.4	66,400	80
83	63.3	230.4	64,200	64.4	231.6	65,000	66.1	233.0	63,300	83
85	62.5	229.4	62,000	63.7	230.6	62,900	65.3	232.1	61,300	85
90	60.5	226.7	57,100	61.6	228.0	58,300	63.3	229.7	56,800	90
95	58.4	223.6	52,800	59.6	225.1	54,300	61.3	227.0	52,900	95
100	56.3	220.4	49,000	57.5	222.0	50,700	59.2	224.1	49,400	100
102	55.4	219.0	47,600	56.6	220.6	49,400	58.4	222.8	48,100	102
105	54.1	216.8	45,600	55.3	218.6	47,400	57.1	220.9	46,300	105
110	51.8	213.0	42,500	53.1	215.0	44,200	54.9	217.5	43,400	110
115	49.5	208.8	39,800	50.8	211.0	41,300	52.7	213.8	40,900	115
120	47.1	204.3	37,300	48.4	206.6	38,600	50.4	209.7	38,600	120
121	46.5	203.3	36,800	47.9	205.7	38,200	49.9	208.9	38,100	121
125	44.5	199.4	35,000	46.0	201.9	36,200	48.0	205.4	36,400	125
130	41.9	193.9	32,900	43.4	196.8	34,100	45.5	200.6	34,500	130
135	39.1	188.0	31,000	40.7	191.2	32,000	42.9	195.4	32,700	135
139	36.7	182.7	29,600	38.4	186.2	30,600	40.8	190.8	31,400	139
140	36.2	181.4	29,300	37.8	184.9	30,200	40.2	189.6	31,000	140
145	33.0	174.0	27,600	34.8	178.0	28,500	37.3	183.3	29,500	145
150	29.5	165.6	26,100	31.5	170.2	26,900	34.2	176.2	28,000	150
155	25.5	155.8	24,700	27.8	161.2	25,500	30.9	168.3	26,700	155
160	20.9	143.9	23,400	23.6	150.6	24,100	27.1	159.1	25,200	160
165	14.9	127.9	20,800	18.5	137.3	22,800	22.8	148.1	23,800	165
170	1.8	91.9	14,700	11.3	117.8	19,600	17.5	134.1	22,600	170
172				6.3	104.1	17,200	14.3	125.4	21,500	172
175							9.5	112.5	19,900	175
176							6.8	105.1	18,600	176
180										180
181										181
185										185
187										187
190										190
194										194
195										195
200										200

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



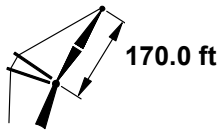
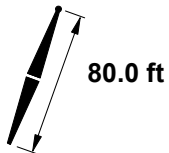
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
50													50
55													55
59													59
60													60
65													65
70													70
71													71
75													75
80													80
83	67.7	234.1	61,600										83
85	66.9	233.3	59,700										85
90	65.0	231.0	55,300										90
95	63.0	228.5	51,500										95
100	60.9	225.8	48,100										100
102	60.1	224.6	46,800	62.9	226.7	44,700							102
105	58.8	222.8	45,000	61.7	225.1	42,900							105
110	56.7	219.6	42,200	59.6	222.2	40,300							110
115	54.5	216.1	39,700	57.5	219.1	37,900							115
120	52.3	212.4	37,500	55.3	215.7	35,700							120
121	51.8	211.5	37,100	54.9	215.0	35,300	57.7	217.2	33,500				121
125	50.0	208.3	35,400	53.1	212.0	33,700	56.0	214.5	32,000				125
130	47.6	203.8	33,500	50.8	208.1	31,900	53.8	211.0	30,300				130
135	45.1	199.0	31,700	48.4	203.7	30,200	51.5	207.1	28,600				135
139	43.0	194.7	30,400	46.5	200.0	28,900	49.7	203.7	27,400	52.6	206.1	26,000	139
140	42.5	193.7	30,100	46.0	199.0	28,600	49.2	202.9	27,100	52.2	205.3	25,700	140
145	39.7	187.8	28,600	43.4	193.9	27,200	46.8	198.3	25,700	49.9	201.2	24,400	145
150	36.8	181.4	27,200	40.7	188.3	25,800	44.2	193.3	24,500	47.5	196.7	23,100	150
155	33.7	174.2	25,900	37.9	182.0	24,600	41.6	187.8	23,200	45.0	191.9	22,000	155
160	30.2	166.0	24,700	34.8	175.1	23,400	38.8	181.8	22,100	42.3	186.5	20,900	160
165	26.4	156.6	23,500	31.5	167.3	22,300	35.8	175.1	21,100	39.6	180.7	19,900	165
170	21.9	145.2	22,400	27.8	158.4	21,200	32.6	167.7	20,100	36.6	174.2	18,900	170
172	19.7	139.3	22,000	26.1	154.1	20,800	31.2	164.2	19,700	35.4	171.3	18,500	172
175	16.4	130.4	21,400	23.6	147.8	20,200	29.0	159.1	19,100	33.5	166.9	18,000	175
176	14.5	125.4	21,100	22.6	145.1	20,100	28.2	157.1	18,900	32.8	165.3	17,800	176
180	7.2	105.4	19,900	18.5	134.5	19,300	25.0	149.1	18,200	30.0	158.7	17,100	180
181	2.6	92.6	17,800	17.1	130.6	19,100	24.1	146.7	18,000	29.3	156.8	17,000	181
185				11.4	115.1	18,400	20.3	136.9	17,400	26.2	149.2	16,300	185
187				6.5	101.7	18,000	17.8	130.2	17,000	24.4	144.6	16,000	187
190							14.1	120.2	16,500	21.7	137.7	15,600	190
194							4.9	95.0	15,900	17.1	125.6	15,000	194
195										16.0	122.6	14,800	195
200										6.4	96.2	14,000	200

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



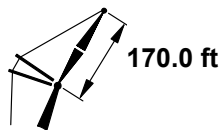
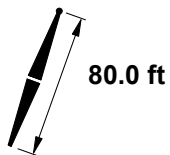
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
53	75.8	252.5	71,900							53
55	75.1	252.0	71,600							55
60	73.4	250.6	71,100							60
61	73.0	250.2	70,900	74.0	250.9	81,100				61
65	71.6	248.9	70,500	72.6	249.6	80,700				65
70	69.8	247.1	69,900	70.8	247.9	78,200				70
74	68.3	245.6	69,400	69.3	246.4	74,600	70.8	247.5	73,200	74
75	68.0	245.2	69,200	69.0	246.1	73,700	70.5	247.1	71,900	75
80	66.1	243.0	67,200	67.2	244.0	67,700	68.7	245.2	66,000	80
85	64.3	240.6	61,600	65.3	241.8	62,500	66.9	243.1	60,900	85
86	63.9	240.1	60,600	64.9	241.3	61,600	66.5	242.7	60,000	86
90	62.4	238.1	56,700	63.4	239.3	58,000	65.0	240.8	56,500	90
95	60.5	235.3	52,400	61.5	236.7	54,000	63.1	238.4	52,500	95
100	58.5	232.3	48,500	59.6	233.8	50,400	61.2	235.7	49,000	100
105	56.5	229.1	45,200	57.6	230.7	47,000	59.3	232.8	45,900	105
107	55.7	227.7	43,900	56.8	229.3	45,700	58.5	231.5	44,800	107
110	54.4	225.6	42,100	55.6	227.3	43,800	57.3	229.6	43,100	110
115	52.3	221.8	39,400	53.5	223.7	40,900	55.2	226.2	40,500	115
120	50.1	217.7	36,900	51.4	219.8	38,200	53.1	222.6	38,200	120
125	47.9	213.3	34,600	49.2	215.6	35,800	51.0	218.6	36,100	125
126	47.4	212.3	34,200	48.7	214.7	35,400	50.5	217.7	35,700	126
130	45.6	208.5	32,500	46.9	211.0	33,600	48.8	214.3	34,200	130
135	43.1	203.3	30,600	44.5	206.1	31,600	46.5	209.7	32,400	135
140	40.6	197.7	28,800	42.0	200.7	29,800	44.1	204.7	30,700	140
145	37.9	191.4	27,200	39.4	194.8	28,100	41.6	199.2	29,200	145
150	35.0	184.6	25,700	36.6	188.3	26,500	39.0	193.2	27,700	150
155	31.9	176.9	24,300	33.7	181.0	25,100	36.2	186.6	26,200	155
160	28.5	168.1	23,000	30.5	172.9	23,700	33.2	179.2	24,800	160
165	24.7	158.0	21,800	26.9	163.6	22,400	29.9	170.9	23,400	165
170	20.2	145.6	20,600	22.8	152.6	21,200	26.3	161.4	22,200	170
175	14.4	129.2	18,200	17.9	138.8	20,100	22.1	150.0	21,000	175
180	1.8	92.0	12,700	10.9	118.7	17,100	16.9	135.6	19,900	180
182				6.1	104.6	15,000	13.8	126.6	18,900	182
185							9.2	113.2	17,400	185
186							6.6	105.6	16,200	186
190										190
191										191
195										195
197										197
200										200
204										204
205										205
210										210

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



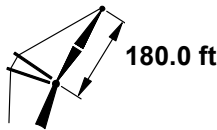
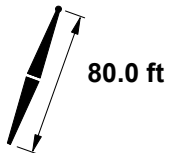
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
53													53
55													55
60													60
61													61
65													65
70													70
74													74
75													75
80													80
85													85
86	68.0	243.7	58,400										86
90	66.5	242.0	55,000										90
95	64.7	239.7	51,100										95
100	62.8	237.2	47,700										100
105	60.9	234.4	44,600										105
107	60.1	233.3	43,500	62.7	235.3	41,400							107
110	58.9	231.5	41,900	61.6	233.7	39,900							110
115	56.9	228.3	39,400	59.6	230.9	37,500							115
120	54.9	224.9	37,100	57.6	227.8	35,300							120
125	52.8	221.1	35,100	55.6	224.4	33,300							125
126	52.3	220.3	34,700	55.2	223.7	33,000	57.9	225.9	31,300				126
130	50.6	217.1	33,100	53.5	220.8	31,500	56.3	223.2	29,900				130
135	48.4	212.8	31,400	51.4	216.9	29,800	54.2	219.7	28,300				135
140	46.1	208.1	29,800	49.2	212.7	28,300	52.1	215.9	26,800				140
145	43.7	203.0	28,300	46.9	208.1	26,800	49.9	211.8	25,400	52.7	214.1	24,000	145
150	41.1	197.4	26,900	44.5	203.2	25,500	47.6	207.3	24,100	50.5	210.1	22,700	150
155	38.5	191.3	25,600	42.0	197.8	24,200	45.3	202.5	22,900	48.3	205.7	21,600	155
160	35.7	184.6	24,400	39.4	191.9	23,000	42.8	197.2	21,800	45.9	201.0	20,500	160
165	32.6	177.1	23,200	36.7	185.4	21,900	40.3	191.5	20,700	43.5	195.9	19,500	165
170	29.3	168.6	22,100	33.7	178.2	20,900	37.6	185.2	19,700	41.0	190.3	18,500	170
175	25.6	158.8	21,100	30.5	170.1	19,900	34.7	178.3	18,800	38.3	184.2	17,600	175
180	21.3	147.0	20,100	27.0	160.8	19,000	31.6	170.5	17,900	35.5	177.4	16,800	180
182	19.1	140.9	19,800	25.3	156.4	18,700	30.2	166.9	17,600	34.3	174.4	16,500	182
185	15.9	131.8	19,200	22.9	149.8	18,100	28.1	161.6	17,100	32.5	169.9	16,000	185
186	14.1	126.6	18,900	21.9	147.0	18,000	27.4	159.5	16,900	31.8	168.2	15,800	186
190	7.0	106.0	17,500	18.0	136.0	17,300	24.3	151.3	16,300	29.1	161.3	15,200	190
191	2.5	92.8	15,600	16.6	132.0	17,100	23.3	148.7	16,100	28.4	159.3	15,100	191
195				11.0	116.1	16,500	19.7	138.6	15,500	25.4	151.4	14,500	195
197				6.3	102.2	16,100	17.2	131.7	15,200	23.6	146.7	14,200	197
200							13.6	121.4	14,800	21.0	139.5	13,800	200
204							4.8	95.4	14,100	16.6	127.1	13,300	204
205										15.5	124.0	13,100	205
210										6.2	96.8	12,500	210

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



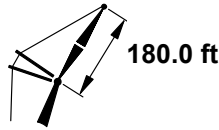
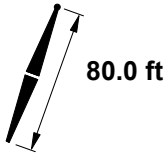
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
55	76.0	262.4	64,400							55
60	74.3	261.0	63,800							60
64	73.0	259.8	63,300	73.9	260.4	72,400				64
65	72.6	259.5	63,200	73.6	260.1	72,300				65
70	71.0	257.8	62,600	71.9	258.5	71,700				70
75	69.3	255.9	62,000	70.2	256.8	71,100				75
77	68.6	255.1	61,800	69.5	256.0	69,600	70.9	257.0	69,000	77
80	67.5	253.9	61,500	68.5	254.8	67,300	69.9	255.9	65,600	80
85	65.8	251.7	61,000	66.8	252.7	62,100	68.2	254.0	60,500	85
90	64.0	249.3	56,200	65.0	250.5	57,600	66.5	251.8	56,000	90
95	62.3	246.8	51,900	63.3	248.0	53,600	64.7	249.5	52,100	95
100	60.4	244.0	48,100	61.4	245.3	50,000	63.0	247.0	48,600	100
105	58.6	241.0	44,700	59.6	242.4	46,500	61.1	244.3	45,500	105
110	56.7	237.8	41,600	57.7	239.4	43,300	59.3	241.4	42,700	110
111	56.3	237.1	41,100	57.4	238.7	42,700	58.9	240.8	42,200	111
115	54.7	234.3	38,900	55.8	236.0	40,400	57.4	238.3	40,100	115
120	52.8	230.6	36,400	53.9	232.5	37,700	55.5	234.9	37,800	120
125	50.7	226.6	34,100	51.9	228.6	35,300	53.5	231.3	35,700	125
130	48.6	222.3	32,000	49.8	224.5	33,100	51.5	227.4	33,700	130
131	48.2	221.3	31,600	49.4	223.6	32,700	51.1	226.6	33,400	131
135	46.5	217.6	30,100	47.7	220.0	31,100	49.4	223.2	31,900	135
140	44.2	212.6	28,300	45.5	215.2	29,300	47.3	218.7	30,300	140
145	41.8	207.2	26,700	43.2	210.0	27,600	45.1	213.9	28,800	145
150	39.4	201.3	25,200	40.8	204.4	26,000	42.8	208.6	27,300	150
151	38.9	200.0	24,900	40.3	203.2	25,700	42.3	207.4	27,000	151
155	36.8	194.8	23,800	38.2	198.2	24,500	40.4	202.9	25,700	155
160	34.0	187.6	22,500	35.6	191.5	23,200	37.8	196.6	24,300	160
165	31.0	179.7	21,200	32.7	184.0	21,900	35.1	189.7	22,900	165
170	27.7	170.6	20,100	29.6	175.6	20,700	32.2	182.1	21,700	170
175	24.0	160.1	19,000	26.1	165.9	19,600	29.0	173.5	20,500	175
180	19.6	147.4	18,000	22.2	154.6	18,500	25.5	163.7	19,400	180
185	14.0	130.4	15,700	17.4	140.3	17,600	21.4	151.9	18,300	185
190	1.7	92.1	10,700	10.6	119.6	14,800	16.4	137.0	17,400	190
192				5.9	105.1	12,800	13.4	127.8	16,400	192
195							8.9	114.0	15,100	195
196							6.4	106.1	14,000	196
200										200
201										201
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214										214
215										215
220										220

MLC250 S-2

ASME B30.5



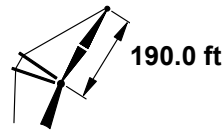
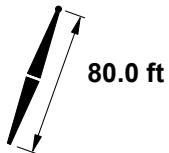
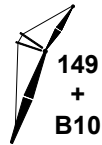
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
55													55
60													60
64													64
65													65
70													70
75													75
77													77
80													80
85													85
90	67.9	252.9	54,500										90
95	66.2	250.7	50,700										95
100	64.4	248.4	47,200										100
105	62.6	245.8	44,200										105
110	60.8	243.1	41,400										110
111	60.5	242.5	40,900	62.9	244.5	38,900							111
115	59.0	240.2	38,900	61.5	242.4	37,000							115
120	57.1	237.0	36,700	59.6	239.5	34,800							120
125	55.2	233.6	34,600	57.8	236.4	32,800							125
130	53.2	229.9	32,700	55.9	233.1	31,000							130
131	52.8	229.1	32,400	55.5	232.4	30,700	58.0	234.5	29,000				131
135	51.2	226.0	31,000	53.9	229.5	29,300	56.5	231.9	27,700				135
140	49.1	221.7	29,300	51.9	225.7	27,800	54.5	228.4	26,300				140
145	46.9	217.2	27,800	49.8	221.6	26,300	52.5	224.7	24,900				145
150	44.7	212.2	26,500	47.7	217.1	25,000	50.5	220.6	23,600				150
151	44.2	211.2	26,200	47.2	216.2	24,800	50.1	219.8	23,400	52.7	222.1	22,000	151
155	42.4	206.9	25,200	45.5	212.3	23,800	48.4	216.3	22,400	51.1	218.9	21,100	155
160	39.9	201.1	23,900	43.2	207.1	22,600	46.2	211.6	21,300	49.0	214.7	20,000	160
165	37.3	194.7	22,800	40.8	201.5	21,500	43.9	206.5	20,200	46.8	210.1	19,000	165
170	34.6	187.7	21,700	38.3	195.3	20,500	41.6	201.1	19,200	44.6	205.1	18,000	170
175	31.7	180.0	20,700	35.6	188.6	19,500	39.1	195.1	18,300	42.2	199.8	17,200	175
180	28.4	171.2	19,800	32.7	181.1	18,600	36.5	188.5	17,400	39.8	193.9	16,300	180
185	24.8	161.0	18,900	29.6	172.7	17,700	33.7	181.3	16,600	37.2	187.5	15,500	185
190	20.7	148.8	18,000	26.2	163.1	16,900	30.6	173.2	15,800	34.5	180.5	14,800	190
192	18.5	142.5	17,700	24.6	158.6	16,600	29.3	169.5	15,500	33.3	177.4	14,500	192
195	15.4	133.1	17,200	22.2	151.8	16,100	27.3	164.0	15,100	31.5	172.7	14,100	195
196	13.7	127.8	16,800	21.3	148.9	16,000	26.6	161.9	14,900	30.9	170.9	13,900	196
200	6.8	106.6	15,200	17.4	137.6	15,400	23.6	153.3	14,400	28.3	163.8	13,400	200
201	2.4	92.9	13,400	16.1	133.4	15,200	22.7	150.7	14,200	27.5	161.8	13,200	201
205				10.7	117.0	14,600	19.1	140.2	13,700	24.6	153.6	12,700	205
207				6.1	102.7	14,300	16.7	133.1	13,400	22.9	148.7	12,500	207
210							13.2	122.5	13,000	20.4	141.3	12,100	210
214							4.6	95.7	12,400	16.1	128.5	11,600	214
215										15.1	125.3	11,500	215
220										6.0	97.2	10,900	220

MLC250 S-2

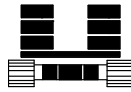
ASME B30.5



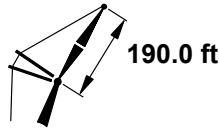
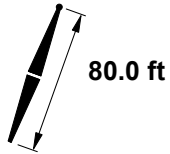
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
58	75.8	271.9	57,700							58
60	75.2	271.4	57,500							60
65	73.6	269.9	56,900							65
67	72.9	269.3	56,600	73.8	270.0	64,800				67
70	72.0	268.4	56,300	72.9	269.0	64,400				70
75	70.4	266.6	55,700	71.3	267.4	63,900				75
80	68.8	264.7	55,200	69.7	265.6	63,300	71.0	266.6	61,700	80
85	67.2	262.7	54,600	68.1	263.6	61,900	69.4	264.7	60,300	85
90	65.5	260.4	54,100	66.4	261.5	57,400	67.8	262.7	55,800	90
94	64.2	258.5	52,100	65.1	259.6	54,200	66.5	261.0	52,700	94
95	63.8	258.0	51,600	64.8	259.2	53,300	66.2	260.6	51,900	95
100	62.1	255.4	47,800	63.1	256.7	49,800	64.5	258.2	48,400	100
105	60.4	252.6	44,400	61.4	254.0	46,300	62.8	255.7	45,300	105
110	58.7	249.6	41,300	59.6	251.1	43,000	61.1	253.0	42,500	110
115	56.9	246.4	38,600	57.9	248.0	40,100	59.3	250.1	39,900	115
116	56.5	245.8	38,100	57.5	247.4	39,600	59.0	249.5	39,400	116
120	55.0	243.0	36,100	56.1	244.7	37,500	57.6	247.0	37,600	120
125	53.2	239.3	33,800	54.2	241.2	35,100	55.7	243.6	35,500	125
130	51.2	235.4	31,700	52.3	237.4	32,900	53.9	240.1	33,500	130
135	49.3	231.2	29,800	50.4	233.4	30,900	52.0	236.2	31,700	135
137	48.5	229.4	29,100	49.6	231.6	30,100	51.2	234.6	31,100	137
140	47.2	226.7	28,100	48.4	229.0	29,000	50.0	232.1	30,100	140
145	45.1	221.8	26,400	46.3	224.3	27,300	48.0	227.7	28,600	145
150	43.0	216.6	24,900	44.2	219.3	25,700	46.0	223.0	27,000	150
155	40.7	210.9	23,500	42.0	213.9	24,300	43.8	217.9	25,500	155
157	39.7	208.4	23,000	41.0	211.5	23,700	42.9	215.7	24,900	157
160	38.3	204.7	22,200	39.6	208.0	22,900	41.6	212.4	24,000	160
165	35.8	198.0	21,000	37.2	201.6	21,600	39.2	206.4	22,700	165
170	33.1	190.6	19,800	34.6	194.6	20,400	36.8	200.0	21,400	170
175	30.1	182.3	18,800	31.8	186.8	19,300	34.1	192.8	20,200	175
180	26.9	173.0	17,700	28.8	178.1	18,300	31.3	184.9	19,100	180
185	23.3	162.2	16,800	25.4	168.2	17,300	28.2	176.0	18,100	185
190	19.1	149.0	15,900	21.6	156.5	16,400	24.8	165.8	17,100	190
195	13.6	131.6	13,800	16.9	141.8	15,500	20.9	153.7	16,200	195
200	1.6	92.2	9,100	10.3	120.5	12,900	16.0	138.4	15,300	200
202				5.8	105.6	11,100	13.1	128.9	14,500	202
205							8.7	114.7	13,200	205
206							6.2	106.7	12,200	206
210										210
211										211
217										217
220										220
224										224
230										230

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ASME B30.5



184,600 lb
+
44,000 lb



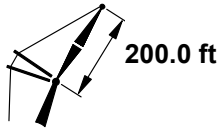
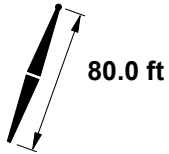
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
58													58
60													60
65													65
67													67
70													70
75													75
80													80
85													85
90													90
94	67.8	262.0	51,200										94
95	67.5	261.6	50,400										95
100	65.9	259.4	47,000										100
105	64.2	257.1	44,000										105
110	62.5	254.5	41,200										110
115	60.8	251.8	38,700										115
116	60.4	251.2	38,300	62.8	253.2	36,300							116
120	59.0	248.8	36,500	61.4	251.1	34,600							120
125	57.2	245.7	34,400	59.7	248.2	32,600							125
130	55.4	242.3	32,500	57.9	245.1	30,800							130
135	53.6	238.7	30,700	56.1	241.8	29,100							135
137	52.8	237.1	30,100	55.3	240.4	28,500	57.7	242.6	26,900				137
140	51.7	234.8	29,100	54.2	238.3	27,600	56.7	240.6	26,000				140
145	49.7	230.6	27,600	52.3	234.5	26,100	54.8	237.1	24,700				145
150	47.7	226.2	26,200	50.4	230.4	24,800	52.9	233.4	23,400				150
155	45.6	221.4	25,000	48.4	226.1	23,600	51.0	229.5	22,200				155
157	44.7	219.3	24,500	47.6	224.2	23,100	50.2	227.8	21,700	52.7	230.1	20,400	157
160	43.4	216.2	23,700	46.3	221.4	22,400	49.0	225.2	21,100	51.6	227.7	19,800	160
165	41.2	210.7	22,600	44.2	216.4	21,300	47.0	220.7	20,000	49.6	223.6	18,800	165
170	38.8	204.6	21,500	42.0	211.0	20,300	44.9	215.8	19,000	47.6	219.1	17,800	170
175	36.3	198.0	20,500	39.7	205.1	19,300	42.7	210.5	18,100	45.5	214.3	16,900	175
180	33.6	190.8	19,600	37.2	198.7	18,400	40.4	204.8	17,200	43.3	209.1	16,100	180
185	30.8	182.7	18,700	34.6	191.7	17,500	38.0	198.5	16,400	41.0	203.5	15,300	185
190	27.7	173.6	17,800	31.8	184.0	16,700	35.5	191.7	15,600	38.7	197.5	14,600	190
195	24.2	163.2	16,900	28.8	175.3	16,000	32.7	184.2	14,900	36.2	190.8	13,900	195
200	20.1	150.6	16,000	25.5	165.4	15,200	29.8	175.9	14,200	33.5	183.5	13,200	200
202	18.0	144.1	15,600	23.9	160.7	14,900	28.5	172.1	13,900	32.4	180.3	12,900	202
205	15.0	134.4	15,100	21.6	153.7	14,500	26.6	166.4	13,500	30.6	175.4	12,500	205
206	13.3	128.9	14,800	20.7	150.7	14,400	25.8	164.2	13,400	30.0	173.6	12,400	206
210	6.6	107.1	13,300	17.0	139.0	13,800	22.9	155.3	12,900	27.5	166.3	11,900	210
211	2.4	93.1	11,700	15.4	133.9	13,700	21.9	152.2	12,700	26.7	164.0	11,800	211
217				5.9	103.2	12,900	15.9	133.1	12,000	22.1	150.0	11,100	217
220							12.9	123.6	11,600	19.9	143.0	10,800	220
224							4.5	96.1	11,100	14.2	124.9	10,300	224
230										5.8	97.7	9,600	230

MLC250 S-2

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184,600 lb
+
44,000 lb



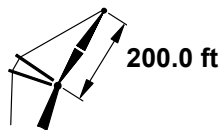
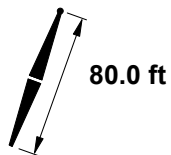
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
60	75.9	281.7	51,400						60	
65	74.4	280.4	50,800						65	
70	72.9	278.9	50,200	73.8	279.5	57,500			70	
75	71.4	277.2	49,700	72.3	277.9	56,900			75	
80	69.9	275.4	49,100	70.7	276.2	56,300			80	
84	68.7	273.9	48,700	69.5	274.7	55,800	70.8	275.8	54,500	84
85	68.4	273.5	48,600	69.2	274.4	55,700	70.5	275.4	54,400	85
90	66.8	271.4	48,100	67.7	272.4	55,200	69.0	273.5	54,000	90
95	65.2	269.1	47,600	66.1	270.2	53,000	67.4	271.5	51,500	95
98	64.3	267.7	47,300	65.2	268.8	50,800	66.5	270.2	49,400	98
100	63.6	266.7	47,100	64.5	267.8	49,400	65.9	269.3	48,000	100
105	62.0	264.1	44,500	62.9	265.3	46,200	64.3	266.9	44,800	105
110	60.4	261.3	41,400	61.3	262.6	43,100	62.7	264.4	42,000	110
115	58.7	258.3	38,600	59.7	259.8	40,100	61.0	261.7	39,500	115
120	57.0	255.1	36,000	58.0	256.7	37,400	59.4	258.7	37,200	120
125	55.3	251.7	33,700	56.3	253.4	35,000	57.7	255.6	35,100	125
130	53.5	248.1	31,600	54.5	249.9	32,700	56.0	252.3	33,100	130
135	51.7	244.2	29,600	52.7	246.2	30,700	54.2	248.8	31,300	135
140	49.8	240.1	27,800	50.9	242.2	28,800	52.4	245.0	29,700	140
142	49.1	238.3	27,200	50.1	240.5	28,100	51.7	243.4	29,100	142
145	47.9	235.7	26,200	49.0	237.9	27,100	50.6	241.0	28,100	145
150	46.0	230.9	24,600	47.1	233.4	25,500	48.7	236.7	26,700	150
155	43.9	225.9	23,200	45.1	228.5	24,000	46.7	232.1	25,200	155
160	41.8	220.4	21,900	43.0	223.3	22,600	44.7	227.1	23,700	160
163	40.5	216.9	21,100	41.7	219.9	21,800	43.5	223.9	22,900	163
165	39.6	214.5	20,600	40.8	217.6	21,300	42.6	221.8	22,400	165
170	37.3	208.1	19,500	38.6	211.5	20,100	40.5	216.1	21,100	170
175	34.8	201.2	18,400	36.2	204.9	19,000	38.2	209.9	19,900	175
180	32.2	193.5	17,300	33.7	197.6	17,900	35.8	203.2	18,800	180
185	29.4	185.0	16,400	31.0	189.6	16,900	33.2	195.8	17,700	185
190	26.2	175.3	15,500	28.0	180.6	16,000	30.5	187.6	16,700	190
195	22.7	164.2	14,600	24.8	170.4	15,100	27.5	178.5	15,800	195
200	18.6	150.6	13,800	21.0	158.3	14,200	24.2	168.0	14,900	200
205	13.3	132.7	11,700	16.5	143.2	13,400	20.3	155.5	14,100	205
210	1.6	92.3	7,400	10.0	121.4	11,000	15.6	139.7	13,300	210
212				5.6	106.0	9,300	12.7	130.0	12,500	212
215							8.5	115.4	11,300	215
216							6.1	107.2	10,400	216
220										220
221										221
227										227
230										230
234										234
240										240

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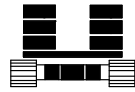
184,600 lb
+
44,000 lb



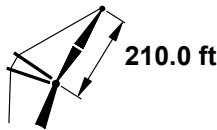
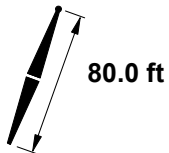
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
60													60
65													65
70													70
75													75
80													80
84													84
85													85
90													90
95													95
98	67.8	271.2	47,900										98
100	67.1	270.4	46,600										100
105	65.6	268.1	43,500										105
110	64.0	265.7	40,800										110
115	62.4	263.2	38,300										115
120	60.7	260.4	36,000	62.9	262.4	34,100							120
125	59.1	257.5	34,000	61.3	259.7	32,100							125
130	57.4	254.3	32,100	59.7	256.8	30,300							130
135	55.7	251.0	30,300	58.0	253.8	28,700							135
140	53.9	247.4	28,700	56.3	250.5	27,100							140
142	53.2	245.9	28,100	55.6	249.1	26,500	57.9	251.2	25,000				142
145	52.1	243.6	27,200	54.5	247.0	25,700	56.8	249.3	24,200				145
150	50.3	239.5	25,800	52.7	243.3	24,300	55.1	245.9	22,900				150
155	48.4	235.2	24,500	50.9	239.3	23,100	53.3	242.2	21,700				155
160	46.4	230.5	23,300	49.0	235.0	21,900	51.5	238.3	20,600				160
163	45.2	227.5	22,600	47.9	232.3	21,300	50.4	235.8	20,000	52.7	238.1	18,700	163
165	44.4	225.5	22,200	47.1	230.5	20,900	49.6	234.1	19,500	52.0	236.5	18,300	165
170	42.3	220.1	21,100	45.1	225.6	19,800	47.7	229.7	18,600	50.2	232.5	17,300	170
175	40.1	214.3	20,100	43.0	220.4	18,900	45.7	224.9	17,600	48.3	228.1	16,400	175
180	37.8	208.1	19,200	40.9	214.7	18,000	43.7	219.8	16,800	46.3	223.4	15,600	180
185	35.3	201.2	18,300	38.6	208.6	17,100	41.6	214.3	16,000	44.3	218.4	14,800	185
190	32.8	193.7	17,400	36.2	202.0	16,300	39.3	208.3	15,200	42.2	213.0	14,100	190
195	30.0	185.4	16,500	33.7	194.8	15,500	37.0	201.9	14,400	40.0	207.2	13,400	195
200	26.9	176.0	15,600	31.0	186.7	14,800	34.5	194.9	13,700	37.6	200.9	12,700	200
205	23.5	165.2	14,700	28.1	177.8	14,100	31.9	187.1	13,100	35.2	194.0	12,100	205
210	19.6	152.3	13,900	24.8	167.5	13,400	29.0	178.5	12,400	32.6	186.5	11,500	210
212	17.6	145.6	13,600	23.3	162.7	13,200	27.8	174.6	12,200	31.5	183.1	11,200	212
215	14.6	135.6	13,100	21.1	155.5	12,800	25.9	168.7	11,800	29.8	178.1	10,900	215
216	12.9	130.0	12,700	20.1	152.5	12,700	25.2	166.4	11,700	29.2	176.2	10,800	216
220	6.4	107.6	11,400	16.5	140.5	12,200	22.3	157.3	11,300	26.8	168.7	10,300	220
221	2.3	93.3	9,900	15.0	135.2	12,100	21.3	154.0	11,100	26.0	166.3	10,200	221
227				5.8	103.7	11,300	15.5	134.5	10,500	21.6	151.9	9,600	227
230							12.5	124.7	10,100	19.3	144.7	9,300	230
234							4.3	96.4	9,700	13.9	126.1	8,900	234
240										5.7	98.2	8,200	240

MLC250 S-2

ASME B30.5



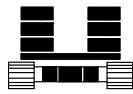
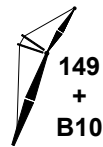
184,600 lb
+
44,000 lb



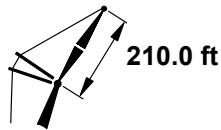
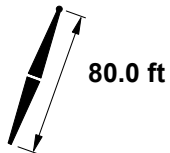
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
62	76.0	291.5	46,300							62
65	75.2	290.7	46,000							65
70	73.8	289.3	45,400							70
72	73.2	288.7	45,200	74.0	289.3	51,700				72
75	72.3	287.8	44,900	73.1	288.4	51,400				75
80	70.9	286.1	44,300	71.7	286.8	50,800				80
85	69.4	284.2	43,800	70.3	285.0	50,200				85
87	68.9	283.4	43,600	69.7	284.3	50,000	70.9	285.3	48,900	87
90	68.0	282.2	43,300	68.8	283.1	49,700	70.0	284.2	48,600	90
95	66.5	280.1	42,800	67.3	281.1	49,100	68.5	282.3	48,200	95
100	65.0	277.8	42,300	65.8	278.9	48,600	67.1	280.2	47,600	100
101	64.7	277.3	42,200	65.5	278.4	48,000	66.8	279.8	47,000	101
105	63.5	275.4	41,800	64.3	276.5	45,800	65.6	278.0	44,500	105
110	61.9	272.7	40,900	62.8	274.0	42,700	64.1	275.6	41,700	110
115	60.4	270.0	38,100	61.2	271.3	39,700	62.5	273.0	39,100	115
120	58.8	267.0	35,600	59.7	268.4	37,000	61.0	270.3	36,800	120
125	57.2	263.8	33,200	58.1	265.4	34,500	59.4	267.4	34,700	125
130	55.5	260.4	31,100	56.4	262.1	32,300	57.8	264.3	32,800	130
135	53.8	256.8	29,200	54.8	258.6	30,200	56.2	261.0	31,000	135
140	52.1	253.0	27,400	53.1	255.0	28,400	54.5	257.5	29,300	140
145	50.4	249.0	25,700	51.4	251.0	26,600	52.8	253.8	27,800	145
147	49.6	247.2	25,100	50.6	249.3	26,000	52.1	252.2	27,200	147
150	48.6	244.6	24,200	49.6	246.8	25,000	51.1	249.8	26,400	150
155	46.7	240.0	22,700	47.7	242.4	23,500	49.3	245.6	24,800	155
160	44.8	235.1	21,400	45.9	237.6	22,100	47.4	241.1	23,300	160
165	42.8	229.8	20,200	43.9	232.6	20,900	45.5	236.3	21,900	165
169	41.2	225.3	19,200	42.3	228.2	19,900	44.0	232.2	20,900	169
170	40.7	224.1	19,000	41.9	227.1	19,600	43.6	231.1	20,600	170
175	38.6	218.0	17,900	39.8	221.3	18,500	41.6	225.6	19,400	175
180	36.3	211.4	16,900	37.6	214.9	17,500	39.4	219.7	18,300	180
185	33.9	204.2	15,900	35.3	208.1	16,500	37.2	213.3	17,300	185
190	31.4	196.3	15,000	32.8	200.6	15,500	34.9	206.3	16,300	190
195	28.6	187.5	14,200	30.2	192.3	14,600	32.4	198.7	15,300	195
200	25.6	177.6	13,300	27.3	183.1	13,800	29.7	190.3	14,500	200
210	18.1	152.2	11,800	20.5	160.1	12,200	23.6	170.1	12,800	210
220	1.5	92.4	5,900	9.8	122.2	9,200	15.2	141.0	11,300	220
222				5.5	106.5	7,700	12.1	129.9	10,500	222
226							5.9	107.7	8,700	226
230										230
231										231
237										237
240										240
244										244
250										250

MLC250 S-2

ASME B30.5



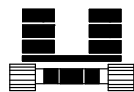
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
62													62
65													65
70													70
72													72
75													75
80													80
85													85
87													87
90													90
95													95
100													100
101	68.0	280.8	45,600										101
105	66.8	279.1	43,100										105
110	65.3	276.8	40,400										110
115	63.8	274.4	37,900										115
120	62.3	271.8	35,700										120
125	60.7	269.1	33,600	62.8	271.1	31,800							125
130	59.1	266.1	31,700	61.3	268.4	29,900							130
135	57.5	263.0	30,000	59.7	265.5	28,300							135
140	55.9	259.7	28,300	58.1	262.4	26,700							140
145	54.2	256.1	26,800	56.5	259.2	25,300							145
147	53.5	254.6	26,300	55.8	257.8	24,800	58.0	259.9	23,200				147
150	52.5	252.4	25,500	54.8	255.7	24,000	57.0	258.0	22,500				150
155	50.7	248.4	24,200	53.1	252.0	22,700	55.3	254.6	21,300				155
160	49.0	244.1	23,000	51.4	248.1	21,600	53.7	251.0	20,200				160
165	47.1	239.5	21,800	49.6	243.9	20,500	51.9	247.1	19,200				165
169	45.6	235.6	21,000	48.1	240.4	19,700	50.5	243.8	18,400	52.8	246.1	17,100	169
170	45.2	234.7	20,800	47.8	239.5	19,500	50.2	243.0	18,200	52.4	245.3	16,900	170
175	43.2	229.5	19,800	45.9	234.7	18,500	48.4	238.7	17,300	50.7	241.3	16,100	175
180	41.2	223.9	18,800	43.9	229.7	17,600	46.5	234.0	16,400	48.9	237.0	15,200	180
185	39.1	217.9	17,900	41.9	224.2	16,800	44.6	229.0	15,600	47.0	232.5	14,400	185
190	36.8	211.4	17,100	39.8	218.4	15,900	42.6	223.7	14,800	45.1	227.6	13,700	190
195	34.5	204.3	16,100	37.6	212.0	15,200	40.5	218.0	14,100	43.1	222.4	13,000	195
200	31.9	196.6	15,200	35.3	205.2	14,500	38.3	211.8	13,400	41.1	216.8	12,300	200
210	26.3	178.3	13,500	30.2	189.4	13,100	33.7	197.9	12,100	36.7	204.2	11,100	210
220	19.1	154.0	11,900	24.2	169.7	11,900	28.3	181.0	10,900	31.8	189.3	10,000	220
222	16.5	144.8	11,500	22.6	164.1	11,600	27.0	176.6	10,700	30.7	185.6	9,800	222
226	11.4	126.5	10,500	19.3	153.0	11,200	24.4	167.9	10,300	28.4	178.3	9,400	226
230	6.3	108.2	9,600	16.1	141.9	10,700	21.8	159.2	9,800	26.1	171.0	8,900	230
231	2.2	93.4	8,300	14.6	136.5	10,600	20.8	155.9	9,700	25.4	168.5	8,800	231
237				5.6	104.1	9,900	15.1	135.8	9,100	21.0	153.8	8,300	237
240							12.2	125.7	8,800	18.9	146.4	8,000	240
244							4.2	96.8	8,400	13.5	127.3	7,600	244
250										5.5	98.6	7,000	250

MLC250 S-2

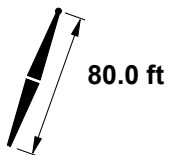
ASME B30.5



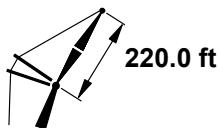
184,600 lb
+
44,000 lb



360°



80.0 ft

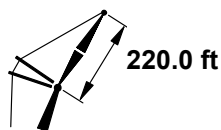
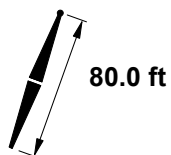


220.0 ft

	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
65	75.9	301.1	41,700						65	
70	74.5	299.7	41,100						70	
75	73.2	298.3	40,600	73.9	298.9	46,500			75	
80	71.8	296.6	40,100	72.6	297.3	45,900			80	
85	70.4	294.9	39,600	71.2	295.7	45,400			85	
90	69.0	293.0	39,000	69.8	293.9	44,800	71.0	294.9	43,800	90
95	67.6	291.0	38,600	68.4	291.9	44,300	69.6	293.0	43,400	95
100	66.2	288.8	38,100	67.0	289.8	43,700	68.2	291.1	42,900	100
105	64.8	286.5	37,600	65.6	287.6	43,200	66.8	288.9	42,500	105
110	63.3	284.0	37,100	64.1	285.2	42,200	65.3	286.7	41,200	110
115	61.8	281.4	36,700	62.7	282.7	39,200	63.9	284.3	38,700	115
120	60.4	278.6	35,100	61.2	280.0	36,500	62.4	281.7	36,400	120
125	58.8	275.6	32,700	59.7	277.1	34,000	60.9	279.0	34,300	125
129	57.6	273.1	31,000	58.5	274.6	32,200	59.7	276.7	32,700	129
130	57.3	272.5	30,600	58.2	274.0	31,800	59.4	276.1	32,300	130
135	55.7	269.1	28,600	56.6	270.8	29,700	57.9	273.0	30,500	135
140	54.1	265.6	26,900	55.0	267.4	27,800	56.3	269.7	28,900	140
145	52.5	261.8	25,200	53.4	263.7	26,100	54.8	266.2	27,400	145
150	50.8	257.8	23,700	51.8	259.8	24,500	53.1	262.6	25,800	150
153	49.8	255.3	22,800	50.8	257.4	23,600	52.1	260.2	24,900	153
155	49.1	253.6	22,200	50.1	255.7	23,000	51.5	258.6	24,300	155
160	47.4	249.0	20,900	48.4	251.4	21,600	49.8	254.5	22,800	160
165	45.6	244.2	19,700	46.6	246.7	20,300	48.1	250.1	21,400	165
170	43.7	239.1	18,500	44.7	241.8	19,100	46.3	245.4	20,100	170
175	41.8	233.6	17,400	42.9	236.5	18,000	44.4	240.4	18,900	175
180	39.8	227.8	16,400	40.9	230.9	16,900	42.5	235.1	17,800	180
185	37.7	221.4	15,400	38.8	224.8	15,900	40.5	229.3	16,800	185
190	35.5	214.6	14,500	36.7	218.3	15,000	38.5	223.2	15,800	190
195	33.1	207.2	13,600	34.4	211.2	14,100	36.3	216.6	14,800	195
200	30.6	199.0	12,800	32.0	203.5	13,300	34.0	209.4	13,900	200
205	27.9	190.0	12,000	29.5	194.9	12,500	31.6	201.6	13,100	205
210	25.0	179.8	11,300	26.7	185.4	11,700	29.0	192.9	12,300	210
215	21.7	168.0	10,600	23.6	174.6	11,000	26.2	183.2	11,600	215
220	17.7	153.8	9,900	20.0	161.9	10,300	23.0	172.1	10,800	220
225	12.6	134.9	8,100	15.7	146.0	9,600	19.3	158.9	10,200	225
230				9.5	123.0	7,500	14.8	142.3	9,500	230
232				5.3	106.9	6,000	11.8	130.9	8,700	232
236							5.8	108.1	7,000	236
240										240
241										241
247										247
250										250
254										254
260										260

MLC250 S-2

ASME B30.5



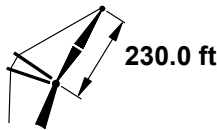
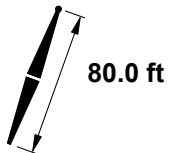
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105	67.9	290.0	42,700										105
110	66.5	287.8	39,900										110
115	65.1	285.5	37,500										115
120	63.6	283.1	35,200										120
125	62.2	280.5	33,100										125
129	61.0	278.3	31,600	63.0	280.3	29,800							129
130	60.7	277.7	31,300	62.7	279.7	29,500							130
135	59.2	274.8	29,500	61.2	277.0	27,800							135
140	57.6	271.7	27,900	59.7	274.2	26,300							140
145	56.1	268.4	26,400	58.2	271.1	24,800							145
150	54.5	264.9	25,000	56.6	267.9	23,500							150
153	53.5	262.6	24,300	55.7	265.8	22,800	57.7	267.9	21,300				153
155	52.9	261.2	23,700	55.0	264.4	22,300	57.1	266.6	20,800				155
160	51.2	257.2	22,500	53.4	260.8	21,100	55.6	263.3	19,700				160
165	49.5	253.0	21,400	51.8	256.9	20,000	54.0	259.7	18,700				165
170	47.7	248.5	20,300	50.1	252.8	19,000	52.3	255.9	17,700				170
175	46.0	243.8	19,300	48.4	248.5	18,100	50.6	251.9	16,800	52.8	254.1	15,600	175
180	44.1	238.7	18,400	46.6	243.8	17,200	48.9	247.6	15,900	51.1	250.1	14,700	180
185	42.2	233.3	17,500	44.8	238.9	16,300	47.2	243.0	15,100	49.4	245.9	13,900	185
190	40.2	227.6	16,600	42.9	233.6	15,500	45.4	238.2	14,300	47.7	241.5	13,200	190
195	38.1	221.4	15,600	40.9	228.0	14,700	43.5	233.0	13,600	45.9	236.7	12,500	195
200	35.9	214.6	14,700	38.9	221.9	14,000	41.5	227.5	12,900	44.0	231.6	11,900	200
205	33.6	207.4	13,800	36.7	215.4	13,300	39.5	221.6	12,300	42.1	226.2	11,200	205
210	31.2	199.4	12,900	34.5	208.3	12,700	37.4	215.2	11,600	40.1	220.4	10,600	210
215	28.5	190.5	12,200	32.1	200.6	12,100	35.2	208.3	11,000	38.0	214.2	10,100	215
220	25.6	180.6	11,400	29.5	192.1	11,500	32.9	200.8	10,500	35.8	207.4	9,500	220
225	22.4	169.2	10,700	26.7	182.6	10,900	30.3	192.6	9,900	33.5	200.1	9,000	225
230	18.6	155.6	10,000	23.6	171.8	10,300	27.6	183.4	9,400	31.1	192.1	8,500	230
232	16.1	146.2	9,600	22.0	166.1	10,100	26.3	179.0	9,200	29.9	188.3	8,300	232
236	11.1	127.4	8,800	18.9	154.6	9,700	23.8	170.0	8,800	27.7	180.8	7,900	236
240	6.1	108.7	7,900	15.7	143.2	9,300	21.2	161.1	8,400	25.5	173.2	7,500	240
241	2.2	93.6	6,600	14.3	137.7	9,200	20.3	157.6	8,300	24.8	170.7	7,400	241
247				5.5	104.6	8,500	14.7	137.1	7,700	20.5	155.6	6,800	247
250							11.9	126.8	7,500	18.4	148.0	6,500	250
254							4.1	97.1	7,100	13.2	128.4	6,100	254
260										5.4	99.1	5,500	260

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



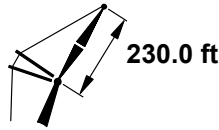
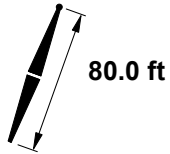
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
67	76.0	310.9	38,600							67
70	75.2	310.1	38,300							70
75	73.9	308.7	37,800							75
78	73.1	307.8	37,600	73.9	308.4	43,200				78
80	72.6	307.2	37,400	73.3	307.8	43,000				80
85	71.3	305.5	36,900	72.0	306.2	42,500				85
90	70.0	303.7	36,500	70.7	304.5	42,100				90
93	69.2	302.6	36,200	69.9	303.4	41,800	71.0	304.4	41,100	93
95	68.6	301.8	36,000	69.4	302.7	41,600	70.5	303.7	41,000	95
100	67.3	299.7	35,600	68.1	300.7	41,100	69.2	301.8	40,600	100
105	65.9	297.5	35,200	66.7	298.6	40,700	67.8	299.8	40,200	105
109	64.8	295.7	34,900	65.6	296.8	40,300	66.7	298.1	39,900	109
110	64.6	295.2	34,800	65.3	296.3	40,200	66.5	297.7	39,900	110
115	63.2	292.7	34,400	64.0	293.9	38,700	65.1	295.4	38,400	115
120	61.8	290.1	34,000	62.6	291.3	36,000	63.7	293.0	36,100	120
125	60.3	287.3	32,300	61.1	288.6	33,600	62.3	290.4	34,000	125
130	58.9	284.3	30,200	59.7	285.8	31,400	60.9	287.6	32,000	130
134	57.7	281.8	28,600	58.5	283.3	29,700	59.7	285.3	30,600	134
135	57.4	281.2	28,200	58.2	282.7	29,300	59.5	284.7	30,200	135
140	55.9	277.8	26,400	56.8	279.5	27,400	58.0	281.7	28,600	140
145	54.4	274.3	24,800	55.3	276.1	25,700	56.5	278.4	27,100	145
150	52.8	270.6	23,200	53.7	272.5	24,100	55.0	275.0	25,400	150
155	51.3	266.6	21,800	52.1	268.6	22,600	53.5	271.3	23,800	155
158	50.3	264.1	21,000	51.2	266.2	21,800	52.5	269.0	23,000	158
160	49.6	262.5	20,500	50.5	264.6	21,200	51.9	267.4	22,400	160
165	48.0	258.0	19,300	48.9	260.3	19,900	50.3	263.4	21,000	165
170	46.3	253.3	18,100	47.2	255.8	18,700	48.6	259.0	19,700	170
175	44.5	248.3	17,000	45.5	250.9	17,600	46.9	254.4	18,500	175
180	42.7	243.0	16,000	43.7	245.8	16,500	45.2	249.6	17,400	180
181	42.3	241.9	15,800	43.3	244.7	16,300	44.8	248.5	17,200	181
185	40.8	237.4	15,000	41.9	240.3	15,500	43.4	244.4	16,400	185
190	38.8	231.3	14,100	39.9	234.5	14,600	41.5	238.9	15,400	190
200	34.6	217.7	12,400	35.9	221.5	12,900	37.6	226.6	13,600	200
210	29.9	201.7	10,900	31.3	206.3	11,300	33.3	212.4	11,900	210
220	24.4	182.0	9,600	26.1	187.7	9,900	28.4	195.4	10,500	220
230	17.3	155.3	8,300	19.6	163.6	8,600	22.5	174.1	9,100	230
235	12.3	136.0	6,500	15.3	147.3	8,100	18.9	160.6	8,500	235
240				9.3	123.8	5,900	14.5	143.6	7,900	240
246							5.6	108.6	5,500	246
250										250
251										251
257										257
260										260
264										264

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



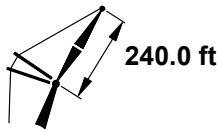
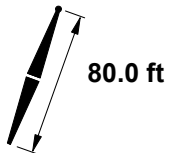
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
67													67
70													70
75													75
78													78
80													80
85													85
90													90
93													93
95													95
100													100
105													105
109	67.9	299.1	40,100										109
110	67.6	298.7	39,600										110
115	66.2	296.5	37,100										115
120	64.9	294.2	34,900										120
125	63.5	291.8	32,800										125
130	62.1	289.2	30,900										130
134	60.9	287.0	29,500	62.8	288.9	27,800							134
135	60.6	286.4	29,200	62.6	288.4	27,500							135
140	59.2	283.5	27,600	61.2	285.7	25,900							140
145	57.7	280.4	26,100	59.7	282.8	24,500							145
150	56.2	277.1	24,700	58.3	279.8	23,200							150
155	54.7	273.6	23,400	56.8	276.6	21,900							155
158	53.8	271.4	22,700	55.9	274.5	21,300	57.8	276.6	19,800				158
160	53.2	269.9	22,200	55.3	273.1	20,800	57.3	275.3	19,400				160
165	51.6	266.0	21,100	53.7	269.5	19,700	55.8	272.0	18,400				165
170	50.0	261.9	20,000	52.2	265.7	18,700	54.2	268.4	17,400				170
175	48.3	257.5	19,000	50.6	261.7	17,800	52.7	264.7	16,500				175
180	46.6	252.9	18,100	48.9	257.4	16,900	51.1	260.7	15,600				180
181	46.3	251.9	17,900	48.6	256.5	16,700	50.7	259.9	15,500	52.8	262.1	14,300	181
185	44.9	248.0	17,200	47.2	252.9	16,000	49.4	256.5	14,800	51.5	259.0	13,600	185
190	43.1	242.7	16,200	45.5	248.0	15,200	47.8	252.0	14,000	49.9	254.8	12,900	190
200	39.3	231.1	14,300	41.9	237.4	13,700	44.3	242.3	12,600	46.5	245.8	11,600	200
210	35.1	217.8	12,600	38.0	225.4	12,400	40.6	231.2	11,300	43.0	235.6	10,300	210
220	30.5	202.1	11,000	33.7	211.3	11,200	36.6	218.5	10,200	39.2	224.0	9,200	220
230	25.1	182.8	9,700	28.8	194.6	10,100	32.1	203.7	9,100	35.0	210.6	8,100	230
235	21.9	171.1	9,000	26.1	184.9	9,500	29.7	195.3	8,600	32.7	203.1	7,600	235
240	18.2	157.2	8,400	23.1	173.8	9,000	27.0	185.8	8,100	30.3	194.8	7,100	240
246	10.9	128.4	7,200	18.4	156.3	8,400	23.3	172.1	7,600	27.1	183.2	6,500	246
250	6.0	109.2	6,400	15.4	144.6	8,000	20.8	162.9	7,200	24.9	175.4	6,100	250
251	2.1	93.7	5,200	13.9	138.9	7,800	19.8	159.4	7,100	24.2	172.8	6,000	251
257				5.3	105.0	7,100	14.4	138.3	6,500	20.1	157.3	5,400	257
260							11.7	127.8	6,200	18.0	149.6	5,100	260
264							4.0	97.4	5,800				264

MLC250 S-2

ASME B30.5



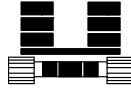
184,600 lb
+
44,000 lb



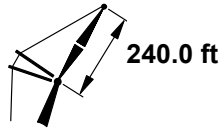
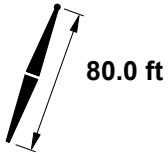
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
70	75.8	320.5	34,800						70	
75	74.6	319.1	34,300						75	
80	73.4	317.6	33,900						80	
81	73.1	317.3	33,800	73.8	318.0	38,900			81	
85	72.1	316.1	33,500	72.8	316.7	38,500			85	
90	70.9	314.4	33,000	71.6	315.1	38,000			90	
95	69.6	312.5	32,600	70.3	313.3	37,600			95	
97	69.1	311.7	32,500	69.8	312.6	37,400	70.8	313.6	36,800	97
100	68.3	310.6	32,200	69.0	311.4	37,100	70.1	312.5	36,600	100
105	67.0	308.5	31,800	67.7	309.4	36,700	68.8	310.6	36,300	105
110	65.7	306.3	31,400	66.4	307.3	36,300	67.5	308.6	35,900	110
113	64.9	304.8	31,200	65.6	305.9	36,000	66.7	307.3	35,700	113
115	64.4	303.9	31,000	65.1	305.0	35,900	66.2	306.4	35,500	115
120	63.0	301.4	30,700	63.8	302.6	35,500	64.9	304.1	35,200	120
125	61.7	298.7	30,300	62.4	300.0	33,100	63.6	301.6	33,500	125
130	60.3	295.9	29,700	61.1	297.3	30,900	62.2	299.0	31,600	130
135	58.9	293.0	27,700	59.7	294.4	28,800	60.9	296.3	29,800	135
138	58.1	291.1	26,700	58.9	292.6	27,700	60.0	294.6	28,800	138
140	57.5	289.8	25,900	58.3	291.4	26,900	59.5	293.4	28,200	140
145	56.1	286.5	24,300	56.9	288.2	25,200	58.1	290.3	26,600	145
150	54.6	283.0	22,700	55.5	284.8	23,600	56.7	287.1	24,900	150
155	53.2	279.3	21,300	54.0	281.2	22,100	55.2	283.7	23,300	155
160	51.6	275.4	20,000	52.5	277.4	20,700	53.7	280.1	21,900	160
163	50.7	273.0	19,200	51.6	275.0	19,900	52.8	277.8	21,100	163
165	50.1	271.3	18,700	51.0	273.4	19,400	52.2	276.2	20,500	165
170	48.5	267.0	17,600	49.4	269.2	18,200	50.7	272.2	19,200	170
175	46.9	262.4	16,500	47.8	264.8	17,100	49.1	268.0	18,000	175
180	45.2	257.5	15,500	46.2	260.0	16,000	47.5	263.5	16,900	180
185	43.5	252.3	14,500	44.5	255.0	15,000	45.9	258.7	15,900	185
187	42.8	250.1	14,100	43.8	252.9	14,700	45.2	256.7	15,500	187
190	41.7	246.9	13,600	42.7	249.7	14,100	44.2	253.6	14,900	190
195	39.9	241.0	12,700	40.9	244.1	13,200	42.4	248.3	13,900	195
200	38.0	234.7	11,900	39.1	238.1	12,400	40.6	242.6	13,000	200
205	36.0	228.0	11,100	37.1	231.6	11,600	38.7	236.5	12,200	205
210	33.9	220.8	10,400	35.1	224.7	10,800	36.8	230.0	11,400	210
220	29.3	204.3	9,000	30.6	209.0	9,400	32.5	215.3	10,000	220
230	23.9	184.1	7,800	25.5	190.0	8,100	27.7	197.9	8,600	230
240	16.9	156.8	6,700	19.1	165.3	7,000	22.0	176.0	7,400	240
245				15.0	148.6	6,400	18.5	162.2	6,900	245
250							14.2	144.8	6,300	250
255										255
260										260
265										265
267										267

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



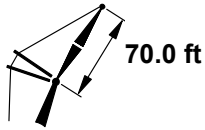
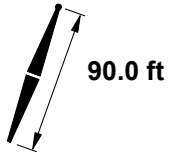
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
70													70
75													75
80													80
81													81
85													85
90													90
95													95
97													97
100													100
105													105
110													110
113	67.8	308.3	37,700										113
115	67.3	307.5	36,700										115
120	66.0	305.3	34,400										120
125	64.7	302.9	32,400										125
130	63.3	300.5	30,500										130
135	62.0	297.8	28,800										135
138	61.2	296.2	27,800	63.0	298.1	26,100							138
140	60.6	295.1	27,200	62.5	297.1	25,500							140
145	59.2	292.1	25,700	61.1	294.4	24,000							145
150	57.8	289.0	24,300	59.7	291.5	22,700							150
155	56.4	285.8	23,000	58.3	288.5	21,500							155
160	55.0	282.3	21,800	56.9	285.2	20,300							160
163	54.1	280.1	21,100	56.0	283.2	19,700	57.9	285.3	18,300				163
165	53.5	278.7	20,700	55.5	281.9	19,300	57.4	284.0	17,900				165
170	52.0	274.8	19,600	54.0	278.3	18,300	55.9	280.7	16,900				170
175	50.4	270.8	18,600	52.5	274.5	17,300	54.5	277.2	16,000				175
180	48.9	266.5	17,700	51.0	270.5	16,400	53.0	273.4	15,100				180
185	47.2	261.9	16,700	49.4	266.3	15,600	51.5	269.5	14,300				185
187	46.6	260.0	16,300	48.8	264.5	15,200	50.9	267.9	14,000	52.8	270.1	12,900	187
190	45.6	257.1	15,700	47.8	261.8	14,800	49.9	265.4	13,600	51.9	267.8	12,400	190
195	43.9	252.0	14,700	46.2	257.1	14,000	48.3	261.0	12,900	50.4	263.7	11,700	195
200	42.1	246.6	13,800	44.5	252.1	13,300	46.7	256.4	12,200	48.8	259.4	11,100	200
205	40.3	240.8	12,900	42.8	246.8	12,600	45.0	251.5	11,500	47.2	254.8	10,400	205
210	38.4	234.6	12,100	41.0	241.2	12,000	43.3	246.3	10,900	45.5	250.0	9,900	210
220	34.3	220.9	10,500	37.1	228.7	10,800	39.7	234.9	9,700	42.0	239.4	8,600	220
230	29.8	204.8	9,100	32.9	214.3	9,600	35.8	221.8	8,700	38.3	227.5	7,500	230
240	24.5	185.0	7,900	28.2	197.2	8,600	31.4	206.5	7,600	34.2	213.7	6,400	240
245	21.4	173.0	7,300	25.5	187.2	8,100	29.0	197.8	7,100	32.0	205.9	5,900	245
250	17.8	158.8	6,700	22.6	175.8	7,500	26.4	188.2	6,600	29.7	197.5	5,400	250
255	13.3	140.4	6,200	19.2	162.5	6,900	23.6	177.3	6,100				255
260				15.0	145.9	6,300	20.3	164.7	5,600				260
265				9.2	122.0	5,800	16.5	149.4	5,100				265
267				5.2	105.4	5,600							267

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



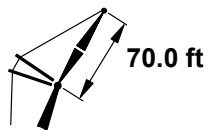
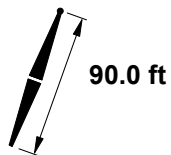
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
30	74.8	165.3	158,000 d							30
32	73.1	164.6	158,000 d							32
34	71.4	164.0	158,000 d							34
35	70.5	163.6	158,000 d	73.2	164.4	158,000 d				35
36	69.6	163.2	158,000 d	72.3	164.1	158,000 d				36
38	67.8	162.4	158,000 c	70.6	163.4	158,000 d				38
40	66.0	161.5	154,600 b	68.8	162.6	158,000 d				40
43	63.3	159.9	146,400 b	66.1	161.3	152,300 d	70.3	162.7	154,300 d	43
45	61.4	158.9	140,900 b	64.3	160.3	148,500 b	68.6	161.9	145,100 d	45
50	56.6	155.8	129,300	59.7	157.6	129,100 b	64.0	159.6	126,100 b	50
51	55.6	155.0	126,600	58.7	156.9	126,000 b	63.1	159.0	123,100 b	51
55	51.5	152.0	115,600	54.7	154.2	113,900	59.4	156.8	111,300 b	55
60	45.9	147.5	103,300	49.5	150.2	101,800	54.4	153.4	99,400	60
64	41.0	143.0	95,200	44.9	146.2	93,800	50.2	150.1	91,600	64
65	39.8	141.9	93,200	43.7	145.3	91,800	49.1	149.3	89,700	65
70	32.7	134.8	84,700	37.3	139.2	83,500	43.3	144.3	81,600	70
75	23.7	125.0	77,500	29.6	131.3	76,400	36.8	138.2	74,700	75
77	17.1	117.2	69,200	25.5	126.7	73,900	33.7	135.0	72,300	77
80	7.2	105.5	56,800	19.3	119.8	70,200	29.1	130.1	68,700	80
83				8.1	106.4	59,700	22.7	123.0	65,600	83
85							18.5	118.2	63,500	85
88							5.5	102.7	59,600	88
89										89
90										90
92										92
95										95
100										100
105										105
107										107
110										110
115										115

MLC250 S-2

ASME B30.5



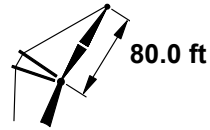
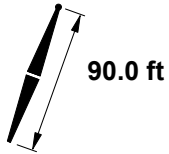
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
30													30
32													32
34													34
35													35
36													36
38													38
40													40
43													43
45													45
50													50
51	67.3	160.5	120,000 c										51
55	63.7	158.6	108,700 b										55
60	59.0	155.8	97,100 b										60
64	55.0	153.0	89,500 b	62.4	156.0	85,800 b							64
65	54.0	152.3	87,600	61.5	155.4	84,100 b							65
70	48.7	148.2	79,700	56.7	152.3	76,500							70
75	42.9	143.1	72,900	51.6	148.6	70,000							75
77	40.3	140.6	70,600	49.3	146.7	67,800	57.1	150.1	64,900				77
80	36.3	136.9	67,100	46.0	144.0	64,400	54.1	147.9	61,800				80
83	31.6	131.9	64,100	42.4	140.7	61,500	50.9	145.4	59,000				83
85	28.5	128.7	62,100	39.9	138.4	59,600	48.8	143.8	57,100				85
88	21.9	121.2	59,400	35.6	134.2	57,100	45.3	140.8	54,700				88
89	19.7	118.7	58,500	34.2	132.8	56,200	44.1	139.8	53,900	52.2	143.3	51,600	89
90	17.5	116.2	57,600	32.8	131.4	55,300	43.0	138.8	53,100	51.1	142.5	50,800	90
92	10.0	107.3	55,800	29.2	127.5	53,800	40.3	136.2	51,600	48.9	140.7	49,400	92
95				23.9	121.7	51,500	36.4	132.5	49,500	45.6	137.9	47,400	95
100				7.8	102.7	48,000	28.6	124.3	46,200	39.4	132.2	44,300	100
105							17.6	112.0	43,200	32.2	125.0	41,500	105
107							10.3	103.2	42,100	28.5	121.0	40,400	107
110										23.0	115.0	38,900	110
115										3.9	92.3	36,400	115

MLC250 S-2

ASME B30.5



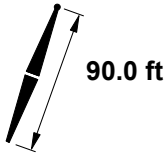
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
31	76.0	175.4	158,000 d							31
32	75.3	175.1	158,000 d							32
34	73.8	174.5	158,000 d							34
36	72.3	173.9	158,000 d							36
37	71.5	173.5	156,900 d	73.9	174.3	158,000 d				37
38	70.7	173.1	155,900 c	73.1	174.0	158,000 d				38
40	69.2	172.4	150,100 b	71.6	173.3	158,000 d				40
45	65.3	170.2	137,200 b	67.8	171.4	145,300 b				45
46	64.5	169.7	135,000 b	67.0	170.9	142,000 b	70.6	172.3	140,500 c	46
50	61.3	167.6	126,200	63.8	169.0	128,700 b	67.5	170.7	125,700 b	50
54	57.9	165.1	117,600	60.5	166.8	116,600 b	64.3	168.8	113,900 b	54
55	57.0	164.5	115,400	59.7	166.2	113,600	63.5	168.3	110,900 b	55
60	52.6	160.8	103,100	55.4	162.9	101,500	59.4	165.5	99,100	60
65	47.9	156.5	93,000	50.9	159.1	91,500	55.1	162.1	89,400	65
68	44.8	153.5	87,900	48.0	156.3	86,600	52.4	159.8	84,500	68
70	42.8	151.4	84,600	46.0	154.5	83,200	50.6	158.2	81,300	70
75	37.1	145.2	77,400	40.7	149.0	76,200	45.7	153.6	74,400	75
80	30.5	137.5	71,300	34.7	142.3	70,200	40.4	148.1	68,500	80
82	27.1	133.3	69,100	31.9	138.9	68,000	37.9	145.3	66,400	82
85	22.1	126.9	65,900	27.6	133.8	64,900	34.3	141.3	63,300	85
90	6.7	106.0	48,900	18.0	121.3	60,200	27.1	132.5	58,800	90
93				7.5	107.0	51,400	21.2	124.8	56,400	93
95							17.2	119.7	54,800	95
98							5.1	103.1	51,400	98
100										100
102										102
105										105
110										110
115										115
117										117
120										120
125										125

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



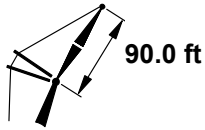
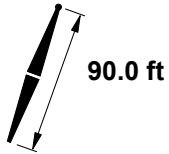
	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
31													31
32													32
34													34
36													36
37													37
38													38
40													40
45													45
46													46
50													50
54	68.0	170.1	110,800 b										54
55	67.2	169.7	108,200 b										55
60	63.3	167.3	96,600 b										60
65	59.1	164.4	87,200										65
68	56.5	162.4	82,400	63.0	165.2	78,800 b							68
70	54.8	161.1	79,300	61.3	164.1	76,000							70
75	50.2	157.1	72,600	57.1	161.0	69,500							75
80	45.3	152.4	66,800	52.7	157.4	64,000							80
82	43.2	150.2	64,800	50.8	155.7	62,100	57.5	158.7	59,300				82
85	40.0	146.8	61,800	48.0	153.1	59,200	54.9	156.7	56,600				85
90	33.9	139.9	57,400	42.9	148.0	55,000	50.3	152.7	52,600				90
93	29.5	134.6	55,000	39.4	144.3	52,700	47.4	149.9	50,400				93
95	26.5	131.0	53,500	37.2	141.8	51,200	45.4	148.0	49,000	52.3	151.3	46,800	95
98	20.4	123.0	51,300	33.2	137.2	49,200	42.2	144.7	47,100	49.5	148.7	45,000	98
100	16.3	117.6	49,900	30.6	134.1	47,900	40.0	142.4	45,800	47.6	147.0	43,800	100
102	9.3	108.1	48,500	27.2	129.9	46,700	37.6	139.7	44,700	45.5	144.9	42,700	102
105				22.3	123.6	44,900	33.9	135.6	42,900	42.4	141.8	41,000	105
110				7.2	103.3	42,000	26.6	126.7	40,300	36.7	135.6	38,500	110
115							16.4	113.4	37,900	30.0	127.7	36,300	115
117							9.6	104.0	36,900	26.6	123.4	35,400	117
120										21.5	116.9	34,200	120
125										3.6	92.5	32,100	125

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



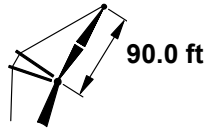
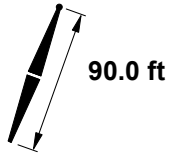
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
34	75.6	184.9	158,000 d							34
36	74.3	184.3	157,000 d							36
38	73.0	183.7	151,400 c							38
40	71.6	183.1	146,000 b	73.7	183.8	154,700 d				40
45	68.2	181.1	133,900 b	70.4	182.1	141,600 b				45
49	65.4	179.3	125,500 b	67.6	180.5	131,100 b	70.8	181.8	128,800 b	49
50	64.7	178.9	123,400	66.9	180.1	128,500 b	70.1	181.4	125,400 b	50
55	61.1	176.2	114,200	63.4	177.7	113,400	66.7	179.4	110,600 b	55
58	58.9	174.4	107,400	61.2	176.0	106,100	64.6	177.9	103,500 b	58
60	57.4	173.2	102,900	59.7	174.9	101,300	63.2	177.0	98,800	60
65	53.5	169.6	92,800	55.9	171.6	91,300	59.5	174.1	89,100	65
70	49.4	165.5	84,400	52.0	167.9	83,100	55.7	170.9	81,000	70
73	46.7	162.6	80,200	49.4	165.3	78,900	53.3	168.6	76,900	73
75	45.0	160.7	77,300	47.7	163.6	76,100	51.7	167.1	74,200	75
80	40.2	155.1	71,200	43.2	158.5	70,000	47.5	162.7	68,300	80
85	34.8	148.4	65,900	38.3	152.5	64,800	42.9	157.6	63,200	85
87	32.4	145.1	64,000	36.0	149.6	62,900	40.9	155.2	61,400	87
90	28.6	140.1	61,200	32.7	145.3	60,200	37.9	151.5	58,700	90
95	20.8	128.8	57,000	26.0	136.1	56,100	32.3	144.2	54,700	95
100	6.2	106.5	42,600	16.9	122.8	52,400	25.5	134.8	51,200	100
101				13.6	117.7	49,800	23.6	132.1	50,500	101
103				7.1	107.6	44,700	19.9	126.6	49,200	103
105							16.2	121.1	47,900	105
108							4.7	103.4	44,900	108
110										110
112										112
115										115
120										120
125										125
127										127
130										130
135										135

MLC250 S-2

ASME B30.5



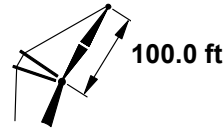
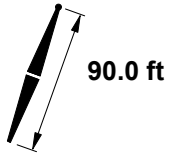
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
34													34
36													36
38													38
40													40
45													45
49													49
50													50
55													55
58	67.8	179.3	100,700 b										58
60	66.4	178.4	96,300 b										60
65	62.9	176.0	86,900										65
70	59.2	173.1	79,000										70
73	56.9	171.1	75,000	62.6	173.9	71,600							73
75	55.4	169.8	72,300	61.2	172.8	69,200							75
80	51.4	166.0	66,600	57.4	169.7	63,700							80
85	47.2	161.5	61,600	53.5	166.1	58,900							85
87	45.3	159.5	59,800	51.9	164.5	57,200	57.8	167.4	54,600				87
90	42.6	156.4	57,200	49.4	162.0	54,700	55.5	165.4	52,300				90
95	37.5	150.2	53,300	45.0	157.3	51,000	51.5	161.6	48,700				95
100	31.8	142.8	49,900	40.2	151.7	47,700	47.2	157.1	45,500				100
101	30.4	140.9	49,200	39.2	150.4	47,100	46.3	156.1	45,000	52.4	159.3	42,900	101
103	27.7	137.0	48,000	37.0	147.7	45,900	44.4	154.0	43,800	50.7	157.6	41,800	103
105	24.9	133.2	46,700	34.9	145.0	44,700	42.6	152.0	42,700	49.1	156.0	40,700	105
108	19.1	124.6	45,000	31.2	140.0	43,100	39.6	148.3	41,200	46.4	153.1	39,200	108
110	15.3	118.9	43,900	28.7	136.7	42,000	37.6	145.9	40,100	44.7	151.1	38,200	110
112	8.7	108.8	42,800	25.6	132.2	41,000	35.3	142.9	39,200	42.7	148.9	37,400	112
115				20.9	125.5	39,600	31.9	138.4	37,800	39.9	145.5	36,000	115
120				6.7	103.8	37,200	25.0	128.9	35,600	34.5	138.7	34,000	120
125							15.4	114.7	33,600	28.2	130.2	32,100	125
127							9.0	104.7	32,800	25.0	125.6	31,400	127
130										20.2	118.6	30,300	130
135										3.3	92.7	28,500	135

MLC250 S-2

ASME B30.5



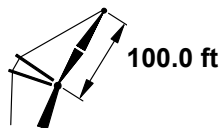
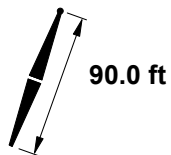
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
36	75.9	194.7	151,400 d							36
38	74.7	194.2	146,200 c							38
40	73.5	193.6	141,300 b							40
43	71.7	192.6	134,600 b	73.6	193.4	142,100 b				43
45	70.5	191.9	130,100 b	72.4	192.7	137,400 b				45
50	67.4	189.9	120,200	69.4	190.9	126,700 b				50
52	66.1	189.0	116,700	68.1	190.1	121,200 b	71.0	191.4	118,600 b	52
55	64.3	187.6	111,500	66.2	188.8	113,000	69.2	190.2	110,200 b	55
60	61.0	184.9	102,600	63.1	186.4	100,900	66.0	188.1	98,400	60
62	59.7	183.7	98,600	61.7	185.2	96,900	64.8	187.1	94,500	62
65	57.6	181.8	92,500	59.8	183.6	91,000	62.8	185.6	88,700	65
70	54.2	178.4	84,100	56.4	180.3	82,700	59.6	182.8	80,600	70
75	50.5	174.4	77,000	52.8	176.7	75,700	56.1	179.6	73,800	75
77	49.0	172.6	74,500	51.3	175.0	73,300	54.7	178.1	71,400	77
80	46.6	169.9	70,900	49.1	172.5	69,700	52.6	175.9	67,900	80
85	42.5	164.6	65,600	45.1	167.8	64,500	48.8	171.7	62,800	85
90	38.0	158.6	60,900	40.9	162.3	59,900	44.9	166.9	58,300	90
92	36.0	155.7	59,300	39.0	159.7	58,300	43.1	164.6	56,800	92
95	33.0	151.4	56,800	36.2	155.8	55,800	40.6	161.3	54,400	95
100	27.1	142.5	53,100	30.9	148.0	52,200	35.9	154.8	50,900	100
105	19.7	130.5	49,800	24.6	138.2	49,000	30.5	146.9	47,700	105
107	14.1	121.1	44,700	21.2	132.6	47,800	28.0	142.9	46,600	107
110	5.9	107.0	37,100	16.0	124.2	46,000	24.1	136.9	44,800	110
113				6.7	108.1	39,000	18.8	128.2	43,200	113
115							15.3	122.4	42,200	115
118							4.5	103.7	39,300	118
120										120
122										122
125										125
130										130
135										135
137										137
140										140
145										145

MLC250 S-2

ASME B30.5



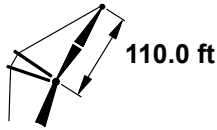
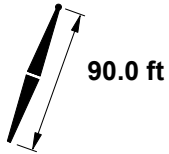
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
36													36
38													38
40													40
43													43
45													45
50													50
52													52
55													55
60													60
62	67.7	188.5	91,900										62
65	65.8	187.1	86,400										65
70	62.6	184.6	78,500										70
75	59.3	181.8	71,800										75
77	57.9	180.5	69,600	63.0	183.1	66,400							77
80	55.9	178.5	66,100	61.1	181.4	63,200							80
85	52.3	174.8	61,200	57.7	178.4	58,400							85
90	48.6	170.5	56,800	54.2	174.9	54,200							90
92	47.0	168.6	55,300	52.7	173.3	52,800	58.0	176.1	50,200				92
95	44.6	165.7	52,900	50.6	170.9	50,500	55.9	174.1	48,200				95
100	40.3	160.1	49,500	46.7	166.4	47,200	52.4	170.4	45,000				100
105	35.5	153.5	46,400	42.6	161.2	44,300	48.6	166.1	42,200				105
107	33.4	150.3	45,300	40.8	158.8	43,200	47.0	164.2	41,200	52.5	167.3	39,100	107
110	30.1	145.5	43,600	38.1	155.2	41,600	44.6	161.3	39,600	50.3	164.9	37,700	110
113	26.2	139.4	42,100	35.0	150.8	40,200	42.0	157.9	38,300	47.9	162.1	36,400	113
115	23.6	135.3	41,100	33.0	148.0	39,200	40.3	155.7	37,300	46.4	160.3	35,500	115
118	18.1	126.2	39,700	29.5	142.6	37,900	37.5	151.7	36,100	43.9	157.1	34,300	118
120	14.5	120.1	38,700	27.2	139.1	37,000	35.6	149.1	35,200	42.2	155.0	33,500	120
122	8.2	109.5	37,800	24.2	134.3	36,200	33.4	145.9	34,400	40.4	152.6	32,700	122
125				19.8	127.2	34,900	30.2	141.1	33,300	37.7	148.9	31,600	125
130				6.3	104.3	32,900	23.7	131.0	31,500	32.6	141.6	29,900	130
135							14.6	115.9	29,800	26.7	132.6	28,300	135
137							8.5	105.4	29,100	23.7	127.6	27,700	137
140										19.1	120.3	26,800	140
145										3.1	92.9	25,300	145

MLC250 S-2

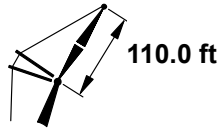
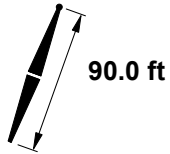
ASME B30.5



	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
39	75.6	204.3	137,400 b							39
40	75.1	204.0	136,500 b							40
45	72.3	202.5	126,300 b							45
46	71.8	202.1	124,400 b	73.5	202.9	131,100 b				46
50	69.6	200.7	117,000	71.3	201.6	123,300				50
55	66.8	198.6	108,800	68.5	199.7	112,900				55
56	66.2	198.1	107,400	68.0	199.3	110,500	70.6	200.6	107,500	56
60	63.9	196.2	101,600	65.7	197.5	100,800	68.3	199.0	98,300	60
65	60.9	193.5	92,400	62.8	195.0	90,900	65.5	196.8	88,600	65
66	60.3	192.9	90,800	62.2	194.5	89,200	64.9	196.3	87,000	66
70	57.9	190.5	84,000	59.8	192.2	82,600	62.6	194.3	80,500	70
75	54.7	187.1	76,900	56.7	189.0	75,600	59.6	191.5	73,700	75
80	51.4	183.2	70,800	53.5	185.5	69,600	56.5	188.3	67,800	80
82	50.0	181.5	68,700	52.2	183.8	67,500	55.2	186.8	65,800	82
85	48.0	178.9	65,500	50.2	181.4	64,400	53.3	184.6	62,700	85
90	44.3	174.0	60,900	46.6	176.9	59,900	49.9	180.6	58,300	90
95	40.4	168.4	56,800	42.9	171.7	55,800	46.4	176.0	54,300	95
98	37.8	164.5	54,600	40.5	168.2	53,700	44.1	172.9	52,200	98
100	36.1	161.9	53,100	38.9	165.8	52,200	42.6	170.8	50,800	100
105	31.4	154.2	49,900	34.4	158.9	49,000	38.6	164.8	47,700	105
110	25.8	144.7	46,900	29.4	150.7	46,100	34.1	157.9	44,800	110
113	21.5	137.1	45,100	25.8	144.4	44,500	31.1	152.8	43,300	113
115	18.7	132.1	44,000	23.4	140.3	43,400	29.0	149.5	42,300	115
120	5.5	107.4	32,900	15.2	125.5	40,900	23.0	138.9	39,900	120
123				6.3	108.6	34,700	17.9	129.7	38,600	123
125							14.6	123.6	37,700	125
128							4.2	104.0	35,000	128
130										130
132										132
135										135
140										140
145										145
147										147
150										150
155										155

MLC250 S-2

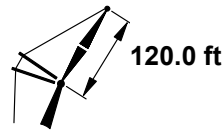
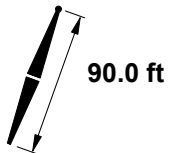
ASME B30.5



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
39													39
40													40
45													45
46													46
50													50
55													55
56													56
60													60
65													65
66	67.6	197.6	84,600										66
70	65.3	195.8	78,400										70
75	62.4	193.3	71,700										75
80	59.4	190.4	66,000										80
82	58.1	189.1	64,000	62.7	191.7	61,000							82
85	56.3	187.2	61,100	61.0	190.1	58,300							85
90	53.1	183.6	56,700	57.9	187.0	54,100							90
95	49.7	179.5	52,900	54.8	183.6	50,400							95
98	47.6	176.7	50,800	52.8	181.3	48,500	57.6	184.1	46,100				98
100	46.1	174.8	49,400	51.5	179.8	47,100	56.3	182.8	44,900				100
105	42.4	169.6	46,400	48.0	175.4	44,200	53.1	179.2	42,100				105
110	38.3	163.6	43,600	44.4	170.5	41,600	49.7	175.1	39,500				110
113	35.6	159.3	42,100	42.0	167.2	40,100	47.6	172.3	38,200	52.5	175.3	36,200	113
115	33.8	156.5	41,100	40.5	164.9	39,200	46.2	170.5	37,200	51.2	173.7	35,400	115
120	28.7	148.0	38,800	36.2	158.5	37,000	42.4	165.2	35,100	47.7	169.4	33,400	120
123	24.9	141.6	37,500	33.3	153.9	35,700	40.0	161.6	34,000	45.5	166.4	32,300	123
125	22.5	137.2	36,700	31.4	150.8	34,900	38.3	159.2	33,200	44.1	164.4	31,500	125
128	17.2	127.7	35,500	28.1	145.1	33,800	35.6	155.0	32,200	41.7	161.0	30,500	128
130	13.8	121.3	34,700	25.9	141.4	33,100	33.8	152.1	31,400	40.1	158.7	29,800	130
132	7.8	110.1	33,900	23.1	136.3	32,400	31.8	148.8	30,800	38.4	156.1	29,200	132
135				18.8	128.8	31,300	28.7	143.7	29,800	35.8	152.2	28,300	135
140				6.0	104.7	29,600	22.5	132.9	28,300	31.0	144.4	26,800	140
145							13.9	117.1	26,800	25.4	134.8	25,500	145
147							8.0	106.1	26,200	22.5	129.6	24,900	147
150										18.2	121.9	24,200	150
155										2.9	93.1	22,800	155

MLC250 S-2

ASME B30.5



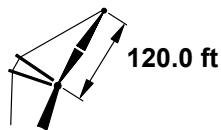
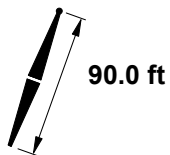
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
41	75.8	214.1	121,900 b							41
45	73.9	213.0	120,400 b							45
48	72.3	212.0	116,300 b	73.9	212.8	123,000 b				48
50	71.3	211.3	113,600	72.9	212.1	119,500				50
55	68.8	209.5	105,900	70.4	210.4	111,400				55
59	66.7	207.7	100,400	68.3	208.8	102,600	70.7	210.1	100,000	59
60	66.2	207.3	99,000	67.8	208.5	100,400	70.2	209.7	97,800	60
65	63.6	204.9	92,100	65.2	206.2	90,500	67.7	207.7	88,100	65
69	61.4	202.7	85,400	63.1	204.2	83,900	65.6	205.9	81,700	69
70	60.8	202.2	83,700	62.5	203.7	82,200	65.1	205.5	80,100	70
75	58.0	199.2	76,600	59.8	200.9	75,300	62.4	203.0	73,300	75
80	55.2	195.8	70,500	57.0	197.7	69,300	59.6	200.1	67,400	80
85	52.2	192.0	65,200	54.1	194.2	64,000	56.8	196.9	62,300	85
87	50.9	190.4	63,300	52.8	192.6	62,200	55.6	195.5	60,500	87
90	49.1	187.9	60,600	51.0	190.3	59,500	53.9	193.4	57,900	90
95	45.8	183.2	56,500	47.9	185.9	55,500	50.8	189.5	53,900	95
100	42.3	177.9	52,800	44.5	181.0	51,900	47.7	185.1	50,400	100
103	40.1	174.3	50,900	42.4	177.7	49,900	45.6	182.1	48,600	103
105	38.6	171.9	49,600	41.0	175.5	48,700	44.3	180.1	47,300	105
110	34.5	165.0	46,600	37.1	169.2	45,800	40.7	174.5	44,500	110
115	30.0	156.9	43,900	32.9	161.9	43,100	36.9	168.2	41,900	115
119	25.7	148.9	42,000	29.0	154.9	41,200	33.4	162.3	40,000	119
120	24.6	146.9	41,500	28.1	153.2	40,700	32.6	160.8	39,600	120
125	17.9	133.6	38,500	22.4	142.2	38,500	27.8	152.0	37,400	125
130	5.3	107.8	28,900	14.6	126.7	36,400	21.9	140.9	35,400	130
133				6.0	109.1	30,500	17.1	131.2	34,300	133
135							13.9	124.8	33,600	135
138							4.0	104.3	30,800	138
140										140
142										142
145										145
150										150
155										155
157										157
160										160
165										165

MLC250 S-2

ASME B30.5



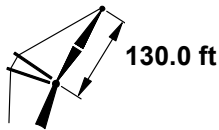
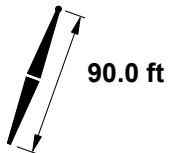
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
41													41
45													45
48													48
50													50
55													55
59													59
60													60
65													65
69	68.0	207.2	79,400										69
70	67.5	206.8	77,900										70
75	64.9	204.5	71,300										75
80	62.2	202.0	65,500										80
85	59.4	199.1	60,600										85
87	58.3	197.8	58,900	62.5	200.4	56,000							87
90	56.6	195.9	56,300	60.9	198.7	53,600							90
95	53.7	192.3	52,400	58.1	195.7	49,900							95
100	50.6	188.3	49,000	55.2	192.3	46,700							100
103	48.7	185.7	47,200	53.4	190.1	44,900	57.8	192.8	42,600				103
105	47.4	183.9	46,000	52.2	188.6	43,700	56.6	191.5	41,500				105
110	44.0	178.9	43,200	49.1	184.4	41,100	53.7	187.9	39,000				110
115	40.5	173.3	40,700	45.8	179.7	38,700	50.6	183.9	36,700				115
119	37.3	168.2	38,900	43.1	175.5	37,000	48.1	180.4	35,100	52.6	183.3	33,200	119
120	36.6	166.9	38,400	42.4	174.4	36,500	47.5	179.5	34,600	52.0	182.5	32,800	120
125	32.3	159.4	36,300	38.6	168.5	34,500	44.1	174.5	32,700	48.9	178.3	31,000	125
130	27.4	150.5	34,400	34.6	161.6	32,700	40.5	168.9	31,000	45.6	173.6	29,300	130
133	23.8	143.7	33,300	31.9	156.7	31,700	38.2	165.1	30,000	43.5	170.4	28,400	133
135	21.5	139.1	32,600	30.0	153.5	31,000	36.6	162.5	29,400	42.1	168.3	27,800	135
138	16.5	129.1	31,600	26.9	147.5	30,000	34.0	158.0	28,500	39.8	164.6	26,900	138
140	13.1	122.4	30,900	24.7	143.6	29,400	32.3	155.0	27,900	38.3	162.2	26,300	140
142	7.4	110.7	30,200	22.0	138.3	28,800	30.4	151.5	27,300	36.7	159.4	25,800	142
145				18.0	130.4	27,900	27.4	146.1	26,400	34.2	155.3	25,000	145
150				5.7	105.2	26,400	21.5	134.8	25,100	29.7	147.0	23,700	150
155							13.2	118.2	23,900	24.3	137.0	22,600	155
157							7.7	106.7	23,300	21.5	131.5	22,100	157
160										17.4	123.4	21,400	160
165										2.7	93.2	20,300	165

MLC250 S-2

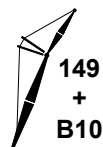
ASME B30.5



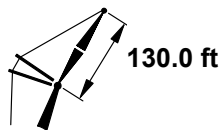
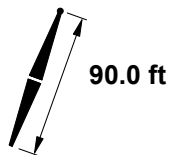
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
44	75.6	223.6	108,200 b							44
45	75.1	223.4	107,900							45
50	72.8	221.9	106,400							50
51	72.4	221.5	105,700	73.8	222.3	114,200				51
55	70.5	220.2	103,100	72.0	221.0	108,300				55
60	68.1	218.2	96,700	69.6	219.2	100,100				60
62	67.2	217.3	94,300	68.7	218.4	96,100	70.9	219.6	93,400	62
65	65.7	216.0	90,800	67.2	217.2	90,200	69.5	218.5	87,800	65
70	63.3	213.6	83,400	64.8	214.9	81,900	67.1	216.5	79,700	70
73	61.8	211.9	79,100	63.3	213.4	77,700	65.6	215.1	75,600	73
75	60.8	210.9	76,300	62.4	212.4	75,000	64.7	214.2	72,900	75
80	58.2	207.9	70,200	59.8	209.5	69,000	62.2	211.6	67,100	80
85	55.6	204.5	64,900	57.2	206.4	63,700	59.7	208.8	62,000	85
90	52.8	200.8	60,300	54.5	202.9	59,200	57.1	205.6	57,600	90
91	52.2	200.0	59,500	54.0	202.2	58,400	56.5	204.9	56,800	91
95	50.0	196.8	56,200	51.8	199.1	55,200	54.4	202.1	53,600	95
100	47.0	192.2	52,600	48.9	194.9	51,600	51.6	198.3	50,100	100
105	43.9	187.2	49,300	45.9	190.2	48,400	48.7	194.0	47,000	105
108	41.9	183.8	47,500	43.9	187.0	46,600	46.9	191.2	45,300	108
110	40.6	181.6	46,400	42.7	185.0	45,500	45.7	189.3	44,200	110
115	37.0	175.2	43,700	39.3	179.1	42,900	42.5	184.0	41,600	115
120	33.1	168.0	41,300	35.6	172.4	40,500	39.0	178.1	39,300	120
125	28.7	159.4	39,000	31.5	164.7	38,300	35.3	171.4	37,200	125
130	23.6	149.0	37,000	26.9	155.6	36,300	31.3	163.6	35,200	130
135	17.1	135.1	34,100	21.4	144.1	34,400	26.6	154.3	33,400	135
140	5.0	108.2	25,600	14.0	127.9	32,600	21.0	142.7	31,700	140
143				5.7	109.5	27,000	16.4	132.6	30,700	143
145							13.3	125.9	30,100	145
148							3.8	104.6	27,400	148
150										150
152										152
155										155
160										160
165										165
167										167
170										170
175										175

MLC250 S-2

ASME B30.5



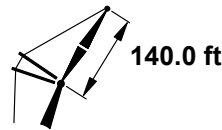
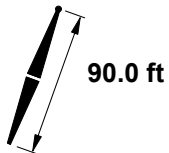
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
44													44
45													45
50													50
51													51
55													55
60													60
62													62
65													65
70													70
73	67.9	216.4	73,400										73
75	66.9	215.5	70,900										75
80	64.5	213.2	65,200										80
85	62.0	210.6	60,200										85
90	59.5	207.7	55,900										90
91	58.9	207.1	55,100	62.8	209.6	52,400							91
95	56.9	204.6	52,100	60.8	207.4	49,500							95
100	54.2	201.1	48,700	58.2	204.4	46,300							100
105	51.4	197.2	45,600	55.6	201.1	43,400							105
108	49.6	194.6	44,000	53.9	198.8	41,800	57.9	201.5	39,600				108
110	48.5	192.9	42,900	52.9	197.4	40,700	56.9	200.2	38,600				110
115	45.4	188.1	40,400	50.0	193.3	38,400	54.2	196.7	36,300				115
120	42.2	182.8	38,100	47.0	188.8	36,200	51.4	192.8	34,300				120
125	38.8	176.8	36,100	43.9	183.8	34,200	48.5	188.5	32,400	52.6	191.3	30,600	125
130	35.1	170.0	34,100	40.6	178.2	32,400	45.5	183.7	30,600	49.8	187.2	28,900	130
135	31.0	162.2	32,400	37.1	171.8	30,700	42.3	178.4	29,000	46.8	182.7	27,400	135
140	26.3	152.8	30,700	33.2	164.6	29,100	38.8	172.5	27,500	43.7	177.6	26,000	140
143	22.9	145.7	29,800	30.6	159.5	28,300	36.6	168.4	26,700	41.7	174.2	25,200	143
145	20.6	140.9	29,200	28.8	156.1	27,700	35.1	165.7	26,100	40.3	172.0	24,700	145
148	15.8	130.5	28,300	25.8	149.8	26,900	32.6	161.0	25,400	38.2	168.1	23,900	148
150	12.6	123.5	27,700	23.7	145.7	26,300	31.0	157.8	24,900	36.8	165.6	23,400	150
152	7.1	111.3	27,100	21.1	140.1	25,800	29.1	154.1	24,400	35.2	162.6	23,000	152
155				17.3	131.9	25,000	26.3	148.5	23,600	32.8	158.2	22,300	155
160				5.5	105.6	23,700	20.7	136.6	22,500	28.4	149.6	21,200	160
165							12.7	119.3	21,400	23.3	139.0	20,200	165
167							7.3	107.3	20,900	20.6	133.3	19,800	167
170										16.6	124.8	19,200	170
175										2.6	93.4	18,100	175

MLC250 S-2

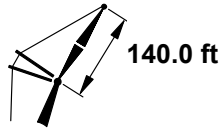
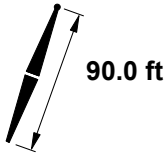
ASME B30.5



ft	88°			86°			83°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
46	75.8	233.5	96,600							46
50	74.1	232.3	95,700							50
54	72.4	231.1	94,700	73.7	231.8	106,100				54
55	72.0	230.8	94,400	73.3	231.5	104,700				55
60	69.8	229.0	93,100	71.1	229.9	98,500				60
65	67.6	227.0	88,500	69.0	228.0	89,800	71.0	229.2	87,300	65
70	65.3	224.7	83,000	66.7	225.9	81,500	68.8	227.3	79,300	70
75	63.1	222.3	75,900	64.5	223.6	74,600	66.6	225.2	72,500	75
77	62.1	221.2	73,500	63.6	222.6	72,200	65.7	224.3	70,100	77
80	60.7	219.5	69,800	62.2	221.0	68,600	64.3	222.9	66,600	80
85	58.3	216.5	64,600	59.8	218.2	63,400	62.0	220.3	61,600	85
90	55.9	213.2	59,900	57.4	215.1	58,800	59.7	217.4	57,100	90
95	53.4	209.6	55,800	54.9	211.7	54,800	57.3	214.3	53,200	95
96	52.8	208.8	55,100	54.4	210.9	54,100	56.8	213.6	52,500	96
100	50.7	205.6	52,200	52.4	207.9	51,200	54.8	210.9	49,700	100
105	48.0	201.3	48,900	49.7	203.8	48,000	52.2	207.1	46,600	105
110	45.2	196.4	46,000	47.0	199.3	45,100	49.6	203.0	43,800	110
114	42.8	192.2	43,900	44.7	195.3	43,000	47.3	199.3	41,700	114
115	42.2	191.1	43,300	44.1	194.3	42,500	46.8	198.4	41,200	115
120	39.0	185.2	40,900	41.0	188.7	40,100	43.9	193.4	38,900	120
125	35.6	178.5	38,700	37.8	182.5	37,900	40.8	187.8	36,800	125
130	31.8	170.8	36,500	34.2	175.5	35,900	37.5	181.5	34,800	130
131	31.0	169.0	36,100	33.5	173.9	35,600	36.8	180.1	34,500	131
135	27.7	161.9	34,500	30.3	167.4	34,100	34.0	174.4	33,000	135
140	22.8	151.0	32,700	25.9	157.9	32,400	30.1	166.3	31,400	140
145	16.5	136.5	30,000	20.6	145.9	30,700	25.6	156.6	29,800	145
150	4.8	108.6	22,400	13.4	129.0	28,800	20.2	144.5	28,300	150
153				5.5	110.0	23,700	15.8	134.0	27,500	153
155							12.8	127.0	26,900	155
158							3.7	104.9	24,100	158
160										160
162										162
165										165
170										170
175										175
177										177
180										180
185										185

MLC250 S-2

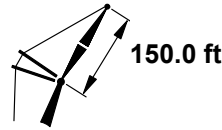
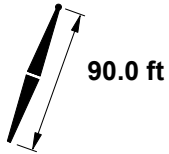
ASME B30.5



	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
46													46
50													50
54													54
55													55
60													60
65													65
70													70
75													75
77	67.8	225.5	68,000										77
80	66.4	224.2	64,700										80
85	64.2	221.9	59,800										85
90	61.9	219.3	55,400										90
95	59.5	216.4	51,600										95
96	59.0	215.8	50,900	62.6	218.3	48,300							96
100	57.1	213.3	48,200	60.8	216.1	45,800							100
105	54.6	209.8	45,200	58.4	213.1	42,900							105
110	52.0	206.0	42,400	55.9	209.8	40,200							110
114	49.9	202.7	40,500	53.9	206.9	38,300	57.6	209.5	36,200				114
115	49.4	201.8	40,000	53.4	206.1	37,900	57.1	208.9	35,800				115
120	46.6	197.2	37,700	50.8	202.2	35,700	54.6	205.4	33,700				120
125	43.7	192.2	35,600	48.1	197.8	33,700	52.1	201.6	31,900				125
130	40.6	186.5	33,700	45.2	193.0	31,900	49.4	197.4	30,100				130
131	39.9	185.3	33,400	44.6	191.9	31,600	48.8	196.5	29,800	52.7	199.3	28,100	131
135	37.3	180.2	32,000	42.2	187.7	30,200	46.6	192.8	28,500	50.6	196.1	26,800	135
140	33.7	173.1	30,300	39.1	181.7	28,700	43.7	187.8	27,000	47.8	191.7	25,400	140
145	29.8	164.8	28,800	35.6	175.1	27,200	40.6	182.2	25,700	45.0	186.9	24,100	145
150	25.3	155.0	27,400	31.9	167.4	25,900	37.3	175.9	24,400	42.0	181.5	22,900	150
153	22.0	147.6	26,600	29.4	162.1	25,100	35.2	171.6	23,700	40.1	177.9	22,200	153
155	19.8	142.7	26,100	27.7	158.5	24,600	33.8	168.7	23,200	38.8	175.5	21,800	155
158	15.2	131.8	25,300	24.8	152.0	23,900	31.4	163.8	22,500	36.7	171.5	21,100	158
160	12.1	124.5	24,800	22.8	147.7	23,500	29.8	160.5	22,100	35.4	168.8	20,700	160
162	6.9	111.8	24,300	20.3	141.9	23,000	28.0	156.6	21,600	33.9	165.7	20,300	162
165				16.6	133.3	22,300	25.3	150.7	21,000	31.6	161.1	19,700	165
170				5.2	106.0	21,200	19.9	138.4	20,000	27.4	152.0	18,700	170
175							12.2	120.3	19,000	22.4	141.0	17,800	175
177							7.0	107.9	18,600	19.8	135.0	17,500	177
180										16.0	126.2	17,000	180
185										2.5	93.6	16,000	185

MLC250 S-2

ASME B30.5



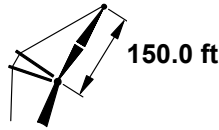
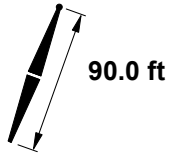
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
48	76.0	243.3	86,600							48
50	75.2	242.7	86,200							50
55	73.2	241.3	85,200							55
57	72.4	240.6	84,800	73.7	241.4	98,700				57
60	71.2	239.6	84,100	72.4	240.4	95,500				60
65	69.1	237.8	83,100	70.4	238.7	89,600				65
69	67.5	236.1	81,700	68.8	237.2	83,000	70.7	238.4	80,600	69
70	67.1	235.7	81,300	68.4	236.8	81,400	70.3	238.0	79,100	70
75	65.0	233.4	75,800	66.3	234.6	74,400	68.2	236.1	72,300	75
80	62.8	230.9	69,700	64.2	232.3	68,400	66.2	233.9	66,500	80
81	62.4	230.4	68,600	63.8	231.8	67,300	65.7	233.4	65,400	81
85	60.7	228.2	64,400	62.0	229.7	63,200	64.1	231.6	61,400	85
90	58.4	225.2	59,800	59.8	226.9	58,600	61.9	228.9	57,000	90
95	56.2	221.9	55,700	57.6	223.8	54,600	59.7	226.1	53,000	95
100	53.8	218.4	52,000	55.3	220.4	51,000	57.5	223.0	49,500	100
105	51.4	214.5	48,800	52.9	216.7	47,800	55.1	219.6	46,400	105
110	48.9	210.2	45,900	50.5	212.7	45,000	52.8	215.9	43,600	110
115	46.3	205.6	43,200	47.9	208.3	42,400	50.3	211.8	41,100	115
119	44.1	201.5	41,300	45.8	204.4	40,400	48.3	208.3	39,200	119
120	43.6	200.5	40,800	45.3	203.5	40,000	47.8	207.4	38,800	120
125	40.7	194.8	38,400	42.5	198.2	37,800	45.1	202.6	36,600	125
130	37.6	188.6	36,300	39.6	192.3	35,800	42.3	197.3	34,700	130
135	34.3	181.6	34,300	36.4	185.8	34,000	39.4	191.4	32,900	135
137	32.9	178.4	33,600	35.1	182.9	33,300	38.1	188.7	32,200	137
140	30.7	173.6	32,500	33.0	178.5	32,300	36.2	184.8	31,200	140
145	26.7	164.2	30,800	29.3	170.0	30,700	32.8	177.4	29,700	145
150	22.0	152.9	29,200	25.0	160.1	29,200	29.0	168.9	28,300	150
155	15.9	137.9	26,800	19.9	147.7	27,800	24.7	158.8	26,900	155
160	4.7	108.9	20,000	12.9	130.2	25,700	19.5	146.2	25,600	160
163				5.3	110.4	21,200	15.2	135.3	24,900	163
165							12.4	128.1	24,400	165
168							3.5	105.1	21,600	168
170										170
172										172
175										175
180										180
185										185
187										187
190										190
195										195

MLC250 S-2

ASME B30.5



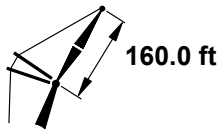
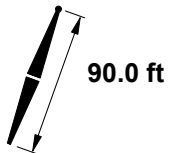
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
48													48
50													50
55													55
57													57
60													60
65													65
69													69
70													70
75													75
80													80
81	67.7	234.7	63,500										81
85	66.0	233.0	59,600										85
90	63.9	230.6	55,300										90
95	61.7	227.9	51,500										95
100	59.5	225.1	48,100	62.9	227.5	45,600							100
105	57.3	221.9	45,000	60.7	224.7	42,700							105
110	55.0	218.5	42,300	58.5	221.7	40,100							110
115	52.6	214.8	39,800	56.2	218.5	37,700							115
119	50.6	211.5	38,000	54.3	215.6	36,000	57.8	218.2	34,000				119
120	50.1	210.7	37,500	53.9	214.9	35,500	57.3	217.5	33,600				120
125	47.6	206.3	35,500	51.4	211.0	33,600	55.0	214.1	31,700				125
130	44.9	201.4	33,600	48.9	206.8	31,700	52.6	210.4	29,900				130
135	42.1	196.0	31,800	46.3	202.1	30,100	50.2	206.3	28,400				135
137	40.9	193.7	31,200	45.2	200.1	29,500	49.1	204.5	27,800	52.7	207.3	26,100	137
140	39.1	190.1	30,200	43.6	197.0	28,500	47.6	201.9	26,900	51.2	205.0	25,300	140
145	36.0	183.5	28,700	40.7	191.4	27,100	44.9	197.0	25,500	48.7	200.7	24,000	145
150	32.5	176.0	27,300	37.7	185.2	25,800	42.1	191.7	24,200	46.1	196.0	22,700	150
155	28.7	167.4	26,000	34.4	178.2	24,500	39.2	185.7	23,000	43.4	190.9	21,600	155
160	24.4	157.2	24,800	30.8	170.2	23,400	36.0	179.1	21,900	40.5	185.2	20,600	160
163	21.2	149.5	24,100	28.4	164.6	22,700	33.9	174.6	21,300	38.6	181.4	20,000	163
165	19.1	144.3	23,600	26.8	160.9	22,300	32.6	171.7	20,900	37.4	178.9	19,600	165
168	14.7	133.0	22,900	23.9	154.1	21,600	30.3	166.5	20,300	35.4	174.7	19,000	168
170	11.7	125.5	22,500	22.0	149.6	21,200	28.8	163.1	19,900	34.1	171.8	18,600	170
172	6.6	112.4	22,000	19.6	143.6	20,800	27.0	159.0	19,500	32.7	168.6	18,300	172
175				16.0	134.7	20,200	24.4	152.9	19,000	30.5	163.8	17,700	175
180				5.0	106.4	19,200	19.2	140.0	18,100	26.4	154.4	16,900	180
185							11.8	121.4	17,200	21.6	142.9	16,100	185
187							6.8	108.4	16,800	19.2	136.7	15,800	187
190										15.5	127.5	15,300	190
195										2.4	93.7	14,500	195

MLC250 S-2

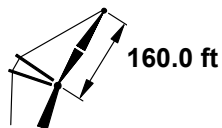
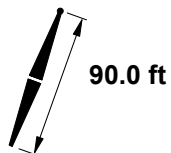
ASME B30.5



	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
51	75.8	252.8	77,300							51
55	74.3	251.7	76,800							55
59	72.8	250.5	76,000	74.0	251.2	87,600				59
60	72.4	250.2	75,900	73.6	250.9	87,500				60
65	70.5	248.5	74,900	71.7	249.3	87,200				65
70	68.6	246.5	74,000	69.8	247.5	81,000				70
72	67.8	245.7	73,700	69.0	246.7	78,200	70.8	247.9	75,800	72
75	66.7	244.4	73,200	67.9	245.5	74,000	69.7	246.8	71,900	75
80	64.7	242.1	69,300	65.9	243.4	68,000	67.7	244.8	66,000	80
84	63.1	240.1	65,100	64.3	241.4	63,800	66.2	243.1	62,000	84
85	62.7	239.6	64,000	63.9	241.0	62,800	65.8	242.6	61,000	85
90	60.6	236.8	59,400	61.9	238.4	58,200	63.8	240.2	56,500	90
95	58.5	233.9	55,300	59.9	235.5	54,200	61.8	237.6	52,600	95
100	56.4	230.6	51,700	57.8	232.4	50,700	59.7	234.8	49,100	100
105	54.2	227.1	48,400	55.6	229.1	47,500	57.6	231.7	46,000	105
110	52.0	223.3	45,500	53.4	225.5	44,600	55.5	228.3	43,200	110
115	49.6	219.1	42,800	51.1	221.5	42,000	53.2	224.6	40,700	115
120	47.2	214.6	40,400	48.7	217.2	39,600	51.0	220.7	38,300	120
124	45.2	210.7	38,600	46.8	213.5	37,900	49.1	217.2	36,600	124
125	44.7	209.7	38,100	46.3	212.6	37,400	48.6	216.4	36,200	125
130	42.1	204.3	35,900	43.8	207.5	35,400	46.1	211.7	34,300	130
135	39.3	198.4	33,900	41.1	201.9	33,600	43.6	206.6	32,500	135
140	36.4	191.9	32,000	38.2	195.8	31,900	40.9	201.0	30,800	140
143	34.5	187.5	31,000	36.4	191.7	30,900	39.2	197.3	29,900	143
145	33.2	184.6	30,300	35.2	189.0	30,300	38.1	194.8	29,300	145
150	29.7	176.2	28,800	31.9	181.3	28,800	35.0	188.0	27,900	150
155	25.8	166.5	27,300	28.3	172.5	27,500	31.7	180.2	26,500	155
160	21.2	154.8	25,900	24.2	162.2	26,200	28.1	171.4	25,300	160
165	15.4	139.3	23,600	19.3	149.3	25,000	23.9	160.9	24,100	165
170	4.5	109.3	17,500	12.5	131.2	22,700	18.9	147.8	23,000	170
173				5.1	110.8	18,600	14.7	136.6	22,300	173
175							12.0	129.1	21,900	175
178							3.4	105.4	19,000	178
180										180
182										182
185										185
190										190
195										195
197										197
200										200
205										205

MLC250 S-2

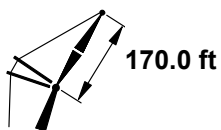
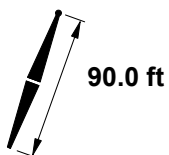
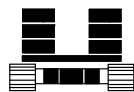
ASME B30.5



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
51													51
55													55
59													59
60													60
65													65
70													70
72													72
75													75
80													80
84	68.0	244.3	60,100										84
85	67.6	243.9	59,100										85
90	65.7	241.7	54,800										90
95	63.7	239.2	51,000										95
100	61.6	236.6	47,600										100
105	59.6	233.7	44,600	62.7	236.1	42,200							105
110	57.5	230.6	41,800	60.7	233.4	39,600							110
115	55.3	227.2	39,400	58.6	230.4	37,200							115
120	53.1	223.6	37,100	56.4	227.1	35,000							120
124	51.2	220.4	35,400	54.7	224.3	33,500	57.9	226.9	31,500				124
125	50.8	219.6	35,000	54.3	223.6	33,100	57.5	226.2	31,200				125
130	48.4	215.3	33,100	52.0	219.8	31,300	55.3	222.8	29,400				130
135	46.0	210.5	31,400	49.7	215.7	29,600	53.1	219.2	27,800				135
140	43.4	205.4	29,800	47.3	211.2	28,100	50.8	215.2	26,400				140
143	41.8	202.0	28,900	45.8	208.2	27,200	49.4	212.6	25,600	52.7	215.3	23,900	143
145	40.7	199.8	28,300	44.8	206.3	26,600	48.4	210.9	25,000	51.8	213.8	23,400	145
150	37.8	193.6	26,900	42.1	200.9	25,300	46.0	206.2	23,700	49.5	209.6	22,200	150
155	34.8	186.6	25,600	39.4	195.0	24,100	43.4	201.0	22,600	47.1	205.1	21,100	155
160	31.5	178.8	24,400	36.4	188.5	22,900	40.7	195.4	21,500	44.6	200.1	20,000	160
165	27.8	169.9	23,300	33.2	181.2	21,800	37.9	189.2	20,400	41.9	194.7	19,100	165
170	23.6	159.3	22,200	29.8	172.8	20,800	34.8	182.3	19,400	39.1	188.8	18,100	170
173	20.5	151.3	21,600	27.4	167.0	20,200	32.8	177.6	18,900	37.4	184.8	17,600	173
175	18.5	145.9	21,100	25.9	163.2	19,800	31.5	174.5	18,500	36.2	182.2	17,200	175
178	14.2	134.3	20,500	23.1	156.2	19,300	29.3	169.1	18,000	34.3	177.8	16,700	178
180	11.3	126.5	20,100	21.3	151.5	18,900	27.8	165.5	17,700	33.0	174.8	16,400	180
182	6.4	112.9	19,700	19.0	145.3	18,600	26.1	161.3	17,300	31.6	171.4	16,100	182
185				15.5	136.0	18,000	23.6	154.9	16,800	29.5	166.4	15,600	185
190				4.9	106.8	17,100	18.5	141.6	16,000	25.5	156.6	14,900	190
195							11.4	122.3	15,200	20.9	144.7	14,200	195
197							6.6	108.9	14,900	18.5	138.3	13,900	197
200										14.9	128.8	13,500	200
205										2.3	93.9	12,700	205

MLC250 S-2

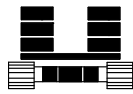
ASME B30.5



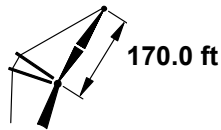
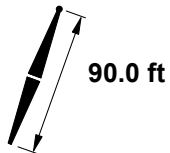
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
53	75.9	262.6	69,300							53
55	75.2	262.1	69,100							55
60	73.5	260.7	68,600							60
62	72.8	260.0	68,300	73.9	260.8	78,300				62
65	71.7	259.0	67,900	72.8	259.8	78,000				65
70	69.9	257.3	67,100	71.0	258.2	77,600				70
75	68.1	255.3	66,400	69.2	256.3	73,700	70.9	257.5	71,500	75
80	66.3	253.2	65,600	67.4	254.3	67,700	69.1	255.6	65,700	80
85	64.4	250.8	63,400	65.6	252.1	62,500	67.3	253.6	60,600	85
88	63.3	249.3	60,800	64.4	250.6	59,700	66.2	252.2	57,900	88
90	62.5	248.3	59,100	63.7	249.6	57,900	65.5	251.3	56,200	90
95	60.6	245.5	55,000	61.8	247.0	53,900	63.6	248.9	52,300	95
100	58.6	242.5	51,400	59.9	244.2	50,300	61.7	246.3	48,800	100
105	56.6	239.3	48,100	57.9	241.1	47,100	59.7	243.4	45,700	105
109	55.0	236.5	45,800	56.3	238.4	44,800	58.1	240.9	43,400	109
110	54.6	235.8	45,200	55.9	237.8	44,200	57.8	240.3	42,900	110
115	52.5	232.1	42,500	53.8	234.2	41,600	55.7	237.0	40,300	115
120	50.3	228.0	40,100	51.7	230.3	39,300	53.7	233.4	38,000	120
125	48.1	223.6	37,700	49.5	226.2	37,100	51.5	229.5	35,900	125
129	46.2	219.8	35,900	47.6	222.5	35,500	49.8	226.2	34,300	129
130	45.7	218.9	35,500	47.2	221.6	35,100	49.3	225.3	34,000	130
135	43.3	213.7	33,500	44.8	216.7	33,300	47.0	220.8	32,200	135
140	40.8	208.1	31,600	42.4	211.4	31,600	44.7	215.8	30,500	140
145	38.1	201.9	29,900	39.8	205.6	30,000	42.2	210.5	29,000	145
149	35.8	196.4	28,600	37.6	200.5	28,800	40.1	205.8	27,800	149
150	35.2	195.1	28,300	37.0	199.2	28,500	39.6	204.6	27,600	150
155	32.2	187.4	26,800	34.1	192.1	27,200	36.9	198.2	26,200	155
160	28.8	178.8	25,400	30.9	184.1	25,900	33.9	191.0	25,000	160
165	25.0	168.7	24,200	27.4	175.0	24,700	30.7	183.0	23,800	165
170	20.6	156.6	23,000	23.5	164.3	23,600	27.2	173.8	22,700	170
175	14.9	140.5	20,800	18.7	151.0	22,500	23.2	162.9	21,700	175
180	4.3	109.6	15,200	12.1	132.3	20,000	18.3	149.4	20,700	180
183				5.0	111.2	16,300	14.3	137.8	20,100	183
185							11.6	130.1	19,700	185
188							3.3	105.6	16,700	188
190										190
192										192
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215										215

MLC250 S-2

ASME B30.5



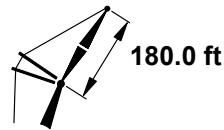
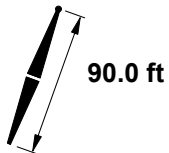
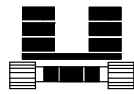
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
53													53
55													55
60													60
62													62
65													65
70													70
75													75
80													80
85													85
88	67.9	253.5	56,100										88
90	67.2	252.6	54,400										90
95	65.3	250.4	50,600										95
100	63.4	247.9	47,200										100
105	61.5	245.3	44,200										105
109	60.0	243.0	42,000	62.9	245.3	39,700							109
110	59.6	242.4	41,500	62.5	244.8	39,200							110
115	57.6	239.3	39,000	60.6	242.0	36,800							115
120	55.6	235.9	36,700	58.7	239.1	34,700							120
125	53.5	232.3	34,700	56.7	235.8	32,700							125
129	51.8	229.2	33,200	55.0	233.0	31,300	58.0	235.5	29,400				129
130	51.4	228.4	32,800	54.6	232.4	30,900	57.6	234.9	29,000				130
135	49.2	224.2	31,100	52.5	228.6	29,200	55.6	231.5	27,500				135
140	46.9	219.6	29,500	50.3	224.6	27,700	53.5	227.9	26,000				140
145	44.5	214.7	28,000	48.1	220.2	26,300	51.4	224.0	24,600				145
149	42.5	210.3	26,900	46.2	216.4	25,200	49.6	220.6	23,600	52.8	223.3	22,100	149
150	42.0	209.3	26,600	45.8	215.4	25,000	49.2	219.8	23,400	52.3	222.6	21,800	150
155	39.4	203.4	25,300	43.3	210.3	23,700	46.9	215.2	22,200	50.2	218.5	20,700	155
160	36.7	196.9	24,100	40.8	204.6	22,600	44.5	210.3	21,100	47.9	214.1	19,700	160
165	33.7	189.7	22,900	38.1	198.5	21,500	42.1	204.9	20,100	45.6	209.3	18,700	165
170	30.5	181.6	21,900	35.3	191.7	20,500	39.4	199.0	19,100	43.1	204.1	17,700	170
175	26.9	172.3	20,900	32.2	184.0	19,500	36.7	192.5	18,200	40.6	198.4	16,900	175
180	22.9	161.3	19,900	28.8	175.4	18,600	33.7	185.3	17,300	37.9	192.2	16,100	180
183	19.9	153.0	19,400	26.6	169.4	18,100	31.8	180.4	16,800	36.2	188.1	15,600	183
185	17.9	147.5	19,000	25.1	165.4	17,700	30.5	177.2	16,500	35.0	185.4	15,300	185
188	13.7	135.4	18,500	22.4	158.1	17,200	28.4	171.6	16,000	33.2	180.7	14,800	188
190	10.9	127.4	18,100	20.7	153.3	16,900	27.0	167.9	15,700	32.0	177.7	14,500	190
192	6.2	113.4	17,700	18.4	146.9	16,600	25.3	163.5	15,400	30.6	174.2	14,300	192
195				15.0	137.3	16,100	22.9	157.0	15,000	28.6	169.0	13,800	195
200				4.7	107.2	15,300	18.0	143.2	14,300	24.8	158.8	13,200	200
205							11.0	123.3	13,600	20.3	146.5	12,500	205
207							6.3	109.5	13,300	17.9	139.9	12,300	207
210										14.5	130.1	11,900	210
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MLC250 S-2

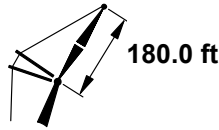
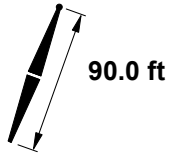
ASME B30.5



	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
56	75.7	272.2	62,100							56
60	74.4	271.1	61,700							60
65	72.8	269.6	61,200	73.8	270.3	70,000				65
70	71.1	267.9	60,600	72.1	268.7	69,500				70
75	69.4	266.1	60,100	70.4	267.0	69,100				75
78	68.3	264.9	59,800	69.4	265.9	68,000	71.0	267.0	66,900	78
80	67.7	264.1	59,500	68.7	265.1	67,300	70.3	266.3	65,200	80
85	65.9	261.9	58,900	67.0	263.0	62,100	68.6	264.4	60,200	85
90	64.2	259.5	57,500	65.3	260.8	57,500	66.9	262.3	55,700	90
92	63.4	258.5	56,300	64.6	259.8	55,900	66.2	261.4	54,200	92
95	62.4	256.9	54,400	63.5	258.3	53,500	65.2	260.0	51,800	95
100	60.6	254.2	51,000	61.7	255.7	49,900	63.4	257.6	48,300	100
105	58.7	251.2	47,700	59.9	252.8	46,700	61.6	254.9	45,200	105
110	56.8	248.0	44,800	58.0	249.8	43,800	59.8	252.1	42,400	110
114	55.3	245.2	42,700	56.5	247.1	41,800	58.3	249.6	40,400	114
115	54.9	244.5	42,100	56.1	246.5	41,200	57.9	249.0	39,900	115
120	52.9	240.8	39,500	54.2	242.9	38,900	56.0	245.7	37,600	120
125	50.9	236.9	37,100	52.2	239.1	36,700	54.0	242.1	35,500	125
130	48.8	232.6	34,900	50.1	235.1	34,700	52.0	238.3	33,500	130
135	46.6	228.0	32,900	48.0	230.6	32,900	50.0	234.2	31,700	135
140	44.4	223.0	31,100	45.8	225.9	31,200	47.8	229.8	30,100	140
145	42.0	217.6	29,300	43.5	220.8	29,600	45.6	225.0	28,600	145
150	39.6	211.7	27,700	41.1	215.2	28,200	43.3	219.8	27,200	150
155	37.0	205.2	26,300	38.6	209.1	26,800	41.0	214.2	25,800	155
160	34.2	198.1	24,900	36.0	202.4	25,500	38.4	208.1	24,600	160
165	31.2	190.2	23,600	33.1	195.1	24,300	35.8	201.4	23,400	165
170	28.0	181.3	22,400	30.0	186.8	23,100	32.9	194.0	22,300	170
175	24.3	170.9	21,300	26.6	177.4	21,900	29.8	185.6	21,300	175
180	20.0	158.3	20,200	22.8	166.3	20,800	26.4	176.1	20,300	180
185	14.5	141.8	18,200	18.1	152.6	19,800	22.5	164.9	19,400	185
190	4.2	110.0	13,100	11.8	133.3	17,500	17.8	151.0	18,500	190
193				4.8	111.6	14,100	13.9	139.0	18,000	193
195							11.2	131.1	17,700	195
198							3.2	105.9	14,500	198
200										200
202										202
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215										215
217										217
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225										225

MLC250 S-2

ASME B30.5



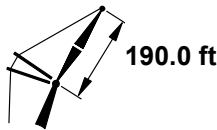
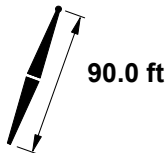
	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
56													56
60													60
65													65
70													70
75													75
78													78
80													80
85													85
90													90
92	67.8	262.6	52,400										92
95	66.8	261.3	50,100										95
100	65.0	259.1	46,800										100
105	63.3	256.6	43,700										105
110	61.5	253.9	41,000										110
114	60.0	251.6	39,000	62.8	254.0	36,800							114
115	59.6	251.1	38,500	62.4	253.5	36,300							115
120	57.8	248.0	36,300	60.6	250.7	34,200							120
125	55.8	244.6	34,200	58.7	247.7	32,200							125
130	53.9	241.1	32,400	56.8	244.5	30,400							130
135	51.9	237.2	30,600	54.9	241.1	28,800	57.8	243.6	26,900				135
140	49.8	233.1	29,000	52.9	237.4	27,200	55.9	240.2	25,500				140
145	47.7	228.6	27,500	50.9	233.4	25,800	53.9	236.7	24,100				145
150	45.5	223.8	26,100	48.8	229.1	24,500	51.9	232.8	22,900				150
155	43.2	218.6	24,900	46.6	224.5	23,300	49.8	228.7	21,700	52.8	231.3	20,200	155
160	40.8	213.0	23,700	44.4	219.5	22,100	47.7	224.2	20,600	50.7	227.3	19,100	160
165	38.3	206.9	22,500	42.1	214.1	21,000	45.5	219.5	19,600	48.6	223.0	18,100	165
170	35.6	200.1	21,500	39.6	208.3	20,000	43.2	214.3	18,600	46.5	218.4	17,200	170
175	32.7	192.6	20,500	37.0	201.8	19,100	40.8	208.6	17,700	44.2	213.4	16,400	175
180	29.6	184.2	19,500	34.2	194.7	18,200	38.3	202.5	16,800	41.9	208.0	15,600	180
185	26.1	174.6	18,600	31.3	186.8	17,300	35.6	195.7	16,000	39.4	202.0	14,800	185
190	22.2	163.2	17,800	28.0	177.9	16,500	32.7	188.3	15,300	36.8	195.6	14,100	190
193	19.3	154.7	17,300	25.8	171.7	16,000	30.9	183.2	14,800	35.1	191.3	13,600	193
195	17.4	149.0	16,900	24.3	167.5	15,700	29.6	179.9	14,500	34.0	188.4	13,400	195
198	13.3	136.6	16,500	21.8	160.0	15,300	27.6	174.1	14,100	32.2	183.6	13,000	198
200	10.6	128.3	16,100	20.1	155.0	15,000	26.2	170.2	13,800	31.0	180.5	12,700	200
202	6.0	113.9	15,800	17.9	148.5	14,700	24.6	165.7	13,600	29.7	176.8	12,400	202
205				14.6	138.6	14,300	22.2	158.9	13,200	27.7	171.4	12,100	205
210				4.6	107.6	13,500	17.5	144.7	12,500	24.0	160.9	11,500	210
215							10.7	124.2	11,900	19.7	148.2	10,900	215
217							6.2	110.0	11,600	17.4	141.4	10,700	217
220										14.1	131.3	10,300	220
225										2.1	94.2	9,700	225

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



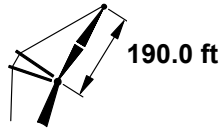
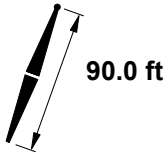
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
58	75.9	282.0	55,900							58
60	75.3	281.5	55,700							60
65	73.7	280.0	55,200							65
68	72.7	279.1	54,900	73.7	279.8	62,800				68
70	72.1	278.5	54,700	73.1	279.2	62,600				70
75	70.5	276.7	54,100	71.5	277.6	62,100				75
80	68.9	274.8	53,700	69.9	275.8	61,600				80
82	68.2	274.0	53,500	69.3	275.0	61,400	70.8	276.2	59,800	82
85	67.3	272.8	53,200	68.3	273.9	61,100	69.8	275.1	59,700	85
90	65.6	270.6	52,700	66.7	271.7	57,300	68.2	273.2	55,500	90
95	64.0	268.2	52,300	65.0	269.5	53,300	66.6	271.0	51,600	95
96	63.6	267.7	51,800	64.7	269.0	52,600	66.2	270.6	50,900	96
100	62.3	265.6	49,700	63.3	267.0	49,700	64.9	268.7	48,100	100
105	60.5	262.8	47,200	61.6	264.3	46,500	63.2	266.3	45,000	105
110	58.8	259.9	44,600	59.9	261.5	43,600	61.5	263.6	42,200	110
115	57.0	256.7	41,900	58.1	258.4	41,000	59.8	260.7	39,700	115
118	55.9	254.6	40,300	57.0	256.5	39,600	58.7	258.9	38,300	118
120	55.2	253.3	39,300	56.3	255.2	38,700	58.0	257.7	37,400	120
125	53.3	249.6	36,800	54.5	251.7	36,500	56.2	254.4	35,200	125
130	51.4	245.7	34,600	52.6	247.9	34,500	54.4	250.9	33,300	130
135	49.4	241.5	32,600	50.7	243.9	32,700	52.5	247.1	31,500	135
140	47.4	237.0	30,800	48.7	239.6	31,000	50.5	243.1	29,900	140
145	45.3	232.1	29,000	46.6	235.0	29,400	48.5	238.7	28,400	145
150	43.1	226.9	27,400	44.5	230.0	28,000	46.5	234.1	26,900	150
155	40.8	221.3	26,000	42.3	224.6	26,600	44.3	229.1	25,600	155
160	38.5	215.2	24,600	40.0	218.8	25,300	42.1	223.7	24,400	160
161	37.9	213.8	24,300	39.5	217.6	25,100	41.7	222.5	24,200	161
165	35.9	208.5	23,300	37.5	212.5	24,100	39.8	217.9	23,200	165
170	33.3	201.1	22,100	35.0	205.6	22,800	37.4	211.5	22,100	170
175	30.4	192.9	21,000	32.2	197.9	21,600	34.8	204.6	21,100	175
180	27.2	183.7	19,900	29.2	189.4	20,500	32.0	196.9	20,200	180
185	23.6	173.0	18,900	25.9	179.6	19,500	29.0	188.2	19,200	185
190	19.4	160.0	18,000	22.1	168.2	18,500	25.7	178.4	18,400	190
195	14.1	143.0	16,100	17.6	154.1	17,600	21.9	166.8	17,500	195
200	4.1	110.3	11,400	11.5	134.3	15,400	17.3	152.5	16,700	200
203				4.7	112.0	12,300	13.5	140.2	16,300	203
205							10.9	132.0	16,000	205
208							3.1	106.1	12,700	208
210										210
212										212
220										220
227										227
230										230
235										235

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



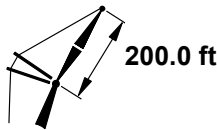
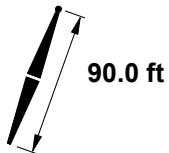
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
58													58
60													60
65													65
68													68
70													70
75													75
80													80
82													82
85													85
90													90
95													95
96	67.7	271.8	49,200										96
100	66.4	270.1	46,500										100
105	64.8	267.8	43,500										105
110	63.1	265.3	40,800										110
115	61.4	262.6	38,300										115
118	60.3	260.9	37,000	63.0	263.2	34,800							118
120	59.6	259.7	36,100	62.3	262.1	33,900							120
125	57.9	256.6	34,000	60.6	259.4	32,000							125
130	56.1	253.3	32,100	58.8	256.4	30,200							130
135	54.2	249.8	30,400	57.0	253.2	28,500							135
140	52.3	246.0	28,800	55.2	249.8	27,000	57.9	252.2	25,200				140
145	50.4	242.0	27,300	53.3	246.1	25,600	56.1	248.9	23,900				145
150	48.4	237.6	25,900	51.4	242.2	24,300	54.2	245.4	22,600				150
155	46.3	232.9	24,700	49.4	238.0	23,000	52.3	241.6	21,500				155
160	44.2	227.9	23,500	47.4	233.5	21,900	50.4	237.6	20,400				160
161	43.7	226.8	23,200	47.0	232.6	21,700	50.0	236.7	20,200	52.8	239.3	18,700	161
165	42.0	222.5	22,300	45.3	228.7	20,800	48.4	233.2	19,400	51.3	236.2	17,900	165
170	39.6	216.6	21,300	43.1	223.5	19,800	46.3	228.6	18,400	49.3	232.0	17,000	170
175	37.2	210.2	20,300	40.9	217.9	18,900	44.2	223.5	17,500	47.3	227.4	16,200	175
180	34.6	203.2	19,300	38.5	211.8	18,000	42.0	218.1	16,600	45.2	222.6	15,300	180
185	31.8	195.5	18,400	36.0	205.1	17,100	39.7	212.2	15,800	43.0	217.3	14,600	185
190	28.8	186.8	17,600	33.3	197.7	16,300	37.2	205.9	15,100	40.7	211.7	13,800	190
195	25.4	176.8	16,800	30.4	189.6	15,600	34.6	198.9	14,300	38.3	205.5	13,200	195
200	21.6	165.1	16,000	27.2	180.3	14,800	31.8	191.1	13,700	35.8	198.8	12,500	200
203	18.8	156.3	15,600	25.1	173.9	14,400	30.0	185.9	13,300	34.1	194.4	12,100	203
205	16.9	150.5	15,300	23.7	169.6	14,100	28.8	182.4	13,000	33.1	191.4	11,900	205
208	13.0	137.7	14,900	21.2	161.9	13,700	26.8	176.5	12,600	31.3	186.4	11,500	208
210	10.3	129.2	14,600	19.5	156.7	13,500	25.5	172.5	12,400	30.2	183.2	11,300	210
212	5.8	114.4	14,300	16.5	147.0	13,200	23.8	167.2	12,100	28.8	179.1	11,100	212
220				4.4	107.9	12,200	17.0	146.2	11,200	23.4	163.0	10,200	220
227							6.0	110.5	10,400	16.6	141.6	9,400	227
230										13.7	132.4	9,100	230
235										2.0	94.3	8,500	235

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



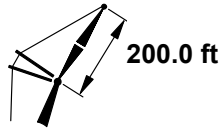
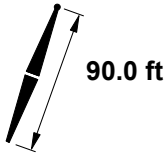
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
60	76.0	291.8	49,900						60	
65	74.5	290.5	49,400						65	
70	73.0	289.0	48,900	74.0	289.7	56,000			70	
75	71.5	287.3	48,400	72.5	288.1	55,400			75	
80	70.0	285.6	47,900	71.0	286.4	54,900			80	
85	68.5	283.6	47,400	69.4	284.6	54,400	70.9	285.8	53,100	85
90	66.9	281.5	46,900	67.9	282.6	53,900	69.3	283.9	52,800	90
95	65.3	279.3	46,500	66.3	280.5	52,900	67.8	281.9	51,200	95
99	64.1	277.3	46,100	65.1	278.6	50,000	66.5	280.2	48,400	99
100	63.8	276.9	46,000	64.8	278.2	49,300	66.2	279.8	47,700	100
105	62.1	274.3	45,600	63.2	275.7	46,100	64.7	277.4	44,600	105
110	60.5	271.5	43,600	61.5	273.0	43,200	63.1	274.9	41,800	110
115	58.8	268.5	41,500	59.9	270.2	40,600	61.4	272.3	39,200	115
120	57.1	265.3	39,100	58.2	267.1	38,300	59.8	269.4	36,900	120
123	56.1	263.3	37,700	57.2	265.2	37,000	58.8	267.6	35,700	123
125	55.4	262.0	36,700	56.5	263.9	36,100	58.1	266.3	34,800	125
130	53.6	258.4	34,500	54.8	260.4	34,100	56.4	263.1	32,900	130
135	51.8	254.5	32,400	53.0	256.7	32,300	54.6	259.6	31,100	135
140	50.0	250.4	30,500	51.1	252.7	30,600	52.9	255.9	29,500	140
145	48.1	246.0	28,800	49.3	248.5	29,000	51.0	251.9	28,000	145
150	46.1	241.3	27,200	47.3	244.0	27,600	49.2	247.7	26,500	150
155	44.1	236.2	25,600	45.4	239.2	26,200	47.2	243.1	25,200	155
160	42.0	230.8	24,200	43.3	234.0	24,900	45.2	238.3	24,000	160
165	39.7	224.9	22,900	41.1	228.4	23,700	43.2	233.1	22,800	165
167	38.8	222.4	22,400	40.2	226.0	23,200	42.3	230.8	22,400	167
170	37.4	218.6	21,700	38.9	222.4	22,400	41.0	227.5	21,700	170
175	35.0	211.7	20,600	36.5	215.8	21,300	38.7	221.4	20,700	175
180	32.4	204.0	19,500	34.0	208.7	20,100	36.4	214.8	19,800	180
185	29.6	195.6	18,500	31.4	200.8	19,100	33.9	207.6	18,900	185
190	26.5	186.0	17,500	28.4	191.9	18,100	31.2	199.6	18,000	190
195	23.0	175.0	16,600	25.2	181.9	17,200	28.2	190.8	17,200	195
200	18.9	161.7	15,800	21.6	170.1	16,300	25.0	180.6	16,400	200
205	13.7	144.2	13,900	17.2	155.6	15,400	21.3	168.7	15,600	205
210	4.0	110.6	9,600	11.2	135.2	13,400	16.8	153.9	14,900	210
213				4.5	112.3	10,500	13.1	141.3	14,400	213
215							10.6	132.9	14,100	215
218							3.0	106.3	10,900	218
220										220
222										222
225										225
230										230
237										237
240										240
245										245

MLC250 S-2

ASME B30.5



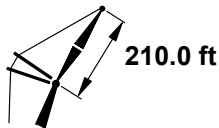
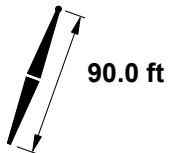
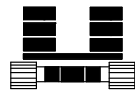
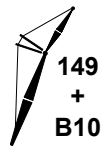
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
99	68.0	281.4	46,700										99
100	67.7	281.0	46,100										100
105	66.1	278.8	43,000										105
110	64.5	276.4	40,300										110
115	62.9	273.9	37,900										115
120	61.3	271.3	35,600										120
123	60.3	269.5	34,400	62.8	271.8	32,300							123
125	59.7	268.4	33,600	62.2	270.8	31,500							125
130	58.0	265.3	31,700	60.5	268.0	29,700							130
135	56.3	262.0	30,000	58.9	265.1	28,100							135
140	54.5	258.5	28,400	57.2	261.9	26,500							140
145	52.7	254.8	26,900	55.4	258.5	25,100	58.0	260.9	23,400				145
150	50.9	250.8	25,500	53.7	254.9	23,800	56.3	257.6	22,100				150
155	49.0	246.6	24,200	51.9	251.0	22,600	54.5	254.1	21,000				155
160	47.1	242.0	23,000	50.0	246.9	21,400	52.7	250.4	19,900				160
165	45.1	237.1	21,900	48.1	242.5	20,400	50.9	246.4	18,900				165
167	44.2	235.0	21,500	47.3	240.6	20,000	50.2	244.7	18,500	52.8	247.3	17,000	167
170	43.0	231.9	20,800	46.1	237.8	19,400	49.0	242.2	17,900	51.7	245.0	16,500	170
175	40.8	226.2	19,900	44.1	232.8	18,400	47.1	237.6	17,000	49.9	240.9	15,600	175
180	38.6	220.1	18,900	42.0	227.4	17,500	45.1	232.7	16,200	48.0	236.4	14,800	180
185	36.2	213.5	18,000	39.8	221.5	16,700	43.0	227.5	15,400	46.0	231.7	14,100	185
190	33.7	206.2	17,200	37.5	215.2	15,900	40.9	221.9	14,600	43.9	226.6	13,400	190
195	31.0	198.2	16,400	35.0	208.3	15,100	38.6	215.8	13,900	41.8	221.2	12,700	195
200	28.0	189.3	15,600	32.4	200.7	14,400	36.2	209.1	13,200	39.6	215.3	12,000	200
205	24.8	179.0	14,900	29.6	192.2	13,700	33.7	201.9	12,600	37.3	208.9	11,400	205
210	21.0	167.0	14,200	26.5	182.7	13,100	31.0	193.9	11,900	34.8	201.9	10,800	210
213	18.3	157.9	13,800	24.4	176.1	12,700	29.2	188.5	11,600	33.2	197.3	10,500	213
215	16.5	151.9	13,600	23.1	171.7	12,400	28.1	184.9	11,300	32.2	194.3	10,300	215
218	12.6	138.8	13,200	20.6	163.7	12,100	26.1	178.8	11,000	30.5	189.2	9,900	218
220	10.1	130.1	12,900	19.0	158.4	11,800	24.8	174.7	10,800	29.4	185.8	9,700	220
222	5.7	114.8	12,600	16.9	151.4	11,600	23.3	169.9	10,500	28.1	181.9	9,500	222
225				13.8	141.0	11,300	21.1	162.7	10,200	26.3	176.1	9,200	225
230				4.3	108.3	10,600	16.5	147.6	9,700	22.8	165.0	8,700	230
237							5.8	110.9	8,900	16.1	143.0	8,000	237
240										13.3	133.6	7,700	240
245										2.0	94.4	7,200	245

MLC250 S-2

ASME B30.5



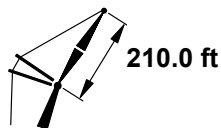
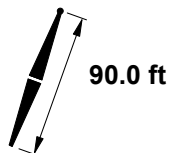
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
63	75.8	301.4	45,000						63	
65	75.3	300.8	44,800						65	
70	73.9	299.4	44,300						70	
73	73.0	298.5	44,000	73.9	299.2	50,300			73	
75	72.4	297.9	43,800	73.3	298.6	50,200			75	
80	71.0	296.2	43,300	71.9	297.0	49,600			80	
85	69.5	294.4	42,800	70.5	295.3	49,100			85	
88	68.7	293.2	42,500	69.6	294.1	48,800	70.9	295.3	47,700	88
90	68.1	292.4	42,300	69.0	293.4	48,600	70.4	294.6	47,500	90
95	66.6	290.3	41,900	67.5	291.4	48,100	68.9	292.7	47,200	95
100	65.1	288.0	41,400	66.0	289.2	47,600	67.4	290.7	46,800	100
103	64.2	286.5	41,200	65.1	287.8	46,500	66.5	289.3	45,200	103
105	63.6	285.5	41,000	64.5	286.8	45,800	65.9	288.5	44,200	105
110	62.0	282.9	40,600	63.0	284.3	42,900	64.4	286.1	41,400	110
115	60.5	280.1	40,100	61.5	281.7	40,300	62.9	283.6	38,900	115
120	58.9	277.2	38,300	59.9	278.8	37,900	61.4	280.9	36,600	120
125	57.3	274.0	36,300	58.3	275.8	35,700	59.8	278.1	34,500	125
127	56.6	272.7	35,400	57.6	274.5	35,000	59.1	276.8	33,700	127
130	55.6	270.7	34,000	56.7	272.6	33,800	58.2	275.0	32,500	130
135	54.0	267.1	32,000	55.0	269.1	31,900	56.6	271.8	30,800	135
140	52.2	263.3	30,100	53.3	265.5	30,200	54.9	268.3	29,100	140
145	50.5	259.2	28,300	51.6	261.6	28,700	53.2	264.6	27,600	145
150	48.7	254.9	26,700	49.8	257.4	27,200	51.5	260.7	26,200	150
151	48.3	254.0	26,400	49.5	256.5	27,000	51.1	259.9	25,900	151
155	46.8	250.3	25,200	48.0	253.0	25,900	49.7	256.6	24,900	155
160	44.9	245.4	23,800	46.1	248.3	24,600	47.9	252.1	23,600	160
165	42.9	240.2	22,500	44.2	243.3	23,300	46.0	247.4	22,500	165
170	40.9	234.5	21,200	42.2	237.9	22,000	44.1	242.4	21,400	170
173	39.6	230.9	20,500	40.9	234.4	21,300	42.9	239.1	20,800	173
175	38.7	228.5	20,100	40.1	232.1	20,800	42.1	236.9	20,400	175
180	36.5	221.9	19,000	37.9	225.8	19,700	40.0	231.1	19,400	180
185	34.1	214.7	18,000	35.6	219.0	18,600	37.8	224.8	18,500	185
190	31.6	206.9	17,000	33.2	211.6	17,600	35.5	218.0	17,700	190
200	25.8	188.3	15,300	27.7	194.4	15,800	30.4	202.4	16,100	200
210	18.5	163.3	13,700	21.0	172.0	14,200	24.4	182.8	14,600	210
220	3.9	110.9	7,900	10.9	136.1	11,500	16.4	155.4	13,300	220
223				4.4	112.7	8,800	11.3	137.1	11,800	223
228							2.9	106.5	9,200	228
230										230
232										232
240										240
247										247
250										250
255										255

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



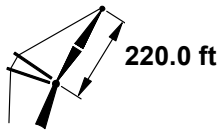
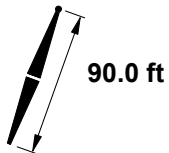
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
63													63
65													65
70													70
73													73
75													75
80													80
85													85
88													88
90													90
95													95
100													100
103	67.9	290.5	43,800										103
105	67.3	289.7	42,700										105
110	65.8	287.5	39,900										110
115	64.3	285.1	37,500										115
120	62.8	282.6	35,200										120
125	61.3	279.9	33,200										125
127	60.6	278.8	32,400	63.0	281.0	30,400							127
130	59.7	277.0	31,300	62.1	279.5	29,300							130
135	58.1	274.0	29,600	60.5	276.7	27,700							135
140	56.4	270.7	28,000	58.9	273.7	26,100							140
145	54.8	267.2	26,500	57.3	270.6	24,700							145
150	53.1	263.6	25,100	55.7	267.2	23,400							150
151	52.7	262.8	24,900	55.3	266.5	23,200	57.8	268.9	21,500				151
155	51.4	259.6	23,900	54.0	263.6	22,200	56.5	266.3	20,600				155
160	49.6	255.5	22,700	52.3	259.8	21,100	54.8	262.8	19,500				160
165	47.8	251.0	21,500	50.5	255.8	20,000	53.1	259.2	18,500				165
170	45.9	246.3	20,500	48.7	251.5	19,000	51.4	255.2	17,500				170
173	44.7	243.2	19,900	47.6	248.7	18,400	50.3	252.7	17,000	52.8	255.3	15,600	173
175	43.9	241.2	19,500	46.9	246.9	18,100	49.6	251.1	16,600	52.1	253.8	15,200	175
180	41.9	235.7	18,600	45.0	242.0	17,200	47.8	246.6	15,800	50.4	249.7	14,400	180
185	39.8	229.9	17,700	43.0	236.7	16,300	45.9	241.9	15,000	48.6	245.4	13,700	185
190	37.6	223.6	16,900	40.9	231.1	15,500	43.9	236.8	14,200	46.7	240.8	13,000	190
200	32.8	209.2	15,300	36.5	218.5	14,100	39.8	225.5	12,800	42.8	230.6	11,600	200
210	27.3	191.7	13,900	31.6	203.5	12,700	35.3	212.3	11,600	38.6	218.8	10,400	210
220	20.5	168.8	12,600	25.9	185.0	11,500	30.2	196.6	10,400	34.0	205.0	9,300	220
223	17.3	157.4	12,300	23.7	177.5	11,200	28.4	190.7	10,100	32.4	200.0	9,000	223
228	11.9	138.5	11,700	20.0	165.0	10,600	25.4	180.8	9,600	29.7	191.7	8,500	228
230	9.8	130.9	11,400	18.5	160.0	10,400	24.2	176.8	9,400	28.6	188.3	8,300	230
232	5.5	115.3	11,200	15.7	149.7	10,200	22.6	171.3	9,200	27.4	184.0	8,100	232
240				4.2	108.6	9,300	16.1	149.0	8,400	22.2	166.9	7,300	240
247							5.7	111.4	7,700	15.7	144.4	6,600	247
250										13.0	134.7	6,300	250
255										1.9	94.6	5,700	255

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



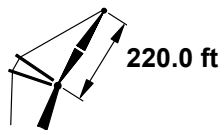
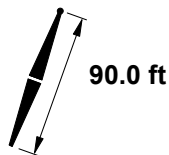
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
65	76.0	311.2	40,600							65
70	74.6	309.8	40,100							70
75	73.3	308.4	39,700							75
76	73.0	308.0	39,600	73.8	308.8	45,300				76
80	71.9	306.8	39,200	72.8	307.5	44,900				80
85	70.5	305.0	38,700	71.4	305.9	44,400				85
90	69.1	303.1	38,200	70.0	304.1	43,900				90
91	68.8	302.7	38,100	69.7	303.7	43,800	71.0	304.9	42,800	91
95	67.7	301.1	37,800	68.6	302.2	43,400	69.9	303.4	42,500	95
100	66.3	299.0	37,300	67.2	300.1	42,900	68.5	301.5	42,100	100
105	64.9	296.7	36,900	65.8	297.9	42,400	67.1	299.4	41,700	105
107	64.3	295.7	36,700	65.2	296.9	42,300	66.5	298.5	41,400	107
110	63.4	294.2	36,500	64.3	295.5	42,000	65.7	297.2	41,000	110
115	61.9	291.6	36,100	62.9	293.0	39,900	64.2	294.8	38,400	115
120	60.5	288.8	35,700	61.4	290.3	37,500	62.8	292.3	36,100	120
125	58.9	285.8	35,300	59.9	287.5	35,300	61.3	289.6	34,000	125
130	57.4	282.7	33,500	58.4	284.5	33,400	59.8	286.7	32,100	130
132	56.8	281.4	32,700	57.8	283.2	32,600	59.2	285.5	31,400	132
135	55.8	279.4	31,400	56.8	281.2	31,500	58.3	283.7	30,300	135
140	54.2	275.8	29,500	55.2	277.8	29,800	56.7	280.5	28,700	140
145	52.6	272.1	27,800	53.6	274.2	28,300	55.1	277.0	27,200	145
150	51.0	268.1	26,200	52.0	270.4	26,800	53.5	273.4	25,800	150
155	49.2	263.9	24,600	50.3	266.3	25,500	51.9	269.5	24,400	155
156	48.9	263.0	24,400	50.0	265.4	25,200	51.6	268.7	24,200	156
160	47.5	259.4	23,200	48.6	262.0	24,100	50.2	265.5	23,200	160
165	45.7	254.6	21,900	46.8	257.4	22,700	48.5	261.1	22,100	165
170	43.8	249.5	20,700	45.0	252.5	21,400	46.7	256.5	21,000	170
175	41.9	244.0	19,500	43.1	247.2	20,200	44.9	251.6	20,000	175
179	40.3	239.3	18,700	41.6	242.8	19,300	43.4	247.4	19,200	179
180	39.9	238.2	18,500	41.2	241.6	19,100	43.0	246.3	19,000	180
185	37.8	231.9	17,400	39.1	235.6	18,100	41.0	240.7	18,100	185
190	35.6	225.1	16,500	37.0	229.2	17,100	39.0	234.7	17,300	190
195	33.3	217.7	15,600	34.8	222.2	16,100	36.9	228.2	16,400	195
200	30.8	209.6	14,700	32.4	214.5	15,200	34.6	221.1	15,700	200
210	25.2	190.6	13,200	27.1	196.8	13,600	29.7	205.0	14,200	210
220	18.0	164.9	11,800	20.5	173.8	12,100	23.8	184.9	12,800	220
230	3.8	111.2	6,300	10.6	137.0	9,600	16.0	156.8	11,400	230
233				4.3	113.0	7,100	11.1	138.0	9,900	233
238							2.8	106.7	7,500	238
240										240
242										242
250										250
255										255
257										257

MLC250 S-2

ASME B30.5



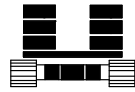
184,600 lb
+
44,000 lb



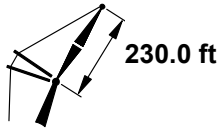
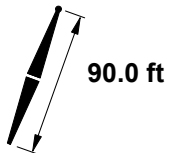
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
65													65
70													70
75													75
76													76
80													80
85													85
90													90
91													91
95													95
100													100
105													105
107	67.9	299.7	41,100										107
110	67.0	298.4	39,500										110
115	65.6	296.2	37,000										115
120	64.1	293.8	34,800										120
125	62.7	291.3	32,700										125
130	61.2	288.6	30,900										130
132	60.6	287.4	30,200	62.9	289.7	28,100							132
135	59.7	285.7	29,100	62.0	288.1	27,200							135
140	58.2	282.6	27,500	60.5	285.3	25,700							140
145	56.6	279.4	26,100	59.0	282.4	24,300							145
150	55.0	276.0	24,700	57.4	279.2	22,900							150
155	53.4	272.3	23,400	55.9	275.9	21,700							155
156	53.1	271.5	23,200	55.5	275.2	21,500	57.9	277.6	19,800				156
160	51.8	268.4	22,200	54.3	272.4	20,600	56.6	275.0	19,000				160
165	50.1	264.3	21,100	52.6	268.6	19,500	55.1	271.6	18,000				165
170	48.4	260.0	20,100	51.0	264.6	18,500	53.4	267.9	17,000				170
175	46.6	255.3	19,100	49.3	260.4	17,600	51.8	264.0	16,100				175
179	45.1	251.4	18,300	47.9	256.8	16,900	50.4	260.8	15,500	52.8	263.3	14,100	179
180	44.8	250.4	18,100	47.5	255.9	16,700	50.1	259.9	15,300	52.5	262.6	13,900	180
185	42.9	245.1	17,300	45.7	251.1	15,900	48.4	255.6	14,500	50.8	258.6	13,200	185
190	40.9	239.5	16,400	43.9	246.0	15,100	46.6	250.9	13,700	49.1	254.3	12,500	190
195	38.9	233.4	15,600	41.9	240.6	14,300	44.8	246.0	13,000	47.4	249.8	11,800	195
200	36.7	226.9	14,900	39.9	234.8	13,600	42.9	240.7	12,400	45.6	245.0	11,100	200
210	32.1	212.1	13,500	35.7	221.7	12,300	38.9	229.0	11,100	41.8	234.4	9,900	210
220	26.7	194.1	12,200	30.9	206.2	11,100	34.5	215.4	10,000	37.7	222.2	8,800	220
230	20.0	170.5	11,100	25.3	187.2	10,000	29.5	199.2	8,900	33.1	208.0	7,700	230
233	16.9	158.9	10,700	23.1	179.5	9,700	27.7	193.1	8,600	31.6	202.8	7,400	233
238	11.7	139.5	10,200	19.5	166.7	9,200	24.8	183.0	8,100	29.0	194.2	6,800	238
240	9.6	131.7	10,000	18.1	161.6	9,000	23.6	178.9	8,000	28.0	190.8	6,600	240
242	5.4	115.7	9,400	15.3	151.1	8,800	22.0	173.2	7,700	26.7	186.4	6,400	242
250				4.1	108.9	7,900	15.7	150.4	6,900	21.7	168.8	5,700	250
255							9.7	127.6	6,400	17.8	154.6	5,200	255
257							5.5	111.9	6,200				257

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



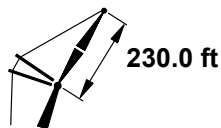
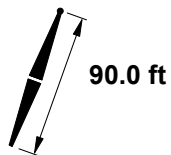
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
68	75.8	320.7	37,500							68
70	75.3	320.2	37,400							70
75	74.0	318.8	36,900							75
79	73.0	317.6	36,600	73.8	318.3	42,100				79
80	72.7	317.3	36,500	73.5	318.0	42,000				80
85	71.4	315.6	36,100	72.2	316.4	41,600				85
90	70.1	313.8	35,700	70.9	314.7	41,200				90
95	68.7	311.9	35,300	69.6	312.9	40,700	70.8	314.0	40,100	95
100	67.4	309.9	34,900	68.2	310.9	40,300	69.5	312.2	39,800	100
105	66.0	307.7	34,500	66.9	308.8	39,900	68.2	310.2	39,500	105
110	64.7	305.4	34,100	65.5	306.6	39,500	66.8	308.1	39,100	110
111	64.4	304.9	34,100	65.2	306.1	39,400	66.5	307.7	38,900	111
115	63.3	302.9	33,800	64.1	304.2	39,100	65.4	305.9	38,100	115
120	61.9	300.3	33,400	62.7	301.7	37,200	64.1	303.5	35,800	120
125	60.4	297.5	33,100	61.3	299.0	35,000	62.7	300.9	33,700	125
130	59.0	294.5	32,000	59.9	296.1	33,000	61.2	298.2	31,800	130
135	57.5	291.4	30,700	58.4	293.1	31,200	59.8	295.4	30,000	135
136	57.2	290.7	30,400	58.1	292.5	30,900	59.5	294.8	29,700	136
140	56.0	288.1	29,100	57.0	289.9	29,500	58.4	292.3	28,400	140
145	54.5	284.6	27,400	55.5	286.5	28,000	56.9	289.1	26,900	145
150	53.0	280.8	25,700	53.9	282.9	26,500	55.4	285.7	25,500	150
155	51.4	276.9	24,200	52.4	279.2	25,200	53.8	282.1	24,100	155
160	49.7	272.7	22,800	50.8	275.1	23,700	52.3	278.3	22,900	160
161	49.4	271.9	22,600	50.4	274.3	23,400	51.9	277.5	22,700	161
165	48.1	268.3	21,500	49.1	270.9	22,300	50.7	274.3	21,800	165
170	46.4	263.7	20,300	47.5	266.4	21,000	49.0	270.0	20,700	170
175	44.6	258.7	19,100	45.7	261.6	19,800	47.3	265.5	19,700	175
180	42.8	253.4	18,100	44.0	256.5	18,700	45.6	260.7	18,700	180
185	40.9	247.8	17,000	42.1	251.1	17,700	43.8	255.6	17,800	185
190	39.0	241.7	16,100	40.2	245.3	16,700	42.0	250.2	17,000	190
195	36.9	235.2	15,200	38.2	239.1	15,700	40.1	244.4	16,200	195
200	34.8	228.2	14,300	36.2	232.5	14,800	38.1	238.1	15,400	200
205	32.5	220.6	13,500	34.0	225.2	14,000	36.0	231.4	14,700	205
210	30.1	212.3	12,700	31.7	217.4	13,200	33.8	224.2	13,900	210
220	24.6	192.7	11,300	26.5	199.1	11,700	29.0	207.6	12,400	220
230	17.6	166.4	10,100	20.1	175.5	10,400	23.3	186.9	11,000	230
235	12.8	147.6	8,300	16.0	159.9	9,800	19.8	174.1	10,300	235
240				10.4	137.9	8,000	15.7	158.1	9,700	240
243				4.2	113.4	5,600	10.8	138.9	8,300	243
248							2.7	107.0	6,000	248
250										250
252										252
260										260
265										265

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



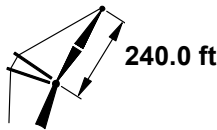
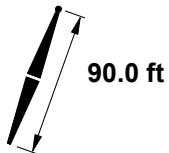
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
68													68
70													70
75													75
79													79
80													80
85													85
90													90
95													95
100													100
105													105
110													110
111	67.8	308.9	38,600										111
115	66.7	307.2	36,700										115
120	65.3	304.9	34,500										120
125	64.0	302.5	32,400										125
130	62.6	299.9	30,500										130
135	61.1	297.2	28,800										135
136	60.9	296.7	28,500	63.0	298.9	26,500							136
140	59.7	294.4	27,200	61.9	296.8	25,300							140
145	58.2	291.3	25,800	60.5	294.0	23,900							145
150	56.8	288.1	24,400	59.0	291.0	22,600							150
155	55.3	284.7	23,100	57.5	287.9	21,400							155
160	53.7	281.1	21,900	56.1	284.6	20,300							160
161	53.4	280.3	21,700	55.7	283.9	20,100	58.0	286.3	18,500				161
165	52.2	277.2	20,800	54.5	281.1	19,200	56.8	283.7	17,700				165
170	50.6	273.2	19,800	53.0	277.4	18,200	55.3	280.3	16,700				170
175	48.9	268.9	18,800	51.4	273.5	17,300	53.7	276.7	15,800				175
180	47.2	264.4	17,800	49.8	269.3	16,400	52.2	272.8	15,000				180
185	45.5	259.5	17,000	48.1	264.9	15,600	50.6	268.8	14,200	52.9	271.3	12,900	185
190	43.7	254.4	16,100	46.4	260.2	14,800	48.9	264.5	13,400	51.3	267.4	12,100	190
195	41.9	249.0	15,400	44.7	255.3	14,000	47.2	260.0	12,700	49.6	263.2	11,500	195
200	40.0	243.1	14,600	42.8	250.0	13,300	45.5	255.2	12,100	48.0	258.8	10,800	200
205	38.0	236.9	13,900	41.0	244.3	12,600	43.7	250.0	11,400	46.3	254.1	10,200	205
210	35.9	230.1	13,200	39.0	238.3	12,000	41.9	244.6	10,800	44.5	249.1	9,600	210
220	31.3	214.9	12,000	34.8	224.8	10,800	38.0	232.5	9,700	40.8	238.1	8,400	220
230	26.1	196.4	10,800	30.2	208.9	9,700	33.7	218.5	8,600	36.8	225.6	7,200	230
235	23.0	185.3	10,300	27.5	199.7	9,200	31.3	210.5	8,100	34.7	218.5	6,700	235
240	19.6	172.2	9,800	24.7	189.4	8,700	28.8	201.8	7,500	32.4	210.9	6,200	240
243	16.5	160.3	9,400	22.6	181.5	8,400	27.1	195.5	7,200	30.9	205.6	5,900	243
248	11.4	140.5	8,900	19.1	168.4	8,000	24.2	185.1	6,700	28.3	196.8	5,500	248
250	9.4	132.5	8,700	17.7	163.1	7,800	23.1	180.9	6,500	27.3	193.2	5,300	250
252	5.2	116.2	7,800	14.9	152.4	7,600	21.5	175.1	6,300				252
260				4.0	109.2	6,800	15.4	151.8	5,600				260
265							9.4	128.4	5,100				265

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



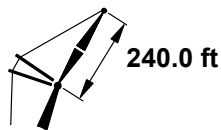
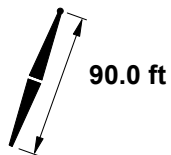
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
70	75.9	330.5	34,000							70
75	74.7	329.2	33,500							75
80	73.5	327.7	33,100							80
81	73.2	327.4	33,100	74.0	328.1	38,000				81
85	72.2	326.2	32,700	73.0	326.9	37,700				85
90	70.9	324.5	32,300	71.7	325.3	37,300				90
95	69.7	322.6	31,900	70.5	323.6	36,900				95
98	68.9	321.5	31,700	69.7	322.4	36,600	70.9	323.6	36,000	98
100	68.4	320.7	31,600	69.2	321.7	36,400	70.4	322.9	35,900	100
105	67.1	318.6	31,200	67.9	319.7	36,000	69.1	321.0	35,600	105
110	65.8	316.4	30,800	66.6	317.6	35,600	67.8	319.0	35,300	110
114	64.7	314.5	30,600	65.6	315.8	35,300	66.8	317.3	35,000	114
115	64.5	314.1	30,500	65.3	315.3	35,300	66.5	316.9	34,900	115
120	63.1	311.6	30,100	64.0	312.9	34,900	65.2	314.6	34,600	120
125	61.8	308.9	29,800	62.6	310.4	34,500	63.9	312.2	33,300	125
130	60.4	306.1	29,500	61.3	307.7	32,700	62.6	309.6	31,400	130
135	59.0	303.2	29,200	59.9	304.8	30,800	61.2	306.9	29,600	135
140	57.6	300.1	28,400	58.5	301.8	29,100	59.8	304.0	28,000	140
141	57.3	299.4	28,100	58.2	301.1	28,800	59.5	303.4	27,700	141
145	56.2	296.8	26,800	57.1	298.6	27,600	58.4	301.0	26,400	145
150	54.7	293.3	25,200	55.7	295.2	26,100	57.0	297.8	25,000	150
155	53.3	289.6	23,700	54.2	291.7	24,600	55.6	294.4	23,700	155
160	51.8	285.7	22,300	52.7	287.9	23,200	54.1	290.9	22,500	160
165	50.2	281.6	21,000	51.2	284.0	21,800	52.6	287.1	21,400	165
167	49.6	279.9	20,500	50.6	282.3	21,300	52.0	285.5	20,900	167
170	48.6	277.3	19,800	49.6	279.8	20,500	51.1	283.1	20,300	170
175	47.0	272.7	18,600	48.0	275.4	19,300	49.5	278.9	19,300	175
180	45.3	267.9	17,500	46.4	270.7	18,200	47.9	274.5	18,300	180
185	43.6	262.7	16,500	44.7	265.7	17,100	46.3	269.8	17,400	185
190	41.9	257.2	15,500	43.0	260.5	16,100	44.6	264.8	16,600	190
191	41.5	256.1	15,400	42.6	259.3	15,900	44.3	263.8	16,400	191
195	40.0	251.4	14,600	41.2	254.9	15,200	42.9	259.6	15,800	195
200	38.1	245.2	13,800	39.3	248.9	14,300	41.1	253.9	15,000	200
205	36.1	238.5	13,000	37.4	242.5	13,500	39.2	247.9	14,200	205
210	34.0	231.3	12,200	35.4	235.6	12,700	37.3	241.5	13,400	210
220	29.5	215.0	10,800	31.0	220.2	11,200	33.1	227.2	11,800	220
230	24.1	194.9	9,500	25.9	201.4	9,900	28.4	210.1	10,400	230
240	17.2	167.9	8,300	19.6	177.2	8,700	22.8	188.9	9,200	240
245	12.5	148.6	6,700	15.6	161.2	8,100	19.4	175.8	8,600	245
250				10.1	138.8	6,400	15.3	159.5	8,000	250
255							9.7	136.3	7,000	255
260										260
262										262
270										270

MLC250 S-2

ASME B30.5



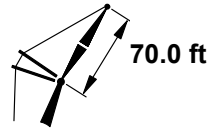
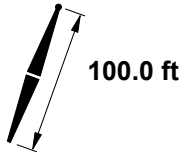
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
70													70
75													75
80													80
81													81
85													85
90													90
95													95
98													98
100													100
105													105
110													110
114	68.0	318.4	36,700										114
115	67.7	318.0	36,200										115
120	66.4	315.9	34,000										120
125	65.1	313.6	32,000										125
130	63.8	311.2	30,100										130
135	62.5	308.6	28,400										135
140	61.1	305.9	26,800										140
141	60.8	305.3	26,500	62.9	307.6	24,600							141
145	59.7	303.0	25,300	61.8	305.5	23,500							145
150	58.3	300.0	24,000	60.4	302.7	22,200							150
155	56.9	296.8	22,700	59.1	299.7	20,900							155
160	55.5	293.4	21,500	57.6	296.6	19,800							160
165	54.0	289.8	20,400	56.2	293.3	18,800							165
167	53.4	288.3	20,000	55.6	291.9	18,400	57.8	294.3	16,800				167
170	52.5	286.0	19,300	54.8	289.8	17,800	56.9	292.4	16,200				170
175	51.0	282.0	18,300	53.3	286.1	16,800	55.5	289.0	15,300				175
180	49.4	277.8	17,400	51.8	282.3	15,900	54.0	285.4	14,500				180
185	47.8	273.4	16,500	50.2	278.2	15,100	52.5	281.6	13,700				185
190	46.2	268.7	15,700	48.7	273.8	14,300	51.0	277.6	13,000				190
191	45.8	267.7	15,600	48.3	272.9	14,200	50.7	276.8	12,800	52.9	279.3	11,500	191
195	44.5	263.7	14,900	47.0	269.3	13,600	49.4	273.4	12,300	51.7	276.2	10,900	195
200	42.7	258.3	14,200	45.4	264.4	12,900	47.8	269.0	11,600	50.1	272.1	10,200	200
205	40.9	252.7	13,500	43.7	259.3	12,200	46.2	264.3	11,000	48.5	267.8	9,500	205
210	39.1	246.7	12,800	41.9	253.8	11,600	44.5	259.3	10,300	46.9	263.2	8,900	210
220	35.1	233.3	11,600	38.2	241.8	10,400	41.0	248.3	9,100	43.5	253.1	7,700	220
230	30.6	217.6	10,400	34.1	227.9	9,300	37.1	235.9	8,000	39.9	241.8	6,600	230
240	25.5	198.6	9,400	29.5	211.6	8,300	33.0	221.4	6,900	36.0	228.8	5,500	240
245	22.5	187.3	8,900	26.9	202.1	7,800	30.7	213.3	6,400	33.9	221.6	5,100	245
250	19.1	173.9	8,400	24.1	191.5	7,300	28.2	204.3	5,900				250
255	15.0	157.3	7,900	21.0	179.3	6,700	25.5	194.3	5,400				255
260	9.1	133.3	7,400	17.3	164.7	6,300							260
262	5.1	116.6	6,300	14.6	153.6	6,100							262
270				3.9	109.6	5,300							270

MLC250 S-2

ASME B30.5



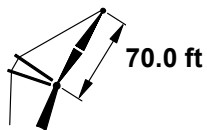
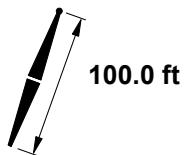
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
30	75.1	175.4	158,000 d							30
32	73.4	174.8	155,100 d							32
34	71.7	174.1	149,000 d							34
35	70.8	173.7	146,100 d	73.8	174.6	155,500 d				35
36	69.9	173.3	143,200 d	72.9	174.3	152,400 d				36
38	68.1	172.5	137,800 c	71.2	173.6	146,400 d				38
40	66.4	171.7	132,800 b	69.5	172.9	140,900 d				40
44	62.7	169.6	123,700 b	65.9	171.1	130,900 d	70.5	172.7	142,400 d	44
45	61.8	169.1	121,500 b	65.0	170.7	128,500 b	69.6	172.3	139,700 d	45
50	57.0	166.0	111,800	60.3	168.0	117,900 b	65.2	170.1	125,500 b	50
52	54.9	164.5	108,500	58.4	166.7	114,200 b	63.3	169.1	119,600 b	52
55	51.8	162.3	103,600	55.4	164.7	108,700	60.5	167.5	110,800 b	55
60	46.3	157.8	96,500	50.2	160.8	100,900	55.6	164.2	99,000	60
65	40.3	152.3	90,300	44.6	156.0	91,600	50.4	160.3	89,300	65
66	38.8	150.9	89,200	43.3	154.8	90,000	49.3	159.4	87,700	66
70	33.2	145.3	84,700	38.2	150.1	83,300	44.8	155.6	81,200	70
75	24.4	135.8	77,500	30.8	142.5	76,300	38.5	149.7	74,300	75
80	9.5	118.3	61,400	21.1	131.8	70,100	31.1	142.3	68,400	80
84				5.7	113.5	59,200	23.5	133.8	64,300	84
85							21.6	131.7	63,200	85
89							7.4	114.9	59,400	89
90										90
93										93
94										94
95										95
100										100
103										103
105										105
110										110
111										111
115										115
119										119

MLC250 S-2

ASME B30.5



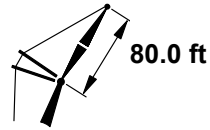
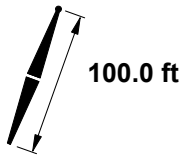
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
30													30
32													32
34													34
35													35
36													36
38													38
40													40
44													44
45													45
50													50
52	68.0	170.7	116,100 c										52
55	65.3	169.3	107,900 b										55
60	60.7	166.7	96,400 b										60
65	55.8	163.4	86,900										65
66	54.8	162.7	85,400	63.0	166.0	81,400 b							66
70	50.6	159.6	79,100	59.2	163.7	75,500 b							70
75	45.0	154.9	72,400	54.3	160.3	69,100							75
80	38.7	149.1	66,600	49.0	156.1	63,600	57.5	159.7	60,600 b				80
84	32.9	143.1	62,600	44.3	152.1	59,800	53.5	156.8	57,000 b				84
85	31.4	141.6	61,600	43.2	151.1	58,800	52.5	156.1	56,100				85
89	23.8	133.3	58,100	37.9	146.2	55,500	48.1	152.6	52,900				89
90	21.9	131.2	57,200	36.6	144.9	54,600	47.0	151.7	52,100				90
93	11.9	119.3	54,700	32.0	140.1	52,400	43.4	148.5	50,000	52.4	152.6	47,500	93
94	8.5	115.4	53,900	30.4	138.4	51,700	42.2	147.4	49,300	51.4	151.7	46,800	94
95				28.8	136.8	50,900	41.0	146.3	48,500	50.3	150.9	46,200	95
100				18.1	124.7	47,500	34.1	139.6	45,400	44.7	146.2	43,200	100
103				3.6	107.3	45,500	29.0	134.1	43,600	40.9	142.6	41,500	103
105							25.6	130.5	42,500	38.4	140.3	40,500	105
110							12.2	115.0	39,800	31.0	132.8	38,000	110
111							6.6	108.2	39,200	29.0	130.6	37,500	111
115										21.3	122.1	35,700	115
119										6.5	104.5	33,900	119

MLC250 S-2

ASME B30.5



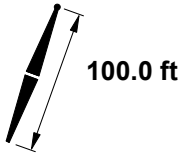
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
32	75.5	185.2	147,500 d							32
34	74.0	184.6	143,900 d							34
36	72.5	184.0	138,500 d							36
38	71.0	183.3	133,500 c	73.6	184.2	141,700 d				38
40	69.5	182.5	128,700 b	72.1	183.5	136,500 d				40
45	65.6	180.4	118,100 b	68.3	181.6	124,900 b				45
47	64.0	179.3	114,400 b	66.7	180.7	120,900 b	70.8	182.3	130,800 c	47
50	61.5	177.8	108,900	64.4	179.4	114,800 b	68.5	181.1	124,200 b	50
55	57.3	174.7	101,000	60.3	176.6	106,100	64.5	178.8	110,400 b	55
56	56.5	174.0	99,600	59.4	176.0	104,600	63.7	178.3	108,000 b	56
60	52.9	171.1	94,000	56.0	173.4	98,500	60.5	176.1	98,600	60
65	48.2	166.8	87,900	51.5	169.6	91,400	56.2	172.9	88,900	65
70	43.1	161.8	82,600	46.7	165.1	83,100	51.7	169.2	80,900	70
71	42.0	160.6	81,600	45.7	164.1	81,700	50.8	168.3	79,500	71
75	37.5	155.7	77,400	41.5	159.8	76,100	46.9	164.7	74,000	75
80	31.0	148.1	71,300	35.6	153.3	70,000	41.7	159.4	68,100	80
85	22.8	137.8	65,900	28.7	145.1	64,800	35.9	153.0	63,000	85
90	8.8	119.0	53,700	19.6	133.5	60,100	29.0	144.9	58,500	90
94				5.3	113.9	51,800	21.9	135.7	55,300	94
95							20.1	133.4	54,500	95
99							6.9	115.5	51,500	99
100										100
104										104
105										105
110										110
113										113
115										115
120										120
121										121
125										125
129										129

MLC250 S-2

ASME B30.5



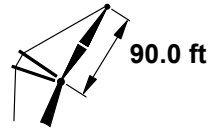
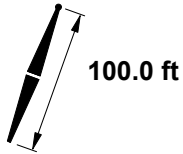
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
32													32
34													34
36													36
38													38
40													40
45													45
47													47
50													50
55													55
56	67.8	179.9	104,900 b										56
60	64.7	178.0	95,900 b										60
65	60.6	175.3	86,500										65
70	56.3	172.1	78,600										70
71	55.4	171.4	77,300	62.6	174.6	73,600							71
75	51.9	168.4	72,000	59.3	172.3	68,600							75
80	47.1	164.0	66,300	55.0	169.0	63,100							80
85	41.9	158.7	61,300	50.4	165.1	58,400	57.8	168.4	55,500				85
90	36.1	152.3	56,900	45.6	160.4	54,200	53.5	164.9	51,600				90
94	30.6	145.9	53,800	41.3	155.9	51,300	49.7	161.5	48,800				94
95	29.3	144.3	53,100	40.2	154.8	50,600	48.8	160.7	48,100				95
99	22.2	135.2	50,300	35.3	149.4	47,900	44.8	156.8	45,600	52.5	160.6	43,200	99
100	20.4	133.0	49,600	34.1	148.0	47,300	43.8	155.8	44,900	51.6	159.8	42,600	100
104	7.9	116.0	46,900	28.3	141.0	44,900	39.3	151.0	42,700	47.8	156.2	40,500	104
105				26.9	139.2	44,300	38.2	149.8	42,100	46.8	155.3	39,900	105
110				16.8	126.1	41,500	31.8	142.4	39,600	41.6	150.0	37,500	110
113				3.3	107.4	39,900	27.0	136.5	38,100	38.1	146.1	36,200	113
115							23.9	132.6	37,200	35.7	143.5	35,300	115
120							11.4	115.9	35,000	28.8	135.3	33,300	120
121							6.1	108.6	34,500	27.0	133.0	32,900	121
125										19.8	123.8	31,400	125
129										6.0	104.9	29,900	129

MLC250 S-2

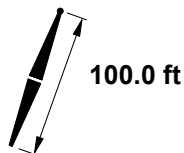
ASME B30.5



	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
34	75.9	195.0	139,300 d						34	
36	74.5	194.4	134,300 d						36	
38	73.2	193.8	129,700 c						38	
40	71.9	193.2	125,300 b						40	
41	71.2	192.8	123,300 b	73.5	193.7	130,300 d			41	
45	68.5	191.3	115,200 b	70.8	192.4	121,800 b			45	
50	65.0	189.0	106,500	67.4	190.4	112,200 b	71.0	191.8	121,200 b	
55	61.4	186.4	98,800	63.9	188.0	103,900	67.5	189.8	110,100 b	
60	57.6	183.4	92,100	60.3	185.3	96,600	64.0	187.5	98,300	
65	53.8	179.9	86,200	56.5	182.1	90,200	60.4	184.8	88,700	
70	49.6	175.8	81,000	52.5	178.4	82,900	56.6	181.6	80,600	
75	45.3	171.1	76,300	48.4	174.2	75,900	52.7	178.0	73,800	
76	44.3	170.0	75,300	47.5	173.2	74,700	51.9	177.1	72,600	
80	40.5	165.5	71,200	43.9	169.2	69,900	48.5	173.7	67,900	
85	35.2	158.9	65,800	39.0	163.4	64,700	44.1	168.8	62,900	
90	29.1	150.7	61,200	33.5	156.4	60,100	39.2	163.0	58,400	
91	27.6	148.5	60,300	32.2	154.6	59,200	38.1	161.6	57,600	
95	21.4	139.7	57,000	27.0	147.5	56,000	33.7	156.0	54,400	
100	8.2	119.6	46,700	18.5	135.1	52,300	27.3	147.3	50,900	
104				4.9	114.2	45,300	20.6	137.5	48,300	
105							18.9	135.1	47,700	
109							6.4	115.9	45,200	
110									110	
114									114	
115									115	
120									120	
123									123	
125									125	
130									130	
131									131	
135									135	
139									139	

MLC250 S-2

ASME B30.5



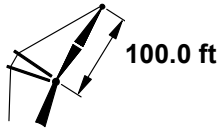
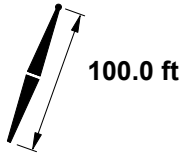
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
34													34
36													36
38													38
40													40
41													41
45													45
50													50
55													55
60	67.7	189.0	95,600 b										60
65	64.1	186.7	86,200										65
70	60.5	184.0	78,300										70
75	56.8	180.8	71,700										75
76	56.0	180.1	70,600	62.3	183.3	67,100							76
80	52.8	177.2	66,000	59.4	181.0	62,800							80
85	48.7	173.0	61,100	55.6	177.7	58,100							85
90	44.2	168.1	56,700	51.6	173.9	54,000							90
91	43.2	166.9	56,000	50.7	173.0	53,200	57.3	176.4	50,500				91
95	39.4	162.3	52,900	47.3	169.5	50,300	54.2	173.6	47,700				95
100	33.9	155.4	49,500	42.8	164.4	47,000	50.1	169.6	44,600				100
104	28.8	148.4	47,000	38.8	159.5	44,700	46.7	165.9	42,400				104
105	27.5	146.7	46,400	37.8	158.3	44,100	45.8	165.0	41,800	52.6	168.6	39,600	105
109	20.9	137.1	44,100	33.2	152.4	42,000	42.0	160.6	39,800	49.3	165.2	37,700	109
110	19.2	134.7	43,500	32.1	150.9	41,400	41.1	159.6	39,300	48.4	164.3	37,200	110
114	7.4	116.6	41,400	26.6	143.3	39,500	36.9	154.4	37,500	44.8	160.4	35,500	114
115				25.3	141.4	39,000	35.9	153.1	37,000	43.9	159.4	35,000	115
120				15.8	127.5	36,800	29.9	145.1	34,900	39.1	153.6	33,000	120
123				3.0	107.6	35,400	25.4	138.8	33,700	35.8	149.4	31,900	123
125							22.4	134.5	33,000	33.6	146.6	31,200	125
130							10.7	116.8	31,100	27.1	137.7	29,500	130
131							5.7	109.0	30,700	25.4	135.3	29,200	131
135										18.6	125.4	27,900	135
139										5.6	105.3	26,600	139

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



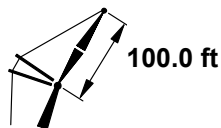
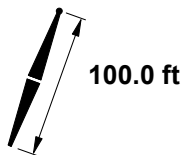
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
37	75.5	204.5	127,500 d							37
38	74.9	204.3	125,300 c							38
40	73.7	203.7	121,300 b							40
43	71.9	202.7	115,600 b	74.0	203.6	122,000 b				43
45	70.7	202.0	111,900 b	72.8	202.9	118,200 b				45
50	67.6	200.0	103,600	69.8	201.2	109,200 b				50
54	65.1	198.2	97,800	67.3	199.5	102,900 b	70.5	201.0	110,700 b	54
55	64.5	197.7	96,300	66.7	199.1	101,300	69.9	200.6	109,000 b	55
60	61.2	195.1	89,900	63.5	196.7	94,300	66.8	198.6	97,900	60
64	58.6	192.7	85,300	60.9	194.5	89,300	64.3	196.7	90,100	64
65	57.9	192.1	84,200	60.2	193.9	88,100	63.6	196.2	88,200	65
70	54.4	188.6	79,000	56.8	190.8	82,500	60.4	193.4	80,200	70
75	50.8	184.7	74,500	53.3	187.2	75,500	57.0	190.3	73,400	75
80	46.9	180.2	70,400	49.6	183.1	69,500	53.5	186.7	67,500	80
85	42.8	175.0	65,600	45.7	178.4	64,300	49.8	182.7	62,500	85
90	38.3	169.0	60,900	41.5	173.0	59,800	45.9	178.0	58,000	90
95	33.3	161.9	56,800	36.9	166.7	55,700	41.7	172.7	54,100	95
96	32.2	160.2	56,100	35.8	165.2	55,000	40.7	171.4	53,400	96
100	27.6	153.1	53,100	31.7	159.2	52,100	37.1	166.4	50,600	100
105	20.3	141.5	49,800	25.6	149.7	48,900	31.9	158.9	47,400	105
110	7.8	120.2	40,800	17.5	136.6	45,900	25.8	149.6	44,600	110
111				14.2	131.0	44,300	24.2	147.0	44,100	111
114				4.6	114.5	39,600	19.4	139.2	42,500	114
115							17.9	136.6	42,000	115
119							6.1	116.4	39,900	119
120										120
124										124
125										125
130										130
133										133
135										135
140										140
141										141
145										145
149										149

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



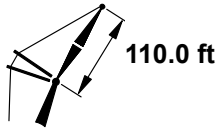
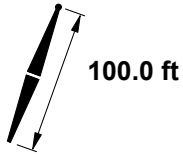
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
37													37
38													38
40													40
43													43
45													45
50													50
54													54
55													55
60													60
64	67.5	198.2	87,400										64
65	66.9	197.8	85,700										65
70	63.7	195.4	77,900										70
75	60.5	192.6	71,200										75
80	57.1	189.5	65,600	62.7	192.5	62,300							80
85	53.6	186.0	60,600	59.5	189.7	57,600							85
90	49.9	181.9	56,300	56.0	186.4	53,400							90
95	46.0	177.3	52,500	52.5	182.7	49,800							95
96	45.1	176.2	51,800	51.7	181.9	49,100	57.6	185.1	46,500				96
100	41.8	172.0	49,100	48.7	178.5	46,600	54.8	182.4	44,100				100
105	37.2	165.7	46,000	44.7	173.7	43,600	51.2	178.5	41,300				105
110	32.1	158.3	43,300	40.4	168.1	41,000	47.4	174.1	38,800				110
111	30.9	156.4	42,700	39.5	166.8	40,500	46.5	173.1	38,300	52.7	176.6	36,200	111
114	27.2	150.9	41,200	36.7	162.8	39,100	44.1	170.0	37,000	50.4	174.1	34,900	114
115	26.0	149.0	40,700	35.7	161.5	38,600	43.3	169.0	36,500	49.7	173.3	34,500	115
119	19.7	138.8	38,900	31.4	155.2	36,900	39.7	164.3	34,900	46.5	169.5	32,900	119
120	18.2	136.2	38,400	30.4	153.6	36,400	38.9	163.1	34,500	45.8	168.6	32,500	120
124	7.0	117.1	36,600	25.2	145.5	34,800	34.9	157.5	32,900	42.4	164.3	31,100	124
125				23.9	143.5	34,400	33.9	156.1	32,600	41.6	163.2	30,700	125
130				15.0	128.8	32,500	28.3	147.6	30,800	36.9	156.9	29,000	130
133				2.8	107.8	31,300	24.0	140.9	29,800	33.8	152.4	28,100	133
135							21.2	136.4	29,100	31.8	149.4	27,500	135
140							10.1	117.6	27,600	25.7	140.0	26,100	140
141							5.4	109.4	27,200	24.1	137.4	25,800	141
145										17.6	126.9	24,700	145
149										5.3	105.7	23,600	149

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



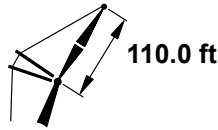
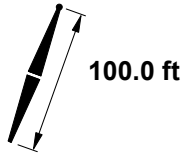
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	ft
39	75.8	214.4	118,000 b							39
40	75.3	214.1	117,200 b							40
45	72.5	212.6	108,600 b							45
46	72.0	212.2	107,000 b	73.9	213.1	112,700 b				46
50	69.8	210.8	100,800	71.7	211.8	106,100 b				50
55	67.0	208.8	93,900	68.9	210.0	98,700				55
57	65.8	207.8	91,400	67.8	209.1	96,100	70.7	210.6	102,900	57
60	64.1	206.4	87,700	66.1	207.8	92,100	69.0	209.4	97,700	60
65	61.1	203.7	82,200	63.2	205.4	86,200	66.2	207.3	88,100	65
67	59.9	202.5	80,300	62.0	204.3	84,100	65.0	206.3	84,900	67
70	58.1	200.7	77,400	60.2	202.6	80,800	63.3	204.9	80,100	70
75	54.9	197.3	72,900	57.1	199.5	75,500	60.3	202.1	73,300	75
80	51.7	193.5	68,900	54.0	196.0	69,500	57.3	199.0	67,400	80
85	48.2	189.2	65,400	50.6	192.0	64,300	54.1	195.5	62,400	85
90	44.6	184.3	60,900	47.1	187.5	59,700	50.8	191.5	58,000	90
95	40.7	178.8	56,800	43.4	182.5	55,700	47.3	187.1	54,000	95
100	36.4	172.3	52,900	39.4	176.7	52,100	43.6	182.1	50,600	100
101	35.5	170.8	52,100	38.6	175.3	51,500	42.8	180.9	49,900	101
105	31.7	164.8	49,100	35.1	169.9	48,900	39.6	176.3	47,400	105
110	26.2	155.5	46,100	30.1	161.9	46,000	35.3	169.6	44,600	110
115	19.3	143.1	43,800	24.3	151.9	43,300	30.4	161.6	42,000	115
117	14.5	134.2	40,800	21.2	146.3	42,300	28.0	157.7	41,100	117
120	7.4	120.8	36,300	16.6	138.0	40,900	24.6	151.7	39,700	120
124				4.4	114.9	35,300	18.5	140.8	37,900	124
125							17.0	138.1	37,500	125
129							5.7	116.9	35,800	129
130										130
134										134
135										135
140										140
143										143
145										145
150										150
151										151
155										155
159										159

MLC250 S-2

ASME B30.5



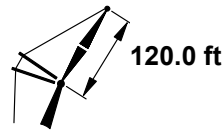
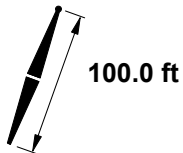
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
39													39
40													40
45													45
46													46
50													50
55													55
57													57
60													60
65													65
67	68.0	207.8	82,200										67
70	66.3	206.5	77,700										70
75	63.4	204.1	71,100										75
80	60.4	201.3	65,400										80
85	57.4	198.2	60,500	62.5	201.2	57,400							85
90	54.2	194.7	56,200	59.5	198.3	53,300							90
95	50.9	190.8	52,400	56.4	195.1	49,700							95
100	47.4	186.4	49,000	53.2	191.5	46,400							100
101	46.7	185.4	48,400	52.5	190.7	45,900	57.8	193.8	43,300				101
105	43.7	181.3	46,000	49.8	187.4	43,500	55.3	191.1	41,200				105
110	39.7	175.6	43,200	46.3	182.8	40,900	52.0	187.3	38,700				110
115	35.4	168.9	40,700	42.5	177.6	38,600	48.6	183.1	36,400				115
117	33.4	165.8	39,800	40.9	175.2	37,700	47.2	181.1	35,600	52.7	184.6	33,500	117
120	30.5	161.0	38,400	38.5	171.6	36,400	45.0	178.3	34,400	50.7	182.1	32,400	120
124	25.9	153.2	36,800	34.9	166.0	34,800	41.9	173.9	32,800	47.9	178.6	30,900	124
125	24.8	151.2	36,300	34.0	164.6	34,400	41.2	172.8	32,500	47.2	177.7	30,600	125
129	18.8	140.4	34,800	29.9	157.9	32,900	37.8	167.7	31,100	44.2	173.6	29,300	129
130	17.3	137.7	34,400	28.9	156.2	32,600	37.0	166.5	30,700	43.5	172.6	28,900	130
134	6.6	117.6	32,900	24.0	147.7	31,200	33.2	160.5	29,500	40.3	168.0	27,700	134
135				22.8	145.5	30,900	32.3	159.0	29,100	39.5	166.8	27,400	135
140				14.2	130.0	29,300	26.9	150.0	27,600	35.1	160.1	26,000	140
143				2.6	107.9	28,200	22.9	142.9	26,800	32.2	155.3	25,200	143
145							20.2	138.1	26,200	30.2	152.1	24,700	145
150							9.6	118.4	24,900	24.4	142.2	23,400	150
151							5.1	109.8	24,600	22.9	139.4	23,200	151
155										16.8	128.4	22,300	155
159										5.0	106.1	21,300	159

MLC250 S-2

ASME B30.5



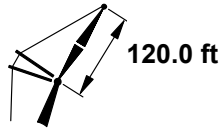
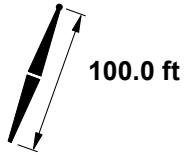
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
41	76.0	224.2	111,300 b							41
45	74.0	223.1	105,000 b							45
49	72.0	221.8	99,300 b	73.8	222.6	104,300 b				49
50	71.5	221.5	97,800	73.3	222.3	102,900				50
55	69.0	219.6	91,400	70.8	220.7	96,000				55
60	66.4	217.5	85,500	68.2	218.7	89,700	70.9	220.1	96,000	60
65	63.7	215.1	80,200	65.6	216.5	84,100	68.3	218.2	87,700	65
70	61.0	212.4	75,500	62.9	214.0	79,000	65.7	216.0	79,600	70
71	60.5	211.8	74,600	62.4	213.5	78,100	65.2	215.5	78,300	71
75	58.2	209.4	71,200	60.2	211.3	74,400	63.0	213.5	72,800	75
80	55.4	206.1	67,400	57.4	208.2	69,100	60.3	210.8	67,000	80
85	52.4	202.3	63,800	54.5	204.7	63,900	57.5	207.7	62,000	85
89	49.9	199.0	61,200	52.1	201.6	60,300	55.2	204.9	58,400	89
90	49.3	198.2	60,500	51.5	200.8	59,300	54.6	204.2	57,500	90
95	46.0	193.5	56,500	48.3	196.5	55,300	51.6	200.4	53,600	95
100	42.6	188.3	52,400	45.0	191.7	51,700	48.4	196.1	50,100	100
105	38.9	182.3	48,600	41.5	186.3	48,500	45.1	191.3	47,000	105
106	38.0	181.0	47,900	40.7	185.0	48,000	44.4	190.2	46,500	106
110	34.8	175.5	45,200	37.7	180.1	45,600	41.6	185.9	44,200	110
115	30.3	167.5	42,300	33.5	172.9	43,000	37.8	179.7	41,700	115
120	25.1	157.7	39,900	28.8	164.5	40,600	33.7	172.6	39,300	120
123	21.1	149.9	38,900	25.5	158.1	39,300	30.9	167.6	38,100	123
125	18.4	144.7	38,200	23.2	153.9	38,400	29.0	164.2	37,200	125
130	7.0	121.4	31,900	15.9	139.4	36,300	23.5	153.8	35,200	130
134				4.1	115.2	31,100	17.7	142.3	33,700	134
135							16.2	139.5	33,400	135
139							5.5	117.3	31,900	139
140										140
144										144
145										145
150										150
153										153
155										155
160										160
161										161
165										165
169										169

MLC250 S-2

ASME B30.5



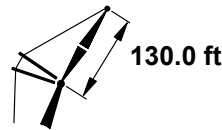
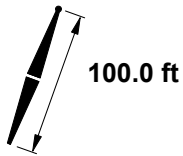
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
41													41
45													45
49													49
50													50
55													55
60													60
65													65
70													70
71	67.9	216.9	75,800										71
75	65.8	215.2	70,600										75
80	63.1	212.7	65,000										80
85	60.4	210.0	60,000										85
89	58.1	207.5	56,600	62.8	210.4	53,500							89
90	57.6	206.9	55,700	62.3	209.8	52,800							90
95	54.7	203.5	51,900	59.5	207.0	49,100							95
100	51.7	199.6	48,600	56.7	203.8	45,900							100
105	48.5	195.4	45,500	53.8	200.2	43,000							105
106	47.9	194.4	45,000	53.2	199.5	42,500	58.0	202.5	40,100				106
110	45.2	190.6	42,800	50.7	196.3	40,400	55.7	199.8	38,100				110
115	41.7	185.2	40,300	47.6	191.9	38,100	52.7	196.1	35,900				115
120	38.0	179.1	38,100	44.2	186.9	35,900	49.7	192.0	33,800				120
123	35.5	174.8	36,800	42.0	183.6	34,700	47.7	189.2	32,700	52.7	192.6	30,700	123
125	33.8	172.0	36,000	40.6	181.3	34,000	46.4	187.4	32,000	51.5	191.0	30,000	125
130	29.2	163.6	34,100	36.7	174.9	32,100	43.0	182.2	30,200	48.4	186.7	28,400	130
134	24.8	155.3	32,700	33.3	169.0	30,800	40.0	177.6	29,000	45.7	182.8	27,200	134
135	23.7	153.3	32,300	32.5	167.5	30,500	39.3	176.4	28,700	45.1	181.9	26,900	135
139	17.9	142.0	31,000	28.6	160.4	29,200	36.1	171.0	27,500	42.2	177.5	25,800	139
140	16.5	139.1	30,600	27.6	158.6	28,900	35.3	169.7	27,200	41.5	176.5	25,500	140
144	6.3	118.1	29,300	22.9	149.7	27,800	31.7	163.4	26,100	38.5	171.5	24,400	144
145				21.7	147.4	27,500	30.9	161.8	25,800	37.7	170.3	24,200	145
150				13.6	131.1	26,100	25.7	152.3	24,500	33.6	163.1	23,000	150
153				2.5	108.1	25,200	21.9	144.8	23,800	30.8	158.1	22,300	153
155							19.3	139.8	23,300	28.9	154.7	21,800	155
160							9.1	119.2	22,100	23.3	144.2	20,800	160
161							4.8	110.2	21,900	21.9	141.3	20,500	161
165										16.0	129.7	19,700	165
169										4.7	106.5	18,900	169

MLC250 S-2

ASME B30.5



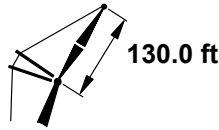
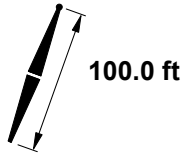
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
44	75.8	233.7	100,800 b							44
45	75.3	233.5	100,500 b							45
50	73.0	232.0	95,100							50
52	72.1	231.3	92,700	73.7	232.2	97,300				52
55	70.7	230.3	89,000	72.3	231.2	93,500				55
60	68.3	228.4	83,600	70.0	229.5	87,600				60
63	66.9	227.0	80,500	68.5	228.3	84,400	71.0	229.7	90,000	63
65	65.9	226.2	78,500	67.6	227.5	82,300	70.1	228.9	87,300	65
70	63.5	223.8	73,900	65.2	225.2	77,400	67.7	226.9	79,300	70
75	61.0	221.1	69,800	62.7	222.7	73,000	65.3	224.7	72,500	75
80	58.4	218.1	66,100	60.2	219.9	68,800	62.8	222.2	66,700	80
85	55.7	214.8	62,700	57.6	216.8	63,600	60.3	219.4	61,600	85
90	53.0	211.1	59,500	54.9	213.4	59,000	57.7	216.3	57,200	90
94	50.7	207.9	56,900	52.7	210.4	55,800	55.6	213.6	54,100	94
95	50.2	207.1	56,200	52.2	209.7	55,000	55.0	212.9	53,300	95
100	47.2	202.6	52,200	49.3	205.5	51,500	52.3	209.2	49,800	100
105	44.1	197.6	48,400	46.3	200.8	48,300	49.4	205.0	46,700	105
110	40.8	192.0	45,000	43.1	195.7	45,400	46.4	200.4	43,900	110
112	39.4	189.5	43,800	41.8	193.4	44,300	45.1	198.4	42,900	112
115	37.3	185.7	42,000	39.8	189.9	42,800	43.3	195.3	41,400	115
120	33.4	178.5	39,300	36.1	183.4	40,400	39.9	189.5	39,100	120
125	29.1	170.1	36,900	32.1	175.8	38,200	36.3	183.0	36,900	125
129	25.0	161.9	35,500	28.5	168.7	36,600	33.1	177.0	35,400	129
130	24.0	159.8	35,100	27.6	166.9	36,200	32.3	175.5	35,000	130
135	17.7	146.3	33,700	22.3	155.9	34,300	27.8	166.7	33,200	135
140	6.7	121.9	28,200	15.2	140.7	32,600	22.5	155.8	31,500	140
144				4.0	115.5	27,600	17.0	143.8	30,200	144
145							15.6	140.8	29,900	145
149							5.2	117.7	28,700	149
150										150
154										154
155										155
160										160
163										163
165										165
170										170
171										171
175										175
179										179

MLC250 S-2

ASME B30.5



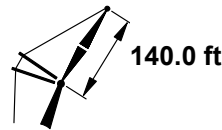
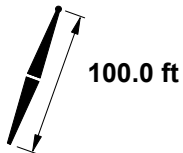
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
44													44
45													45
50													50
52													52
55													55
60													60
63													63
65													65
70													70
75	67.8	226.1	70,300										75
80	65.3	223.9	64,600										80
85	62.9	221.4	59,700										85
90	60.4	218.6	55,400										90
94	58.3	216.2	52,400	62.6	219.0	49,500							94
95	57.8	215.6	51,600	62.1	218.5	48,800							95
100	55.1	212.2	48,200	59.6	215.6	45,600							100
105	52.4	208.4	45,200	57.0	212.5	42,700							105
110	49.5	204.3	42,500	54.3	209.0	40,100							110
112	48.3	202.4	41,500	53.2	207.4	39,100	57.6	210.5	36,800				112
115	46.5	199.7	40,000	51.5	205.1	37,700	56.0	208.5	35,500				115
120	43.4	194.6	37,800	48.6	200.9	35,600	53.3	204.9	33,500				120
125	40.0	188.8	35,700	45.6	196.1	33,600	50.5	200.9	31,600				125
129	37.1	183.6	34,200	43.0	191.9	32,200	48.1	197.3	30,200	52.8	200.6	28,300	129
130	36.4	182.4	33,800	42.4	190.8	31,800	47.6	196.4	29,900	52.2	199.8	28,000	130
135	32.4	174.9	32,000	38.9	184.9	30,200	44.5	191.5	28,300	49.3	195.6	26,500	135
140	28.0	166.1	30,400	35.2	178.1	28,600	41.2	186.0	26,800	46.3	191.0	25,100	140
144	23.8	157.4	29,200	31.9	171.9	27,500	38.4	181.1	25,800	43.8	186.9	24,100	144
145	22.7	155.3	28,900	31.1	170.3	27,200	37.7	179.8	25,500	43.2	185.9	23,800	145
149	17.2	143.5	27,800	27.4	162.9	26,100	34.6	174.1	24,500	40.5	181.2	22,900	149
150	15.8	140.5	27,500	26.5	161.0	25,900	33.9	172.7	24,200	39.8	180.1	22,600	150
154	6.0	118.6	26,300	22.0	151.6	24,800	30.4	166.1	23,300	36.9	174.9	21,700	154
155				20.9	149.3	24,600	29.6	164.5	23,000	36.2	173.6	21,500	155
160				13.0	132.2	23,400	24.7	154.5	21,900	32.2	166.0	20,400	160
163				2.3	108.2	22,600	21.0	146.6	21,300	29.5	160.7	19,900	163
165							18.5	141.4	20,900	27.7	157.2	19,500	165
170							8.8	119.9	19,800	22.4	146.2	18,500	170
171							4.6	110.5	19,600	21.0	143.1	18,300	171
175										15.4	131.1	17,600	175
179										4.5	106.8	16,800	179

MLC250 S-2

ASME B30.5



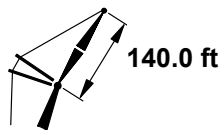
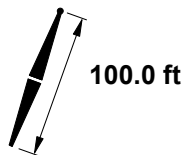
	88°			86°			83°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
46	75.9	243.5	88,500						46	
50	74.2	242.4	88,500						50	
54	72.5	241.2	86,600	74.0	242.0	88,500			54	
55	72.1	240.9	86,100	73.6	241.7	88,500			55	
60	69.9	239.1	81,000	71.4	240.1	84,900			60	
65	67.7	237.1	76,300	69.3	238.3	79,900			65	
67	66.8	236.2	74,600	68.4	237.4	78,000	70.7	238.8	83,000	67
70	65.5	234.9	72,000	67.1	236.2	75,300	69.4	237.7	78,800	70
75	63.2	232.4	68,000	64.8	233.9	71,100	67.1	235.7	72,000	75
79	61.3	230.3	65,100	63.0	231.9	68,000	65.3	233.8	67,400	79
80	60.9	229.7	64,400	62.5	231.4	67,200	64.9	233.4	66,200	80
85	58.5	226.7	61,100	60.2	228.6	63,200	62.6	230.9	61,200	85
90	56.1	223.5	58,100	57.8	225.5	58,600	60.3	228.1	56,800	90
95	53.5	219.9	55,300	55.3	222.1	54,600	57.9	225.0	52,900	95
98	52.0	217.5	53,400	53.8	219.9	52,500	56.4	223.0	50,800	98
100	50.9	215.9	52,200	52.7	218.4	51,100	55.4	221.7	49,400	100
105	48.2	211.6	48,400	50.1	214.4	47,900	52.9	218.0	46,300	105
110	45.4	206.8	45,000	47.4	209.9	45,000	50.2	213.9	43,500	110
115	42.4	201.5	42,000	44.5	205.0	42,400	47.5	209.5	41,000	115
117	41.1	199.1	40,900	43.3	202.8	41,400	46.3	207.5	40,000	117
120	39.2	195.6	39,200	41.5	199.5	40,000	44.6	204.6	38,700	120
125	35.8	189.0	36,800	38.2	193.4	37,800	41.6	199.1	36,500	125
130	32.1	181.4	34,600	34.7	186.5	35,800	38.4	193.0	34,600	130
135	28.0	172.6	32,800	30.9	178.6	34,000	34.9	186.2	32,800	135
140	23.1	161.8	31,200	26.6	169.3	32,300	31.1	178.3	31,100	140
145	17.0	147.7	30,200	21.5	157.8	30,700	26.8	169.1	29,600	145
150	6.4	122.5	25,000	14.6	141.9	29,100	21.7	157.7	28,200	150
154				3.8	115.7	24,400	16.3	145.2	27,000	154
155							15.0	142.1	26,800	155
159							5.0	118.1	25,700	159
160										160
164										164
165										165
170										170
173										173
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180										180
181										181
185										185
189										189

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ASME B30.5



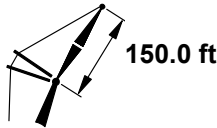
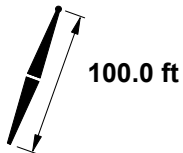
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
46													46
50													50
54													54
55													55
60													60
65													65
67													67
70													70
75													75
79	67.7	235.3	65,200										79
80	67.2	234.8	64,100										80
85	65.0	232.6	59,200										85
90	62.7	230.1	54,900										90
95	60.3	227.3	51,100										95
98	58.9	225.5	49,100	62.9	228.2	46,300							98
100	57.9	224.2	47,700	62.0	227.2	45,000							100
105	55.5	220.9	44,700	59.6	224.3	42,100							105
110	52.9	217.2	42,000	57.2	221.2	39,600							110
115	50.3	213.2	39,500	54.7	217.7	37,200							115
117	49.2	211.4	38,700	53.7	216.2	36,400	57.8	219.2	34,100				117
120	47.6	208.7	37,300	52.1	213.9	35,100	56.3	217.2	32,900				120
125	44.7	203.8	35,300	49.5	209.8	33,100	53.8	213.6	31,100				125
130	41.7	198.4	33,400	46.7	205.2	31,300	51.2	209.7	29,400				130
135	38.5	192.4	31,600	43.8	200.2	29,700	48.5	205.4	27,800	52.8	208.6	25,900	135
140	35.0	185.5	30,000	40.7	194.6	28,200	45.7	200.7	26,300	50.2	204.5	24,600	140
145	31.2	177.7	28,500	37.4	188.3	26,700	42.8	195.5	25,000	47.4	200.1	23,300	145
150	26.9	168.5	27,100	33.9	181.2	25,400	39.6	189.6	23,700	44.5	195.1	22,100	150
154	22.9	159.5	26,100	30.7	174.6	24,400	36.9	184.4	22,800	42.1	190.8	21,200	154
155	21.9	157.2	25,800	30.0	173.0	24,200	36.2	183.1	22,600	41.5	189.7	21,000	155
159	16.6	144.9	24,800	26.4	165.2	23,300	33.3	177.1	21,700	38.9	184.8	20,100	159
160	15.2	141.8	24,600	25.5	163.2	23,000	32.6	175.7	21,500	38.3	183.6	19,900	160
164	5.8	119.1	23,600	21.2	153.5	22,100	29.3	168.7	20,600	35.5	178.1	19,200	164
165				20.1	151.0	21,900	28.5	167.0	20,400	34.8	176.7	19,000	165
170				12.5	133.3	20,800	23.7	156.5	19,400	31.0	168.8	18,000	170
173				2.2	108.3	20,200	20.2	148.4	18,900	28.4	163.2	17,500	173
175							17.8	143.0	18,500	26.7	159.5	17,200	175
180							8.4	120.6	17,600	21.5	148.1	16,300	180
181							4.4	110.9	17,400	20.2	144.9	16,200	181
185										14.8	132.3	15,500	185
189										4.3	107.1	14,800	189

MLC250 S-2

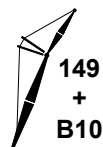
ASME B30.5



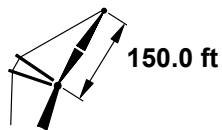
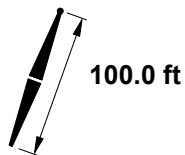
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
49	75.7	253.1	81,100							49
50	75.3	252.8	80,900							50
55	73.3	251.4	79,800							55
57	72.5	250.7	79,400	73.9	251.6	85,300				57
60	71.3	249.7	78,700	72.7	250.6	82,400				60
65	69.3	247.9	74,300	70.7	248.9	77,800				65
70	67.2	245.9	70,200	68.7	247.0	73,500	70.8	248.4	78,000	70
75	65.1	243.6	66,500	66.6	244.9	69,400	68.8	246.5	71,900	75
80	63.0	241.1	63,000	64.5	242.6	65,700	66.7	244.4	66,100	80
82	62.1	240.0	61,700	63.6	241.6	64,400	65.8	243.5	64,000	82
85	60.8	238.4	59,800	62.3	240.0	62,300	64.6	242.1	61,000	85
90	58.6	235.4	56,900	60.2	237.2	58,500	62.4	239.5	56,600	90
95	56.3	232.2	54,200	57.9	234.2	54,500	60.2	236.7	52,700	95
100	54.0	228.6	51,600	55.6	230.8	50,900	58.0	233.7	49,200	100
103	52.5	226.3	49,400	54.2	228.7	49,000	56.6	231.7	47,400	103
105	51.6	224.7	48,000	53.3	227.2	47,700	55.7	230.4	46,100	105
110	49.1	220.5	44,800	50.8	223.2	44,800	53.4	226.7	43,300	110
115	46.5	215.9	41,800	48.3	218.9	42,200	50.9	222.8	40,800	115
120	43.7	210.8	39,100	45.7	214.1	39,900	48.4	218.5	38,500	120
122	42.6	208.6	38,100	44.5	212.1	39,000	47.3	216.6	37,700	122
125	40.9	205.2	36,600	42.9	208.9	37,700	45.8	213.7	36,400	125
130	37.8	199.0	34,400	40.0	203.2	35,700	43.0	208.5	34,500	130
135	34.6	192.1	32,500	36.9	196.7	33,900	40.1	202.8	32,700	135
140	31.0	184.2	30,700	33.5	189.5	32,200	37.0	196.4	31,000	140
141	30.2	182.3	30,400	32.8	187.9	31,800	36.3	195.0	30,700	141
145	27.0	174.9	29,200	29.8	181.3	30,600	33.7	189.2	29,500	145
150	22.3	163.8	27,900	25.7	171.5	29,100	30.0	181.0	28,100	150
155	16.4	149.2	27,100	20.7	159.6	27,700	25.8	171.4	26,700	155
160	6.2	123.0	22,300	14.1	143.1	26,400	20.9	159.5	25,500	160
164				3.6	116.0	21,800	15.7	146.6	24,500	164
165							14.5	143.3	24,300	165
169							4.8	118.5	23,300	169
170										170
174										174
175										175
180										180
183										183
185										185
190										190
191										191
195										195
199										199

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



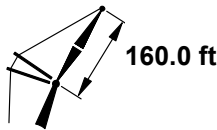
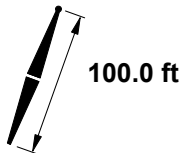
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
49													49
50													50
55													55
57													57
60													60
65													65
70													70
75													75
80													80
82	68.0	244.9	61,900										82
85	66.7	243.6	59,000										85
90	64.6	241.3	54,700										90
95	62.5	238.7	50,900										95
100	60.3	235.9	47,600										100
103	59.0	234.1	45,800	62.7	236.9	43,100							103
105	58.1	232.9	44,600	61.8	235.8	42,000							105
110	55.8	229.6	41,800	59.6	233.0	39,400							110
115	53.4	226.0	39,400	57.4	229.8	37,000							115
120	51.0	222.0	37,100	55.1	226.4	34,900							120
122	50.0	220.3	36,300	54.1	224.9	34,100	58.0	227.8	32,000				122
125	48.5	217.7	35,100	52.7	222.7	33,000	56.6	225.9	30,900				125
130	45.8	213.0	33,200	50.2	218.7	31,200	54.3	222.4	29,200				130
135	43.1	207.8	31,500	47.7	214.2	29,500	51.9	218.5	27,600				135
140	40.2	202.1	29,900	45.0	209.4	28,000	49.4	214.4	26,200				140
141	39.6	200.8	29,600	44.5	208.3	27,700	48.8	213.4	25,900	52.8	216.6	24,100	141
145	37.1	195.7	28,400	42.2	204.0	26,600	46.8	209.8	24,800	50.9	213.4	23,100	145
150	33.8	188.6	27,000	39.3	198.1	25,300	44.1	204.8	23,600	48.3	209.0	21,900	150
155	30.1	180.4	25,700	36.1	191.6	24,100	41.2	199.3	22,400	45.7	204.3	20,800	155
160	26.0	170.8	24,500	32.7	184.1	22,900	38.2	193.1	21,300	42.9	199.1	19,800	160
164	22.1	161.4	23,600	29.7	177.3	22,000	35.6	187.6	20,500	40.6	194.5	19,000	164
165	21.1	159.0	23,400	28.9	175.6	21,800	35.0	186.3	20,300	40.0	193.3	18,800	165
169	16.0	146.3	22,500	25.4	167.4	21,000	32.1	180.0	19,500	37.5	188.2	18,100	169
170	14.7	143.1	22,300	24.6	165.4	20,800	31.4	178.5	19,300	36.9	186.9	17,900	170
174	5.6	119.5	21,400	20.4	155.2	20,000	28.3	171.2	18,600	34.2	181.2	17,200	174
175				19.4	152.7	19,800	27.5	169.4	18,400	33.6	179.7	17,000	175
180				12.1	134.3	18,900	22.9	158.6	17,600	29.9	171.5	16,200	180
183				2.1	108.5	18,300	19.5	150.1	17,100	27.4	165.7	15,800	183
185							17.2	144.5	16,700	25.7	161.8	15,400	185
190							8.1	121.3	15,900	20.8	149.9	14,700	190
191							4.3	111.2	15,700	19.5	146.6	14,600	191
195										14.3	133.6	14,000	195
199										4.2	107.5	13,400	199

MLC250 S-2

ASME B30.5



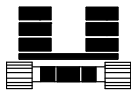
184,600 lb
+
44,000 lb



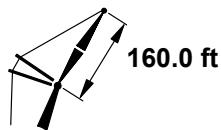
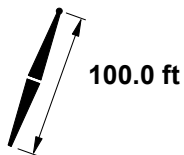
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
51	75.9	262.9	73,500						51	
55	74.4	261.8	72,500						55	
60	72.5	260.3	71,500	73.8	261.1	79,700			60	
65	70.6	258.6	70,600	72.0	259.5	75,300			65	
70	68.7	256.7	68,200	70.1	257.8	71,300			70	
73	67.6	255.4	66,100	68.9	256.6	69,100	70.9	257.9	73,200	73
75	66.8	254.6	64,700	68.1	255.8	67,600	70.1	257.2	71,400	75
80	64.8	252.3	61,400	66.2	253.6	64,100	68.2	255.3	65,600	80
85	62.8	249.8	58,300	64.2	251.3	60,800	66.3	253.1	60,600	85
86	62.4	249.2	57,800	63.8	250.8	60,200	65.9	252.6	59,700	86
90	60.8	247.0	55,500	62.2	248.7	57,800	64.3	250.8	56,200	90
95	58.7	244.1	52,900	60.1	245.9	54,100	62.3	248.2	52,300	95
100	56.6	240.8	50,400	58.0	242.9	50,500	60.2	245.4	48,800	100
105	54.4	237.3	47,400	55.9	239.5	47,300	58.1	242.4	45,700	105
107	53.5	235.8	46,200	55.0	238.1	46,200	57.3	241.0	44,600	107
110	52.1	233.5	44,300	53.7	236.0	44,400	56.0	239.1	42,900	110
115	49.8	229.4	41,500	51.4	232.1	41,800	53.8	235.5	40,400	115
120	47.4	224.9	38,900	49.1	227.8	39,500	51.5	231.6	38,100	120
125	44.9	220.1	36,500	46.7	223.2	37,300	49.2	227.4	36,000	125
128	43.3	216.8	35,200	45.1	220.2	36,100	47.7	224.6	34,800	128
130	42.3	214.7	34,300	44.1	218.2	35,300	46.8	222.8	34,000	130
135	39.5	208.8	32,300	41.5	212.7	33,500	44.2	217.8	32,300	135
140	36.6	202.4	30,500	38.6	206.7	31,800	41.6	212.3	30,600	140
145	33.4	195.1	28,900	35.6	200.0	30,200	38.8	206.3	29,100	145
147	32.0	191.8	28,300	34.3	197.0	29,600	37.6	203.6	28,500	147
150	30.0	186.8	27,500	32.4	192.4	28,800	35.8	199.6	27,700	150
155	26.1	177.3	26,200	28.8	183.8	27,400	32.5	192.1	26,400	155
160	21.6	165.7	25,200	24.8	173.7	26,100	29.0	183.6	25,100	160
165	15.9	150.5	24,200	20.0	161.3	24,900	25.0	173.6	23,900	165
170	6.0	123.5	19,600	13.7	144.3	23,700	20.2	161.3	22,800	170
174				3.5	116.3	19,200	15.2	147.9	22,000	174
175							14.0	144.5	21,800	175
179							4.6	118.8	20,900	179
180										180
184										184
185										185
190										190
193										193
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200										200
201										201
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ASME B30.5



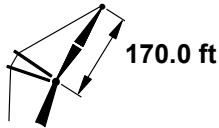
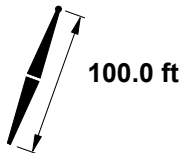
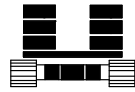
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
51													51
55													55
60													60
65													65
70													70
73													73
75													75
80													80
85													85
86	67.9	254.0	57,600										86
90	66.3	252.3	54,200										90
95	64.4	250.0	50,500										95
100	62.3	247.4	47,100										100
105	60.3	244.6	44,100										105
107	59.5	243.4	43,000	62.9	246.1	40,400							107
110	58.2	241.6	41,400	61.7	244.5	38,900							110
115	56.1	238.3	38,900	59.7	241.6	36,500							115
120	53.9	234.7	36,700	57.6	238.5	34,400							120
125	51.6	230.8	34,700	55.4	235.1	32,500							125
128	50.2	228.3	33,500	54.1	232.9	31,400	57.7	235.9	29,300				128
130	49.3	226.6	32,800	53.2	231.5	30,700	56.8	234.6	28,600				130
135	46.8	222.1	31,100	50.9	227.5	29,100	54.6	231.1	27,100				135
140	44.3	217.1	29,500	48.5	223.2	27,500	52.4	227.3	25,600				140
145	41.7	211.6	28,000	46.1	218.5	26,100	50.1	223.3	24,300				145
147	40.5	209.2	27,400	45.0	216.5	25,600	49.1	221.5	23,800	52.8	224.6	22,100	147
150	38.9	205.6	26,600	43.5	213.4	24,800	47.7	218.8	23,100	51.5	222.2	21,400	150
155	35.9	199.0	25,300	40.8	207.8	23,600	45.2	214.0	21,900	49.1	218.0	20,300	155
160	32.7	191.5	24,100	38.0	201.6	22,500	42.6	208.7	20,800	46.7	213.4	19,200	160
165	29.1	183.0	23,000	34.9	194.7	21,400	39.8	202.9	19,800	44.2	208.4	18,300	165
170	25.1	173.0	21,900	31.6	186.9	20,400	36.9	196.5	18,900	41.5	202.9	17,400	170
174	21.3	163.3	21,100	28.7	179.8	19,600	34.4	190.7	18,100	39.3	198.1	16,700	174
175	20.4	160.8	20,900	28.0	178.0	19,400	33.8	189.3	18,000	38.7	196.9	16,500	175
179	15.4	147.6	20,100	24.6	169.6	18,700	31.1	182.8	17,300	36.3	191.5	15,900	179
180	14.2	144.3	19,900	23.8	167.5	18,500	30.4	181.2	17,100	35.7	190.2	15,700	180
184	5.4	120.0	19,100	19.7	157.0	17,800	27.3	173.7	16,500	33.1	184.1	15,100	184
185				18.7	154.3	17,700	26.6	171.8	16,300	32.5	182.6	15,000	185
190				11.7	135.3	16,800	22.2	160.5	15,500	28.9	174.1	14,200	190
193				2.0	108.6	16,200	18.8	151.7	15,100	26.5	168.0	13,800	193
195							16.6	145.9	14,800	24.9	164.0	13,500	195
200							7.8	121.9	14,000	20.1	151.6	12,900	200
201							4.1	111.5	13,900	18.8	148.3	12,800	201
205										13.8	134.7	12,200	205
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MLC250 S-2

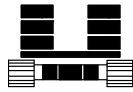
ASME B30.5



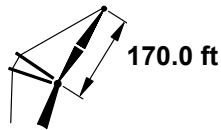
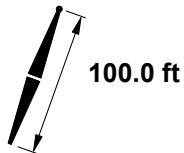
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
54	75.7	272.5	66,000						54	
55	75.3	272.2	66,000						55	
60	73.6	270.8	65,100						60	
63	72.5	269.8	64,600	73.8	270.6	74,600			63	
65	71.8	269.2	64,300	73.1	270.0	73,100			65	
70	70.0	267.4	63,500	71.3	268.4	69,400			70	
75	68.2	265.4	62,700	69.5	266.6	65,900			75	
76	67.9	265.0	62,200	69.1	266.1	65,200	71.0	267.5	68,900	76
80	66.4	263.3	60,000	67.7	264.5	62,600	69.6	266.0	65,200	80
85	64.5	261.0	57,000	65.8	262.4	59,500	67.7	264.0	60,200	85
90	62.7	258.4	54,300	64.0	260.0	56,600	65.9	261.8	55,800	90
95	60.7	255.7	51,800	62.1	257.4	53,700	64.0	259.4	51,900	95
100	58.8	252.7	49,400	60.1	254.6	50,200	62.1	256.9	48,400	100
105	56.8	249.5	46,600	58.2	251.5	47,000	60.2	254.1	45,400	105
110	54.7	246.1	43,700	56.1	248.2	44,100	58.2	251.0	42,600	110
112	53.9	244.6	42,700	55.3	246.8	43,100	57.4	249.7	41,600	112
115	52.6	242.3	41,100	54.1	244.7	41,500	56.2	247.8	40,000	115
120	50.4	238.3	38,600	52.0	240.9	39,100	54.2	244.2	37,700	120
125	48.2	233.9	36,300	49.8	236.7	37,000	52.0	240.4	35,600	125
130	45.9	229.2	34,200	47.5	232.3	35,000	49.9	236.3	33,700	130
133	44.4	226.1	33,000	46.1	229.4	33,900	48.5	233.6	32,600	133
135	43.5	224.1	32,200	45.2	227.4	33,200	47.6	231.8	31,900	135
140	40.9	218.5	30,400	42.7	222.2	31,500	45.3	227.0	30,300	140
145	38.3	212.3	28,700	40.2	216.4	29,900	42.8	221.8	28,800	145
150	35.4	205.6	27,300	37.4	210.1	28,500	40.3	216.0	27,400	150
153	33.6	201.0	26,500	35.7	205.9	27,600	38.6	212.2	26,600	153
155	32.4	198.0	25,900	34.5	203.1	27,100	37.5	209.7	26,000	155
160	29.0	189.4	24,700	31.4	195.3	25,800	34.7	202.8	24,800	160
165	25.3	179.5	23,700	28.0	186.3	24,600	31.5	195.0	23,600	165
170	20.9	167.5	22,900	24.0	175.9	23,500	28.1	186.1	22,500	170
175	15.4	151.9	21,400	19.4	163.0	22,400	24.2	175.7	21,500	175
180	5.8	123.9	17,200	13.2	145.5	21,000	19.6	163.0	20,500	180
184				3.4	116.5	16,900	14.8	149.2	19,800	184
185							13.5	145.7	19,600	185
189							4.5	119.2	18,600	189
190										190
194										194
195										195
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219										219

MLC250 S-2

ASME B30.5



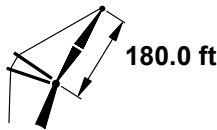
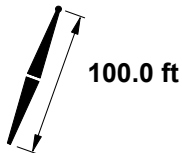
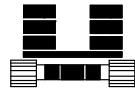
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
54													54
55													55
60													60
63													63
65													65
70													70
75													75
76													76
80													80
85													85
90													90
95	67.8	263.2	53,900										95
100	64.1	258.6	46,700										100
105	62.2	256.1	43,700										105
110	60.3	253.3	41,000										110
112	59.5	252.1	40,000	62.8	254.8	37,500							112
115	58.3	250.2	38,600	61.6	253.1	36,100							115
120	56.3	247.0	36,300	59.7	250.3	34,000							120
125	54.2	243.5	34,300	57.7	247.2	32,100							125
130	52.1	239.7	32,400	55.7	243.9	30,300							130
133	50.8	237.2	31,400	54.4	241.7	29,300	57.8	244.6	27,300				133
135	49.9	235.5	30,700	53.6	240.2	28,700	57.0	243.2	26,700				135
140	47.7	231.1	29,100	51.5	236.4	27,200	55.0	239.8	25,200				140
145	45.3	226.3	27,600	49.3	232.1	25,800	52.9	236.1	23,900				145
150	42.9	221.0	26,300	47.0	227.6	24,500	50.7	232.1	22,700				150
153	41.4	217.6	25,500	45.5	224.6	23,700	49.4	229.5	22,000	52.9	232.6	20,300	153
155	40.3	215.3	25,000	44.6	222.7	23,200	48.5	227.8	21,500	52.0	231.0	19,900	155
160	37.6	209.1	23,800	42.1	217.3	22,100	46.2	223.1	20,500	49.8	226.9	18,900	160
165	34.8	202.1	22,700	39.5	211.4	21,000	43.8	218.0	19,400	47.6	222.4	17,900	165
170	31.6	194.3	21,600	36.8	204.9	20,000	41.2	212.5	18,500	45.2	217.6	17,000	170
175	28.2	185.5	20,600	33.8	197.8	19,100	38.6	206.4	17,600	42.8	212.3	16,200	175
180	24.3	175.2	19,700	30.6	189.7	18,200	35.8	199.7	16,800	40.2	206.6	15,400	180
184	20.7	165.1	18,900	27.8	182.3	17,500	33.3	193.7	16,100	38.0	201.5	14,800	184
185	19.8	162.6	18,800	27.1	180.4	17,400	32.7	192.3	16,000	37.5	200.3	14,600	185
189	15.0	148.9	18,100	23.8	171.7	16,700	30.1	185.5	15,400	35.2	194.7	14,000	189
190	13.8	145.5	17,900	23.0	169.5	16,500	29.4	183.8	15,200	34.6	193.3	13,900	190
194	5.2	120.4	17,200	19.1	158.6	15,900	26.5	176.0	14,600	32.1	187.0	13,300	194
195				18.2	155.9	15,800	25.8	174.1	14,500	31.5	185.5	13,200	195
200				11.3	136.3	15,000	21.5	162.4	13,800	28.0	176.6	12,600	200
203				2.0	108.7	14,500	18.3	153.3	13,400	25.7	170.3	12,200	203
205							16.1	147.3	13,100	24.1	166.1	11,900	205
210							7.6	122.5	12,400	19.5	153.3	11,300	210
211							4.0	111.8	12,300	17.7	148.3	11,200	211
219										3.9	108.1	10,200	219

MLC250 S-2

ASME B30.5



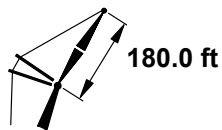
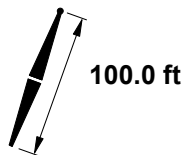
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
56	75.9	282.3	59,400							56
60	74.5	281.2	59,000							60
65	72.9	279.7	58,700	74.0	280.5	67,100				65
70	71.2	278.0	57,900	72.4	278.9	66,800				70
75	69.5	276.2	57,200	70.7	277.2	63,800				75
80	67.8	274.2	56,500	69.0	275.3	60,700	70.7	276.7	64,200	80
85	66.1	272.0	55,500	67.3	273.3	57,800	69.1	274.8	59,800	85
90	64.3	269.7	52,900	65.5	271.1	55,100	67.3	272.8	55,400	90
94	62.9	267.6	50,900	64.1	269.1	53,100	65.9	271.0	52,200	94
95	62.5	267.1	50,400	63.8	268.6	52,600	65.6	270.5	51,500	95
100	60.7	264.4	48,200	62.0	266.0	49,800	63.8	268.1	48,000	100
105	58.8	261.4	45,500	60.1	263.2	46,600	62.0	265.5	44,900	105
110	57.0	258.2	42,900	58.3	260.2	43,700	60.2	262.7	42,100	110
115	55.0	254.8	40,400	56.4	256.9	41,100	58.3	259.7	39,600	115
116	54.6	254.0	40,000	56.0	256.2	40,600	58.0	259.1	39,100	116
120	53.0	251.1	38,100	54.4	253.4	38,700	56.4	256.5	37,300	120
125	51.0	247.1	35,900	52.4	249.7	36,600	54.5	253.0	35,200	125
130	48.9	242.9	33,900	50.4	245.6	34,600	52.5	249.2	33,300	130
135	46.8	238.3	32,000	48.3	241.3	32,800	50.5	245.2	31,500	135
138	45.4	235.3	30,900	47.0	238.4	31,800	49.2	242.6	30,500	138
140	44.5	233.3	30,200	46.1	236.6	31,100	48.4	240.8	29,900	140
145	42.2	227.9	28,600	43.8	231.5	29,500	46.2	236.1	28,400	145
150	39.7	222.1	27,100	41.5	226.0	28,100	43.9	231.1	26,900	150
155	37.1	215.7	25,700	39.0	220.0	26,700	41.5	225.6	25,600	155
159	34.9	210.1	24,800	36.9	214.7	25,700	39.6	220.8	24,600	159
160	34.4	208.7	24,500	36.3	213.4	25,400	39.1	219.6	24,400	160
165	31.4	200.8	23,400	33.5	206.1	24,200	36.4	213.0	23,200	165
170	28.2	191.9	22,400	30.5	198.0	23,100	33.6	205.8	22,200	170
175	24.6	181.7	21,600	27.1	188.7	22,100	30.6	197.7	21,100	175
180	20.3	169.3	20,500	23.3	177.9	21,100	27.3	188.5	20,200	180
185	14.9	153.2	18,800	18.8	164.7	20,100	23.5	177.8	19,200	185
190	5.6	124.4	14,900	12.9	146.6	18,400	19.0	164.6	18,400	190
194				3.3	116.8	14,600	14.3	150.4	17,700	194
195							13.1	146.8	17,500	195
199							4.4	119.5	16,200	199
200										200
204										204
205										205
210										210
213										213
215										215
220										220
221										221
229										229

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



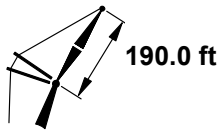
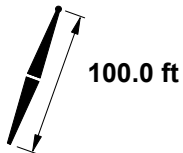
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
56													56
60													60
65													65
70													70
75													75
80													80
85													85
90													90
94	67.7	272.4	50,300										94
95	67.4	271.9	49,600										95
100	65.6	269.7	46,200										100
105	63.9	267.3	43,200										105
110	62.1	264.7	40,500										110
115	60.3	261.9	38,100										115
116	59.9	261.3	37,700	63.0	264.0	35,200							116
120	58.4	258.9	35,900	61.5	261.8	33,500							120
125	56.5	255.7	33,800	59.7	258.9	31,600							125
130	54.6	252.2	32,000	57.8	255.9	29,800							130
135	52.6	248.4	30,300	55.9	252.6	28,200							135
138	51.3	246.0	29,300	54.7	250.4	27,300	57.9	253.2	25,300				138
140	50.5	244.4	28,700	54.0	249.0	26,700	57.2	251.9	24,700				140
145	48.4	240.1	27,200	52.0	245.2	25,300	55.2	248.5	23,400				145
150	46.2	235.4	25,800	49.9	241.0	24,000	53.3	244.9	22,200				150
155	44.0	230.3	24,500	47.8	236.6	22,800	51.3	240.9	21,000				155
159	42.1	226.0	23,600	46.0	232.8	21,900	49.6	237.6	20,200	52.9	240.6	18,500	159
160	41.6	224.9	23,400	45.6	231.8	21,600	49.2	236.7	19,900	52.5	239.8	18,300	160
165	39.1	218.9	22,200	43.3	226.6	20,600	47.0	232.2	18,900	50.4	235.8	17,400	165
170	36.5	212.4	21,200	40.9	221.0	19,600	44.8	227.3	18,000	48.3	231.4	16,500	170
175	33.7	205.1	20,200	38.4	214.9	18,600	42.5	221.9	17,100	46.1	226.7	15,600	175
180	30.7	197.1	19,300	35.7	208.2	17,800	40.0	216.1	16,300	43.9	221.6	14,800	180
185	27.4	187.9	18,400	32.8	200.7	16,900	37.5	209.8	15,500	41.5	216.1	14,100	185
190	23.6	177.3	17,500	29.7	192.3	16,100	34.7	202.9	14,700	39.0	210.1	13,400	190
194	20.1	166.8	16,900	27.0	184.7	15,500	32.4	196.7	14,200	36.9	204.9	12,800	194
195	19.2	164.2	16,700	26.3	182.8	15,400	31.8	195.1	14,000	36.4	203.6	12,700	195
199	14.5	150.2	16,100	23.2	173.8	14,800	29.2	188.1	13,500	34.1	197.8	12,200	199
200	13.4	146.6	15,900	22.4	171.5	14,600	28.6	186.4	13,300	33.6	196.3	12,100	200
204	5.0	120.8	15,300	18.6	160.3	14,100	25.7	178.3	12,800	31.1	189.8	11,600	204
205				17.6	157.5	13,900	25.0	176.3	12,700	30.5	188.2	11,500	205
210				11.0	137.2	13,300	20.8	164.2	12,100	27.2	179.0	10,900	210
213				1.9	108.8	12,800	17.7	154.9	11,700	24.9	172.5	10,500	213
215							15.6	148.7	11,500	23.4	168.2	10,300	215
220							7.4	123.2	10,800	18.9	155.0	9,800	220
221							3.8	112.1	10,700	17.2	149.8	9,600	221
229										3.8	108.4	8,800	229

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



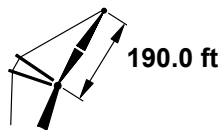
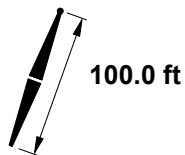
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
58	76.0	292.1	53,200							58
60	75.4	291.6	53,000							60
65	73.8	290.1	52,600							65
68	72.9	289.2	52,300	74.0	290.0	59,000				68
70	72.2	288.6	52,100	73.3	289.4	59,000				70
75	70.6	286.9	51,700	71.7	287.8	59,000				75
80	69.0	285.0	51,200	70.1	286.0	58,800				80
83	68.0	283.7	50,900	69.2	284.9	57,200	70.8	286.2	57,100	83
85	67.4	282.9	50,700	68.5	284.1	56,100	70.2	285.5	57,000	85
90	65.7	280.7	50,100	66.9	282.0	53,500	68.6	283.6	55,100	90
95	64.1	278.3	49,100	65.2	279.8	51,100	67.0	281.5	51,200	95
97	63.4	277.3	48,200	64.6	278.8	50,200	66.3	280.6	49,900	97
100	62.4	275.8	46,900	63.6	277.3	48,800	65.3	279.2	47,800	100
105	60.7	273.0	44,600	61.9	274.7	46,400	63.6	276.8	44,700	105
110	58.9	270.1	42,200	60.1	271.9	43,500	61.9	274.2	41,900	110
115	57.1	266.9	40,000	58.4	268.9	40,900	60.2	271.4	39,400	115
120	55.3	263.5	37,800	56.6	265.6	38,500	58.4	268.4	37,100	120
121	54.9	262.8	37,400	56.2	264.9	38,100	58.1	267.7	36,700	121
125	53.4	259.9	35,700	54.7	262.2	36,400	56.6	265.1	35,000	125
130	51.5	256.0	33,800	52.9	258.4	34,400	54.8	261.7	33,100	130
135	49.6	251.8	32,000	50.9	254.5	32,600	52.9	258.0	31,300	135
140	47.5	247.3	30,300	48.9	250.2	30,900	51.0	254.0	29,700	140
143	46.3	244.4	29,300	47.7	247.4	29,900	49.8	251.5	28,800	143
145	45.4	242.5	28,700	46.9	245.6	29,300	49.0	249.8	28,100	145
150	43.3	237.3	27,200	44.8	240.7	27,900	47.0	245.2	26,700	150
155	41.0	231.7	25,800	42.6	235.4	26,500	44.9	240.3	25,400	155
160	38.6	225.6	24,600	40.3	229.6	25,200	42.7	235.0	24,200	160
165	36.1	219.0	23,400	37.9	223.4	24,100	40.4	229.3	23,000	165
170	33.4	211.7	22,400	35.3	216.6	22,900	38.0	223.0	22,000	170
175	30.6	203.5	21,400	32.6	209.0	21,900	35.4	216.2	20,900	175
180	27.4	194.4	20,300	29.6	200.6	20,900	32.7	208.7	20,000	180
185	23.9	183.8	19,300	26.4	191.1	20,000	29.8	200.4	19,100	185
190	19.8	171.0	18,300	22.7	179.9	19,000	26.5	190.9	18,200	190
195	14.5	154.4	16,700	18.3	166.3	18,000	22.9	179.8	17,400	195
200	5.5	124.8	13,200	12.5	147.6	16,400	18.5	166.3	16,600	200
204				3.2	117.0	12,900	12.2	145.6	15,600	204
209							4.2	119.9	14,400	209
210										210
214										214
220										220
223										223
230										230
231										231
239										239

MLC250 S-2

ASME B30.5



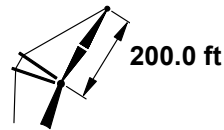
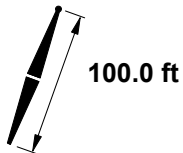
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
58													58
60													60
65													65
68													68
70													70
75													75
80													80
83													83
85													85
90													90
95													95
97	68.0	281.9	48,000										97
100	67.0	280.7	46,000										100
105	65.4	278.4	43,000										105
110	63.7	276.0	40,300										110
115	62.0	273.4	37,900										115
120	60.2	270.6	35,600										120
121	59.9	270.0	35,200	62.8	272.6	32,900							121
125	58.5	267.6	33,600	61.5	270.5	31,400							125
130	56.7	264.4	31,800	59.7	267.6	29,600							130
135	54.9	260.9	30,000	57.9	264.5	28,000							135
140	53.0	257.2	28,400	56.1	261.2	26,400							140
143	51.8	254.8	27,600	55.0	259.1	25,600	58.0	261.9	23,700				143
145	51.1	253.2	27,000	54.3	257.7	25,100	57.3	260.6	23,200				145
150	49.1	249.0	25,600	52.4	253.9	23,800	55.5	257.2	21,900				150
155	47.0	244.5	24,300	50.5	249.9	22,600	53.6	253.6	20,800				155
160	44.9	239.6	23,100	48.5	245.6	21,400	51.7	249.8	19,700				160
165	42.7	234.3	22,000	46.4	240.9	20,400	49.8	245.6	18,700	52.9	248.6	17,100	165
170	40.5	228.6	21,000	44.3	235.9	19,400	47.8	241.2	17,800	51.0	244.6	16,200	170
175	38.1	222.4	20,000	42.1	230.5	18,400	45.7	236.4	16,900	49.0	240.4	15,400	175
180	35.5	215.6	19,100	39.7	224.7	17,600	43.5	231.3	16,100	46.9	235.8	14,600	180
185	32.8	208.1	18,200	37.3	218.3	16,700	41.3	225.7	15,300	44.8	230.9	13,900	185
190	29.9	199.8	17,400	34.7	211.3	15,900	38.9	219.7	14,500	42.6	225.6	13,200	190
195	26.6	190.3	16,600	31.9	203.6	15,200	36.4	213.1	13,800	40.3	219.8	12,500	195
200	23.0	179.3	15,800	28.9	194.9	14,500	33.8	205.9	13,200	37.9	213.6	11,900	200
204	19.0	166.7	15,200	26.1	186.3	13,900	31.4	199.1	12,600	35.8	207.8	11,400	204
209	14.0	150.9	14,500	22.5	175.6	13,300	28.4	190.5	12,000	33.2	200.7	10,800	209
210	13.0	147.8	14,400	21.8	173.4	13,100	27.8	188.8	11,900	32.6	199.2	10,700	210
214	4.9	121.2	13,800	17.3	159.3	12,600	24.8	179.7	11,400	30.2	192.1	10,200	214
220				10.7	138.2	11,900	20.3	166.0	10,700	26.4	181.3	9,600	220
223				1.8	109.0	11,500	16.3	153.3	10,400	24.0	173.9	9,300	223
230							7.2	123.8	9,600	18.4	156.6	8,600	230
231							3.7	112.4	9,500	16.8	151.3	8,500	231
239										3.6	108.6	7,700	239

MLC250 S-2

ASME B30.5



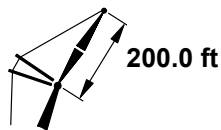
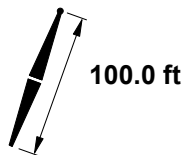
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
61	75.8	301.6	48,000						61	
65	74.6	300.6	47,600						65	
70	73.1	299.1	47,100						70	
71	72.8	298.7	47,100	73.9	299.6	53,900			71	
75	71.6	297.4	46,700	72.7	298.3	53,600			75	
80	70.1	295.7	46,200	71.2	296.7	53,100			80	
85	68.6	293.8	45,800	69.6	294.8	52,700			85	
86	68.3	293.3	45,700	69.3	294.4	52,500	70.9	295.8	51,300	86
90	67.0	291.7	45,400	68.1	292.9	51,900	69.7	294.3	51,000	90
95	65.5	289.4	45,000	66.6	290.8	49,600	68.2	292.3	50,800	95
100	63.9	287.0	44,600	65.0	288.5	47,500	66.6	290.2	47,300	100
101	63.5	286.5	44,200	64.7	288.0	47,000	66.3	289.8	46,700	101
105	62.3	284.4	42,900	63.4	286.0	45,400	65.0	287.9	44,300	105
110	60.6	281.7	40,900	61.8	283.4	43,100	63.4	285.5	41,500	110
115	59.0	278.7	38,900	60.1	280.5	40,500	61.8	282.9	38,900	115
120	57.3	275.6	36,900	58.4	277.5	38,100	60.2	280.0	36,700	120
125	55.5	272.2	35,100	56.7	274.3	36,000	58.5	277.0	34,600	125
130	53.8	268.6	33,200	55.0	270.9	34,000	56.8	273.8	32,600	130
135	52.0	264.8	31,600	53.2	267.2	32,200	55.1	270.4	30,900	135
140	50.1	260.7	29,900	51.4	263.3	30,500	53.3	266.7	29,200	140
145	48.2	256.3	28,400	49.5	259.1	28,900	51.5	262.8	27,700	145
149	46.6	252.5	27,300	48.0	255.5	27,800	50.0	259.5	26,600	149
150	46.2	251.6	27,000	47.6	254.6	27,500	49.6	258.7	26,300	150
155	44.2	246.6	25,600	45.6	249.9	26,100	47.7	254.2	25,000	155
160	42.1	241.2	24,400	43.6	244.7	24,900	45.7	249.4	23,800	160
165	39.9	235.3	23,200	41.4	239.2	23,700	43.7	244.3	22,600	165
170	37.6	229.0	22,100	39.2	233.2	22,600	41.5	238.8	21,600	170
171	37.1	227.7	21,800	38.7	231.9	22,400	41.1	237.6	21,400	171
175	35.2	222.2	20,900	36.9	226.7	21,500	39.3	232.9	20,500	175
180	32.6	214.6	19,800	34.4	219.7	20,500	37.0	226.4	19,600	180
185	29.8	206.2	18,800	31.7	211.9	19,500	34.5	219.4	18,700	185
190	26.7	196.7	17,800	28.9	203.2	18,400	31.8	211.6	17,800	190
195	23.3	185.8	16,900	25.7	193.3	17,500	29.0	202.9	17,000	195
200	19.2	172.7	16,000	22.1	181.9	16,600	25.8	193.1	16,200	200
210	5.3	125.3	11,200	12.2	148.7	14,200	18.0	167.8	14,800	210
214				3.1	117.3	11,000	11.8	146.7	13,700	214
219							4.1	120.2	12,400	219
220										220
224										224
230										230
233										233
240										240
241										241
249										249

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



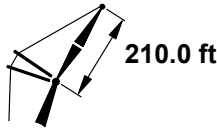
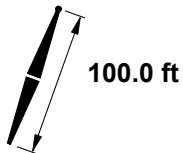
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
61													61
65													65
70													70
71													71
75													75
80													80
85													85
86													86
90													90
95													95
100													100
101	67.9	291.1	44,900										101
105	66.7	289.4	42,600										105
110	65.1	287.1	39,900										110
115	63.5	284.7	37,400										115
120	61.9	282.1	35,200										120
125	60.2	279.2	33,200	63.0	281.8	30,800							125
130	58.6	276.2	31,300	61.4	279.1	29,100							130
135	56.9	273.0	29,600	59.7	276.3	27,500							135
140	55.1	269.6	28,000	58.1	273.2	26,000							140
145	53.4	266.0	26,500	56.3	269.9	24,600							145
149	51.9	262.8	25,400	54.9	267.1	23,500	57.8	269.9	21,700				149
150	51.5	262.1	25,200	54.6	266.4	23,300	57.5	269.3	21,400				150
155	49.7	257.9	23,900	52.8	262.7	22,100	55.7	265.9	20,300				155
160	47.8	253.5	22,700	51.0	258.8	20,900	54.0	262.4	19,200				160
165	45.8	248.7	21,600	49.1	254.5	19,900	52.2	258.6	18,200				165
170	43.7	243.6	20,600	47.2	250.0	18,900	50.3	254.5	17,300				170
171	43.3	242.5	20,400	46.8	249.0	18,700	49.9	253.6	17,100	52.9	256.6	15,500	171
175	41.6	238.1	19,600	45.2	245.1	18,000	48.4	250.1	16,400	51.4	253.4	14,900	175
180	39.4	232.2	18,600	43.1	239.9	17,100	46.5	245.5	15,600	49.6	249.3	14,100	180
185	37.0	225.7	17,800	40.9	234.3	16,300	44.5	240.5	14,800	47.6	244.8	13,400	185
190	34.6	218.7	16,900	38.7	228.2	15,500	42.4	235.2	14,100	45.7	240.0	12,700	190
195	31.9	211.0	16,200	36.3	221.6	14,700	40.2	229.4	13,300	43.6	234.9	12,000	195
200	29.1	202.3	15,400	33.8	214.3	14,000	37.9	223.1	12,700	41.5	229.4	11,400	200
210	22.4	181.3	14,000	28.2	197.4	12,700	32.9	208.8	11,400	36.9	216.9	10,200	210
214	18.5	168.3	13,500	25.4	188.6	12,200	30.6	201.8	11,000	34.9	211.0	9,800	214
219	13.6	152.1	12,800	21.9	177.5	11,600	27.7	193.0	10,400	32.3	203.6	9,200	219
220	12.7	148.9	12,700	21.2	175.3	11,500	27.1	191.2	10,300	31.8	202.1	9,100	220
224	4.8	121.6	12,200	16.9	160.8	11,000	24.1	181.8	9,900	29.4	194.7	8,700	224
230				10.4	139.0	10,400	19.7	167.7	9,300	25.8	183.6	8,100	230
233				1.8	109.1	10,000	15.9	154.7	8,900	23.4	176.0	7,800	233
240							7.0	124.3	8,200	17.9	158.2	7,000	240
241							3.6	112.7	8,100	16.3	152.7	6,900	241
249										3.5	108.9	6,100	249

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



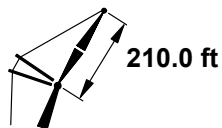
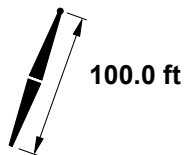
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
63	75.9	311.4	43,400						63	
65	75.4	310.9	43,200						65	
70	74.0	309.5	42,800						70	
74	72.8	308.3	42,400	73.8	309.1	48,600			74	
75	72.5	308.0	42,300	73.5	308.8	48,500			75	
80	71.1	306.3	41,900	72.1	307.2	48,100			80	
85	69.6	304.5	41,500	70.7	305.5	47,600			85	
89	68.5	302.9	41,100	69.5	304.0	47,300	71.0	305.3	46,100	
90	68.2	302.5	41,000	69.2	303.6	47,200	70.7	305.0	46,000	
95	66.7	300.4	40,600	67.7	301.6	46,700	69.3	303.1	45,700	
100	65.2	298.1	40,200	66.2	299.5	46,200	67.8	301.1	45,400	
105	63.7	295.7	39,800	64.7	297.2	44,200	66.3	298.9	43,900	
110	62.2	293.1	39,300	63.2	294.7	42,400	64.8	296.6	41,100	
115	60.6	290.3	37,600	61.7	292.0	40,100	63.3	294.2	38,600	
120	59.0	287.4	35,800	60.1	289.2	37,800	61.7	291.5	36,300	
125	57.4	284.2	34,200	58.5	286.2	35,600	60.2	288.7	34,200	
130	55.8	280.9	32,500	56.9	283.0	33,600	58.6	285.7	32,300	
135	54.1	277.3	31,000	55.2	279.6	31,800	57.0	282.5	30,500	
140	52.4	273.6	29,500	53.6	276.0	30,100	55.3	279.1	28,900	
145	50.6	269.5	28,000	51.8	272.1	28,600	53.6	275.5	27,400	
150	48.8	265.2	26,700	50.1	268.0	27,100	51.9	271.6	26,000	
154	47.3	261.6	25,700	48.6	264.5	26,000	50.5	268.4	24,900	
155	47.0	260.7	25,400	48.3	263.6	25,800	50.1	267.5	24,700	
160	45.1	255.8	24,200	46.4	258.9	24,500	48.3	263.2	23,400	
165	43.1	250.5	22,800	44.5	254.0	23,300	46.5	258.5	22,300	
170	41.0	244.9	21,600	42.5	248.6	22,200	44.5	253.5	21,200	
175	38.9	238.9	20,400	40.4	242.9	21,200	42.6	248.2	20,200	
177	38.0	236.3	20,000	39.5	240.4	20,700	41.7	245.9	19,800	
180	36.7	232.4	19,300	38.2	236.7	20,100	40.5	242.5	19,200	
185	34.3	225.2	18,300	35.9	230.0	19,000	38.3	236.3	18,300	
190	31.8	217.4	17,300	33.5	222.7	18,000	36.0	229.7	17,500	
195	29.0	208.8	16,400	30.9	214.7	17,000	33.6	222.4	16,700	
200	26.0	199.1	15,500	28.1	205.7	16,100	31.1	214.4	15,900	
210	18.8	174.4	13,900	21.6	183.8	14,500	25.2	195.4	14,500	
220	5.2	125.7	9,500	11.9	149.7	12,300	17.6	169.4	13,200	
224				3.0	117.5	9,300	11.5	147.7	12,000	
229							4.0	120.5	10,600	
230									230	
234									234	
240									240	
243									243	
250									250	
251									251	
255									255	

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



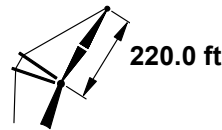
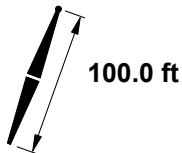
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
63													63
65													65
70													70
74													74
75													75
80													80
85													85
89													89
90													90
95													95
100													100
105	67.8	300.3	42,200										105
110	66.4	298.1	39,500										110
115	64.9	295.8	37,000										115
120	63.3	293.4	34,800										120
125	61.8	290.7	32,800										125
130	60.2	287.9	30,900	62.9	290.5	28,700							130
135	58.6	284.9	29,200	61.3	287.8	27,100							135
140	57.0	281.7	27,600	59.7	284.9	25,600							140
145	55.4	278.3	26,200	58.1	281.9	24,200							145
150	53.7	274.7	24,800	56.5	278.6	22,900							150
154	52.3	271.6	23,800	55.2	275.9	21,900	57.9	278.6	20,100				154
155	52.0	270.9	23,500	54.9	275.2	21,700	57.6	278.0	19,900				155
160	50.2	266.8	22,300	53.2	271.5	20,600	55.9	274.6	18,800				160
165	48.4	262.4	21,200	51.4	267.6	19,500	54.3	271.1	17,800				165
170	46.5	257.8	20,200	49.7	263.4	18,500	52.6	267.3	16,900				170
175	44.6	252.8	19,200	47.8	259.0	17,600	50.8	263.3	16,000				175
177	43.8	250.7	18,800	47.1	257.1	17,200	50.1	261.6	15,700	52.9	264.6	14,200	177
180	42.6	247.5	18,300	46.0	254.2	16,700	49.0	259.1	15,200	51.9	262.2	13,700	180
185	40.5	241.8	17,400	44.0	249.2	15,900	47.2	254.5	14,400	50.1	258.1	13,000	185
190	38.4	235.7	16,600	42.0	243.7	15,100	45.3	249.7	13,700	48.3	253.8	12,300	190
195	36.1	229.0	15,800	39.9	237.9	14,400	43.3	244.5	13,000	46.4	249.1	11,600	195
200	33.7	221.7	15,100	37.7	231.6	13,700	41.3	238.9	12,300	44.5	244.1	11,000	200
210	28.4	204.9	13,700	32.9	217.3	12,400	36.9	226.5	11,100	40.4	233.1	9,800	210
220	21.8	183.2	12,400	27.5	199.9	11,200	32.1	211.7	9,900	36.0	220.2	8,600	220
224	18.0	169.9	11,900	24.7	190.8	10,700	29.8	204.5	9,500	34.0	214.1	8,200	224
229	13.3	153.2	11,300	21.3	179.4	10,200	27.0	195.4	9,000	31.5	206.4	7,600	229
230	12.4	149.9	11,200	20.7	177.1	10,100	26.4	193.6	8,900	31.0	204.9	7,500	230
234	4.6	121.9	10,700	16.5	162.2	9,700	23.5	183.9	8,500	28.6	197.2	7,100	234
240				10.1	139.9	9,000	19.3	169.4	8,000	25.1	185.8	6,500	240
243				1.7	109.2	8,700	15.5	156.0	7,600	22.8	178.0	6,200	243
250							6.8	124.9	6,900	17.5	159.7	5,600	250
251							3.5	113.0	6,800	16.4	155.8	5,500	251
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ASME B30.5



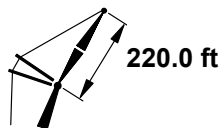
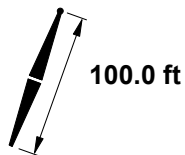
184,600 lb
+
44,000 lb



	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
66	75.8	321.0	39,200							66
70	74.7	319.9	38,800							70
75	73.4	318.5	38,400							75
76	73.1	318.1	38,300	74.0	318.9	43,900				76
80	72.0	316.9	38,000	72.9	317.7	43,500				80
85	70.6	315.1	37,500	71.6	316.1	43,100				85
90	69.2	313.3	37,100	70.2	314.3	42,600				90
93	68.4	312.1	36,900	69.4	313.2	42,400	70.8	314.5	41,400	93
95	67.8	311.3	36,700	68.8	312.4	42,200	70.2	313.8	41,300	95
100	66.4	309.1	36,300	67.4	310.4	41,800	68.9	311.9	40,900	100
105	65.0	306.8	35,900	66.0	308.2	41,400	67.4	309.8	40,600	105
109	63.8	304.9	35,600	64.8	306.3	41,000	66.3	308.1	40,300	109
110	63.5	304.4	35,500	64.5	305.8	40,900	66.0	307.7	40,300	110
115	62.1	301.8	35,200	63.1	303.4	39,500	64.6	305.3	38,100	115
120	60.6	299.0	34,600	61.6	300.7	37,400	63.1	302.8	35,900	120
125	59.1	296.1	33,100	60.1	297.9	35,200	61.7	300.2	33,800	125
130	57.5	292.9	31,700	58.6	294.9	33,200	60.2	297.4	31,800	130
134	56.3	290.3	30,600	57.3	292.3	31,800	58.9	295.0	30,400	134
135	56.0	289.6	30,300	57.0	291.7	31,400	58.6	294.4	30,100	135
140	54.4	286.1	28,900	55.5	288.3	29,700	57.1	291.2	28,500	140
145	52.7	282.3	27,500	53.9	284.7	28,200	55.5	287.8	26,900	145
150	51.1	278.4	26,300	52.2	280.9	26,700	53.9	284.2	25,500	150
155	49.4	274.2	25,100	50.6	276.9	25,400	52.3	280.4	24,200	155
159	48.0	270.6	23,900	49.2	273.4	24,400	51.0	277.2	23,300	159
160	47.6	269.7	23,600	48.8	272.6	24,100	50.6	276.4	23,000	160
165	45.8	264.9	22,300	47.1	268.0	22,900	48.9	272.1	21,900	165
170	44.0	259.8	21,100	45.3	263.1	21,800	47.1	267.6	20,800	170
175	42.0	254.4	19,900	43.4	258.0	20,700	45.3	262.7	19,800	175
180	40.0	248.6	18,800	41.4	252.4	19,500	43.5	257.6	18,800	180
183	38.8	244.7	18,200	40.2	248.7	18,900	42.3	254.1	18,300	183
190	35.8	235.6	16,800	37.3	240.1	17,400	39.5	246.1	17,100	190
200	31.0	220.2	15,000	32.7	225.6	15,600	35.2	232.8	15,500	200
210	25.4	201.3	13,400	27.5	208.1	13,900	30.3	217.1	14,100	210
220	18.3	176.0	12,000	21.1	185.6	12,400	24.6	197.6	12,800	220
230	5.0	126.1	7,800	11.6	150.7	10,400	17.2	170.9	11,600	230
234				2.9	117.7	7,600	11.3	148.6	10,400	234
239							3.9	120.8	8,800	239
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244										244
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MLC250 S-2

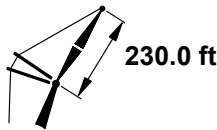
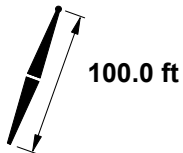
ASME B30.5



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
66													66
70													70
75													75
76													76
80													80
85													85
90													90
93													93
95													95
100													100
105													105
109	67.8	309.4	39,500										109
110	67.5	309.0	39,000										110
115	66.1	306.8	36,600										115
120	64.6	304.5	34,300										120
125	63.2	302.0	32,300										125
130	61.7	299.4	30,500										130
134	60.5	297.1	29,100	63.0	299.7	26,900							134
135	60.2	296.6	28,800	62.7	299.2	26,600							135
140	58.7	293.6	27,200	61.3	296.5	25,100							140
145	57.2	290.4	25,700	59.8	293.6	23,700							145
150	55.6	287.0	24,400	58.2	290.5	22,400							150
155	54.0	283.5	23,100	56.7	287.3	21,200							155
159	52.7	280.4	22,100	55.4	284.6	20,300	58.0	287.3	18,500				159
160	52.4	279.7	21,900	55.1	283.9	20,100	57.7	286.6	18,300				160
165	50.7	275.6	20,800	53.5	280.2	19,000	56.1	283.3	17,300				165
170	49.0	271.4	19,800	51.8	276.4	18,000	54.5	279.8	16,400				170
175	47.2	266.8	18,800	50.2	272.3	17,100	52.9	276.1	15,500				175
180	45.4	262.0	17,900	48.4	267.9	16,300	51.3	272.2	14,700				180
183	44.2	258.8	17,300	47.4	265.1	15,800	50.2	269.6	14,200	52.9	272.6	12,700	183
190	41.6	251.3	16,200	44.8	258.4	14,700	47.8	263.5	13,200	50.6	267.0	11,700	190
200	37.5	239.1	14,600	41.0	247.5	13,200	44.2	253.8	11,800	47.1	258.2	10,400	200
210	32.9	224.7	13,300	36.8	234.9	11,900	40.3	242.6	10,600	43.4	248.1	9,100	210
220	27.7	207.3	12,000	32.2	220.2	10,700	36.0	229.7	9,500	39.5	236.7	7,900	220
230	21.3	185.0	10,900	26.8	202.3	9,700	31.3	214.5	8,400	35.1	223.4	6,800	230
234	17.6	171.4	10,400	24.2	192.9	9,200	29.1	207.1	8,000	33.2	217.0	6,400	234
239	13.0	154.4	9,900	20.8	181.2	8,700	26.3	197.7	7,400	30.7	209.1	5,900	239
240	12.1	151.0	9,800	20.2	178.9	8,600	25.8	195.9	7,300	30.3	207.6	5,800	240
244	4.5	122.3	9,300	16.7	166.3	8,300	23.2	186.8	6,900	28.1	200.2	5,500	244
245				15.9	163.2	8,200	22.5	184.5	6,800	27.5	198.4	5,400	245
250				9.9	140.8	7,700	18.8	171.0	6,300				250
253				1.7	109.3	7,300	15.1	157.4	6,000				253
260							6.6	125.5	5,300				260
261							3.4	113.3	5,200				261

MLC250 S-2

ASME B30.5



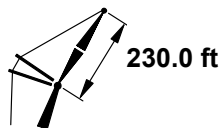
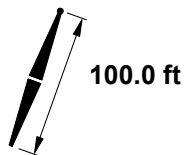
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
68	75.9	330.8	36,300							68
70	75.4	330.3	36,100							70
75	74.1	328.9	35,800							75
79	73.1	327.7	35,500	74.0	328.5	40,800				79
80	72.8	327.4	35,400	73.7	328.2	40,800				80
85	71.5	325.7	35,000	72.4	326.6	40,400				85
90	70.2	324.0	34,600	71.1	324.9	40,000				90
95	68.8	322.1	34,300	69.8	323.1	39,600				95
96	68.6	321.7	34,200	69.5	322.7	39,500	70.9	324.0	38,900	96
100	67.5	320.0	33,900	68.4	321.2	39,200	69.8	322.6	38,700	100
105	66.1	317.8	33,600	67.1	319.1	38,800	68.5	320.7	38,400	105
110	64.8	315.5	33,200	65.7	316.9	38,500	67.1	318.6	38,100	110
112	64.2	314.5	33,100	65.2	315.9	38,300	66.6	317.7	38,000	112
115	63.4	313.1	32,900	64.3	314.5	38,100	65.8	316.4	37,800	115
120	62.0	310.4	32,600	62.9	312.0	36,800	64.4	314.0	35,500	120
125	60.5	307.7	31,300	61.5	309.4	34,900	63.0	311.5	33,400	125
130	59.1	304.7	30,100	60.1	306.5	32,900	61.6	308.8	31,500	130
135	57.6	301.6	28,800	58.7	303.5	31,100	60.2	306.0	29,800	135
139	56.4	299.0	27,800	57.5	301.0	29,800	59.0	303.6	28,500	139
140	56.1	298.3	27,600	57.2	300.4	29,400	58.7	303.0	28,100	140
145	54.6	294.8	26,400	55.7	297.0	27,900	57.2	299.9	26,600	145
150	53.1	291.1	25,300	54.1	293.4	26,400	55.7	296.5	25,200	150
155	51.5	287.2	24,200	52.6	289.7	25,100	54.2	293.0	23,900	155
160	49.9	283.0	23,100	51.0	285.7	23,800	52.6	289.2	22,700	160
165	48.2	278.6	21,900	49.4	281.5	22,600	51.1	285.2	21,600	165
170	46.5	274.0	20,700	47.7	277.0	21,500	49.4	281.0	20,500	170
175	44.8	269.0	19,500	46.0	272.3	20,300	47.8	276.6	19,500	175
180	42.9	263.8	18,400	44.2	267.2	19,100	46.0	271.8	18,500	180
185	41.1	258.2	17,400	42.4	261.9	18,100	44.3	266.8	17,600	185
189	39.5	253.4	16,600	40.9	257.3	17,200	42.8	262.5	17,000	189
190	39.1	252.2	16,400	40.5	256.1	17,000	42.5	261.5	16,800	190
195	37.1	245.7	15,500	38.5	250.0	16,100	40.6	255.7	16,000	195
200	35.0	238.7	14,600	36.5	243.4	15,200	38.6	249.6	15,200	200
210	30.3	222.9	13,000	32.0	228.5	13,500	34.4	235.9	13,800	210
220	24.8	203.5	11,500	26.9	210.5	12,000	29.6	219.7	12,500	220
230	17.9	177.5	10,200	20.6	187.4	10,700	24.0	199.7	11,300	230
240	4.9	126.5	6,300	11.3	151.7	8,700	16.8	172.3	10,000	240
244				2.9	117.9	6,200	11.0	149.6	8,800	244
249							3.8	121.1	7,300	249
250										250
254										254
255										255
260										260
263										263

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



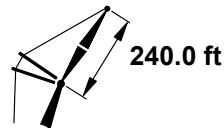
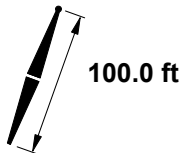
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
68													68
70													70
75													75
79													79
80													80
85													85
90													90
95													95
96													96
100													100
105													105
110													110
112	68.0	319.0	37,700										112
115	67.2	317.8	36,200										115
120	65.8	315.6	34,000										120
125	64.4	313.2	32,000										125
130	63.0	310.7	30,100										130
135	61.6	308.0	28,400										135
139	60.5	305.8	27,200	62.9	308.3	25,000							139
140	60.2	305.2	26,900	62.6	307.8	24,700							140
145	58.8	302.2	25,400	61.2	305.1	23,400							145
150	57.3	299.1	24,000	59.8	302.3	22,100							150
155	55.8	295.7	22,800	58.3	299.2	20,900							155
160	54.3	292.2	21,600	56.8	296.0	19,800							160
165	52.7	288.4	20,500	55.3	292.6	18,700	57.8	295.3	17,000				165
170	51.1	284.5	19,400	53.8	289.0	17,700	56.3	292.0	16,100				170
175	49.5	280.3	18,500	52.2	285.2	16,800	54.8	288.6	15,200				175
180	47.8	275.8	17,600	50.6	281.1	15,900	53.2	284.9	14,400				180
185	46.1	271.1	16,700	49.0	276.9	15,100	51.7	281.0	13,600				185
189	44.7	267.1	16,000	47.6	273.2	14,500	50.4	277.7	13,000	52.9	280.6	11,500	189
190	44.3	266.1	15,900	47.3	272.3	14,400	50.1	276.9	12,900	52.6	279.8	11,400	190
195	42.5	260.7	15,100	45.6	267.5	13,600	48.4	272.5	12,200	51.0	275.8	10,600	195
200	40.6	255.0	14,400	43.8	262.4	12,900	46.7	267.9	11,500	49.4	271.6	9,900	200
210	36.6	242.4	13,000	40.0	251.1	11,600	43.2	257.7	10,300	46.0	262.4	8,600	210
220	32.2	227.6	11,700	36.0	238.2	10,500	39.4	246.2	9,100	42.4	252.0	7,500	220
230	27.1	209.7	10,600	31.4	223.0	9,400	35.2	232.9	8,000	38.5	240.2	6,400	230
240	20.8	186.9	9,600	26.2	204.6	8,400	30.6	217.3	6,900	34.3	226.5	5,400	240
244	17.2	172.9	9,200	23.6	195.0	8,000	28.4	209.6	6,500				244
249	12.7	155.5	8,700	20.4	183.0	7,500	25.7	200.0	6,000				249
250	11.8	152.0	8,600	19.7	180.6	7,400	25.2	198.1	5,900				250
254	4.4	122.7	8,000	16.4	167.8	7,000	22.7	188.8	5,600				254
255				15.5	164.5	6,900	22.0	186.5	5,500				255
260				9.7	141.6	6,400							260
263				1.6	109.4	6,000							263

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



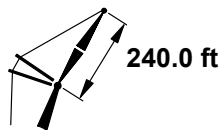
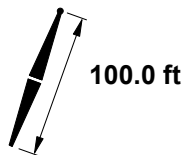
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
70	76.0	340.6	32,900							70
75	74.8	339.3	32,500							75
80	73.5	337.8	32,200							80
82	73.0	337.2	32,000	73.9	338.0	36,800				82
85	72.3	336.3	31,800	73.2	337.1	36,600				85
90	71.0	334.6	31,400	71.9	335.5	36,200				90
95	69.8	332.8	31,100	70.6	333.8	35,900				95
99	68.7	331.2	30,800	69.6	332.3	35,600	70.9	333.6	35,000	99
100	68.5	330.8	30,700	69.4	331.9	35,500	70.7	333.2	34,900	100
105	67.2	328.8	30,400	68.1	330.0	35,100	69.4	331.4	34,600	105
110	65.9	326.6	30,000	66.8	327.8	34,800	68.1	329.4	34,400	110
115	64.6	324.2	29,700	65.5	325.6	34,400	66.8	327.3	34,100	115
116	64.3	323.7	29,700	65.2	325.1	34,300	66.6	326.9	34,000	116
120	63.2	321.7	29,400	64.2	323.2	34,100	65.5	325.1	33,800	120
125	61.9	319.1	29,100	62.8	320.7	33,700	64.2	322.7	33,000	125
130	60.5	316.3	28,800	61.5	318.0	32,500	62.9	320.2	31,100	130
135	59.1	313.4	27,800	60.1	315.2	30,700	61.5	317.5	29,300	135
140	57.7	310.3	26,700	58.7	312.2	29,000	60.2	314.7	27,700	140
144	56.6	307.6	25,800	57.6	309.7	27,800	59.0	312.3	26,500	144
145	56.3	307.0	25,600	57.3	309.0	27,500	58.8	311.7	26,200	145
150	54.8	303.5	24,600	55.9	305.7	26,000	57.4	308.5	24,800	150
155	53.4	299.9	23,600	54.4	302.2	24,700	55.9	305.2	23,500	155
160	51.9	296.0	22,600	52.9	298.4	23,400	54.5	301.7	22,300	160
165	50.3	291.9	21,400	51.4	294.5	22,200	53.0	298.0	21,100	165
170	48.7	287.6	20,100	49.8	290.4	21,000	51.5	294.1	20,100	170
175	47.1	283.0	19,000	48.3	286.0	19,800	49.9	289.9	19,100	175
180	45.5	278.2	17,900	46.6	281.3	18,600	48.3	285.5	18,100	180
185	43.8	273.1	16,800	45.0	276.4	17,500	46.7	280.9	17,200	185
190	42.0	267.6	15,900	43.2	271.2	16,500	45.0	276.0	16,400	190
195	40.2	261.8	14,900	41.4	265.6	15,600	43.3	270.8	15,600	195
200	38.3	255.6	14,100	39.6	259.7	14,700	41.5	265.3	14,800	200
205	36.3	249.0	13,200	37.7	253.4	13,800	39.7	259.4	14,100	205
210	34.2	241.8	12,500	35.7	246.6	13,000	37.7	253.0	13,400	210
215	32.0	234.1	11,700	33.5	239.3	12,200	35.7	246.3	12,800	215
220	29.6	225.6	11,000	31.3	231.3	11,500	33.6	239.0	12,100	220
230	24.3	205.6	9,700	26.3	212.9	10,100	29.0	222.3	10,800	230
235	21.2	193.5	9,100	23.4	201.9	9,500	26.4	212.7	10,100	235
240	17.5	179.0	8,500	20.1	189.2	8,900	23.5	201.8	9,500	240
245	12.9	160.2	7,200	16.2	173.7	8,300	20.3	189.1	8,900	245
250				11.1	152.6	7,100	16.4	173.8	8,300	250
259							3.7	121.4	5,800	259
260										260
264										264
265										265

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



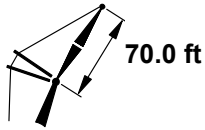
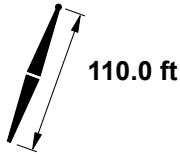
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
70													70
75													75
80													80
82													82
85													85
90													90
95													95
99													99
100													100
105													105
110													110
115													115
116	67.9	328.2	35,300										116
120	66.9	326.5	33,600										120
125	65.6	324.3	31,500										125
130	64.3	321.9	29,700										130
135	62.9	319.4	28,000										135
140	61.6	316.7	26,400										140
144	60.5	314.4	25,200	62.8	317.0	23,100							144
145	60.2	313.9	24,900	62.5	316.5	22,900							145
150	58.8	310.9	23,600	61.2	313.8	21,600							150
155	57.4	307.8	22,300	59.8	310.9	20,400							155
160	56.0	304.4	21,200	58.4	307.9	19,300							160
165	54.5	300.9	20,000	57.0	304.7	18,200							165
170	53.0	297.2	19,000	55.5	301.3	17,300	57.9	304.0	15,600				170
175	51.5	293.3	18,000	54.1	297.7	16,300	56.5	300.7	14,700				175
180	50.0	289.2	17,100	52.6	294.0	15,500	55.0	297.3	13,900				180
185	48.4	284.8	16,300	51.0	290.0	14,700	53.5	293.6	13,100				185
190	46.7	280.2	15,400	49.5	285.8	13,900	52.0	289.8	12,400				190
195	45.1	275.3	14,700	47.9	281.3	13,200	50.5	285.7	11,700	52.9	288.6	9,900	195
200	43.4	270.1	13,900	46.2	276.6	12,500	48.9	281.4	11,000	51.4	284.7	9,200	200
205	41.6	264.6	13,200	44.6	271.6	11,800	47.3	276.9	10,300	49.9	280.5	8,500	205
210	39.7	258.7	12,600	42.8	266.3	11,200	45.7	272.1	9,700	48.3	276.1	7,900	210
215	37.8	252.4	11,900	41.0	260.7	10,600	44.0	267.0	9,000	46.7	271.5	7,300	215
220	35.8	245.6	11,300	39.2	254.7	10,000	42.2	261.6	8,400	45.0	266.6	6,800	220
230	31.5	230.4	10,200	35.2	241.4	8,900	38.5	249.7	7,300	41.5	255.8	5,700	230
235	29.1	221.7	9,700	33.0	233.9	8,400	36.5	243.1	6,800	39.6	249.9	5,200	235
240	26.5	212.1	9,200	30.7	225.8	7,800	34.4	236.0	6,200				240
245	23.6	201.2	8,700	28.3	216.8	7,300	32.2	228.3	5,800				245
250	20.4	188.7	8,200	25.6	206.8	6,800	29.9	219.9	5,300				250
259	12.4	156.5	7,300	19.9	184.7	5,900							259
260	11.5	153.0	7,200	19.3	182.3	5,800							260
264	4.3	123.0	6,500	16.0	169.1	5,400							264
265				15.2	165.9	5,300							265

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



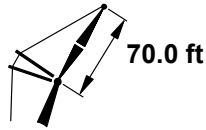
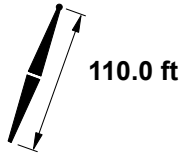
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
32	73.7	184.9	149,900 d							32
34	72.0	184.2	144,100 d							34
36	70.2	183.5	138,700 d	73.5	184.5	148,200 d				36
38	68.5	182.7	133,600 d	71.8	183.9	142,600 d				38
40	66.7	181.8	128,700 c	70.1	183.1	137,300 d				40
45	62.1	179.3	117,900 b	65.6	181.0	125,300 b	70.7	182.7	137,300 d	45
50	57.3	176.2	108,600	61.0	178.4	115,000 b	66.3	180.7	124,900 b	50
54	53.2	173.3	102,200	57.1	175.8	108,000 b	62.6	178.6	113,200 b	54
55	52.2	172.6	100,500	56.1	175.2	106,200	61.7	178.1	110,200 b	55
60	46.7	168.1	93,700	51.0	171.3	98,400	56.9	175.0	98,500	60
65	40.7	162.7	87,600	45.4	166.7	91,500	51.7	171.3	88,900	65
69	35.1	157.2	83,400	40.4	162.1	84,900	47.3	167.6	82,400	69
70	33.8	155.9	82,400	39.2	161.0	83,200	46.2	166.7	80,800	70
75	25.2	146.6	77,600	32.0	153.7	76,200	40.1	161.2	74,000	75
80	11.2	130.4	64,600	22.7	143.6	70,100	33.1	154.2	68,100	80
81	4.1	121.8	56,600	19.6	140.0	69,000	31.3	152.3	67,100	81
83				13.5	132.7	66,700	27.8	148.5	65,000	83
84				10.4	129.1	65,600	26.0	146.6	64,000	84
85							24.2	144.6	62,900	85
90							8.9	126.6	58,300	90
95										95
96										96
97										97
100										100
105										105
110										110
114										114
115										115
120										120
123										123

MLC250 S-2

ASME B30.5



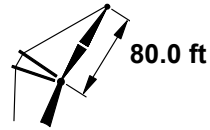
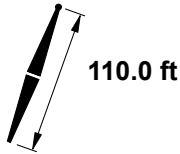
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
32													32
34													34
36													36
38													38
40													40
45													45
50													50
54	67.8	180.4	109,500 c										54
55	66.9	180.0	106,900 c										55
60	62.3	177.5	95,500 b										60
65	57.5	174.5	86,200										65
69	53.5	171.6	79,900	62.6	175.4	75,700 b							69
70	52.5	170.8	78,400	61.7	174.9	74,300 b							70
75	47.0	166.4	71,800	56.9	171.8	68,100							75
80	41.0	161.1	66,100	51.7	168.0	62,600							80
81	39.6	159.7	65,100	50.6	167.1	61,700							81
83	36.9	157.0	63,100	48.4	165.3	59,800	57.9	169.4	56,500 b				83
84	35.5	155.7	62,100	47.3	164.4	58,900	56.9	168.7	55,700 b				84
85	34.1	154.3	61,100	46.2	163.5	57,900	56.0	168.1	54,800				85
90	25.6	145.2	56,700	40.1	158.0	53,800	50.8	164.2	50,900				90
95	12.2	129.7	52,700	33.1	151.0	50,100	45.2	159.5	47,400				95
96	6.6	122.9	51,900	31.3	149.1	49,500	43.9	158.4	46,800				96
97				29.5	147.2	48,800	42.7	157.2	46,200	52.7	161.8	43,600	97
100				24.2	141.4	46,800	38.9	153.8	44,300	49.5	159.3	41,800	100
105				8.9	123.4	43,700	31.7	146.4	41,500	43.7	154.4	39,200	105
110							22.3	136.1	39,000	37.3	148.3	36,800	110
114							9.4	121.0	37,000	31.2	142.0	35,100	114
115										29.7	140.4	34,600	115
120										19.4	128.9	32,600	120
123										8.2	115.6	31,400	123

MLC250 S-2

ASME B30.5



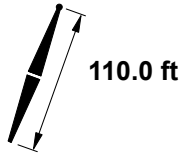
	88°			86°			83°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
32	75.8	195.3	144,600 d						32	
34	74.3	194.7	139,200 d						34	
36	72.8	194.1	134,200 d						36	
38	71.3	193.4	129,400 c						38	
39	70.5	193.0	127,200 c	73.4	194.1	135,400 d			39	
40	69.7	192.6	124,900 b	72.7	193.7	133,100 d			40	
45	65.9	190.5	114,600 b	68.8	191.9	121,800 b			45	
48	63.4	189.0	109,300 b	66.5	190.6	116,000 b	70.9	192.3	126,300 c	
50	61.8	188.0	105,800	64.9	189.7	112,100 b	69.4	191.5	122,100 b	
55	57.6	184.9	98,100	60.9	187.0	103,600	65.5	189.3	109,800 b	
58	55.0	182.8	94,000	58.3	185.1	99,200	63.1	187.8	102,800 b	
60	53.2	181.4	91,300	56.6	183.9	96,200	61.5	186.8	98,100	
65	48.6	177.2	85,400	52.2	180.2	89,700	57.3	183.7	88,500	
70	43.5	172.2	80,300	47.4	175.8	83,000	52.8	180.1	80,500	
74	39.0	167.4	76,600	43.3	171.6	77,400	49.1	176.7	75,000	
75	37.9	166.2	75,600	42.3	170.6	76,000	48.1	175.8	73,700	
80	31.5	158.7	71,300	36.5	164.3	69,900	43.0	170.7	67,800	
85	23.4	148.7	66,000	29.8	156.4	64,700	37.4	164.6	62,700	
89	13.0	134.7	58,800	22.9	147.6	61,000	32.1	158.5	59,100	
90	10.4	131.3	57,000	21.1	145.4	60,000	30.8	157.0	58,300	
91	3.8	122.0	50,100	18.3	141.5	59,200	29.2	154.9	57,500	
94				9.7	129.9	56,600	24.2	148.7	55,100	
95							22.6	146.6	54,300	
100							8.2	127.3	50,600	
103									103	
105									105	
106									106	
110									110	
115									115	
120									120	
124									124	
125									125	
130									130	
133									133	

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



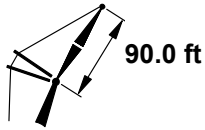
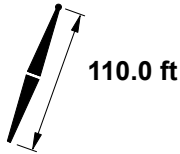
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
32													32
34													34
36													36
38													38
39													39
40													40
45													45
48													48
50													50
55													55
58	67.6	189.6	99,300 b										58
60	66.0	188.7	95,000 b										60
65	62.0	186.2	85,700										65
70	57.8	183.2	77,900										70
74	54.3	180.3	72,700	62.3	184.1	68,700							74
75	53.5	179.6	71,300	61.5	183.5	67,500							75
80	48.8	175.5	65,700	57.3	180.4	62,100							80
85	43.8	170.5	60,800	52.8	176.8	57,500							85
89	39.3	165.8	57,300	49.1	173.4	54,200	57.3	177.4	51,100				89
90	38.2	164.6	56,400	48.1	172.6	53,400	56.5	176.8	50,300				90
91	36.9	163.1	55,700	47.1	171.5	52,600	55.6	176.0	49,700				91
94	33.1	158.6	53,400	44.1	168.5	50,500	52.9	173.8	47,600				94
95	31.8	157.2	52,600	43.0	167.5	49,700	52.0	173.0	46,900				95
100	23.9	147.3	49,100	37.4	161.4	46,500	47.2	168.6	43,800				100
103	16.4	137.3	47,200	33.5	156.8	44,800	44.1	165.5	42,200	52.7	169.8	39,700	103
105	11.4	130.6	46,000	30.8	153.7	43,600	42.1	163.4	41,100	50.9	168.2	38,600	105
106	6.1	123.4	45,300	29.2	151.7	43,000	40.9	162.1	40,600	49.9	167.3	38,200	106
110				22.6	143.4	40,900	36.3	157.1	38,600	46.0	163.6	36,300	110
115				8.3	124.1	38,400	29.5	149.1	36,300	40.7	158.1	34,200	115
120							20.8	137.9	34,200	34.7	151.5	32,200	120
124							8.8	121.7	32,600	29.1	144.6	30,800	124
125										27.6	142.9	30,400	125
130										18.0	130.5	28,700	130
133										7.6	116.2	27,600	133

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



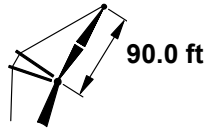
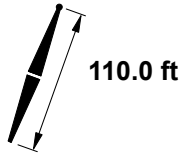
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
35	75.4	204.8	132,300 d							35
36	74.8	204.5	130,000 d							36
38	73.4	203.9	125,600 d							38
40	72.1	203.3	121,400 c							40
41	71.4	202.9	119,500 c	74.0	203.9	126,900 d				41
45	68.7	201.4	111,800 b	71.3	202.6	118,700 b				45
50	65.2	199.2	103,400	67.9	200.7	109,600 b				50
52	63.8	198.2	100,500	66.5	199.7	106,400 b	70.4	201.5	115,300 b	52
55	61.6	196.6	96,000	64.4	198.4	101,500	68.4	200.3	109,500 b	55
60	57.9	193.6	89,500	60.8	195.7	94,400	64.9	198.0	97,800	60
62	56.4	192.2	87,200	59.3	194.4	91,900	63.5	197.0	94,000	62
65	54.0	190.1	83,800	57.0	192.6	88,000	61.3	195.4	88,200	65
70	49.9	186.1	78,600	53.1	188.9	82,500	57.6	192.4	80,200	70
75	45.6	181.4	74,100	49.0	184.8	75,800	53.7	188.8	73,400	75
78	42.7	178.1	71,700	46.3	181.9	72,200	51.2	186.4	69,900	78
80	40.9	175.9	70,100	44.5	179.9	69,800	49.6	184.8	67,600	80
85	35.6	169.4	65,900	39.7	174.2	64,600	45.2	180.0	62,500	85
90	29.6	161.3	61,200	34.3	167.4	60,000	40.4	174.5	58,100	90
94	23.5	152.7	57,900	29.3	160.6	56,700	36.2	169.1	55,000	94
95	22.0	150.6	57,100	28.0	158.9	55,900	35.1	167.8	54,200	95
100	9.8	132.1	49,900	19.9	147.1	52,300	29.0	159.6	50,700	100
101	3.5	122.2	44,200	17.2	143.0	51,600	27.4	157.3	50,000	101
104				9.1	130.6	49,500	22.8	150.7	48,100	104
105							21.2	148.5	47,500	105
109							10.4	132.0	45,100	109
110							7.7	127.9	44,500	110
115										115
116										116
120										120
125										125
130										130
134										134
135										135
140										140
143										143

MLC250 S-2

ASME B30.5



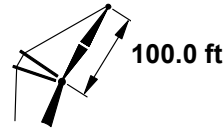
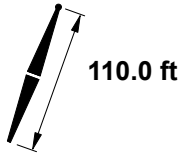
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft	lb	ft	
35													35
36													36
38													38
40													40
41													41
45													45
50													50
52													52
55													55
60													60
62	67.5	198.8	90,800 b										62
65	65.4	197.4	85,400										65
70	61.8	194.8	77,600										70
75	58.1	191.8	71,100										75
78	55.8	189.8	67,700	62.8	193.3	63,800							78
80	54.2	188.4	65,400	61.3	192.2	61,800							80
85	50.1	184.4	60,500	57.6	189.1	57,100							85
90	45.8	179.7	56,200	53.7	185.6	53,100							90
94	42.0	175.4	53,200	50.4	182.3	50,200	57.6	186.1	47,200				94
95	41.1	174.3	52,400	49.6	181.5	49,500	56.9	185.5	46,600				95
100	35.9	167.8	49,000	45.2	176.8	46,200	52.9	181.8	43,500				100
101	34.7	166.2	48,400	44.2	175.7	45,700	52.1	181.0	43,000				101
104	31.1	161.4	46,600	41.4	172.3	43,900	49.6	178.5	41,300				104
105	29.9	159.8	45,900	40.4	171.2	43,400	48.8	177.6	40,800				105
109	23.9	151.4	43,700	36.2	165.9	41,300	45.2	173.7	38,800	52.8	177.8	36,400	109
110	22.4	149.3	43,200	35.1	164.6	40,800	44.4	172.8	38,300	52.0	177.0	35,900	110
115	10.7	131.5	40,600	29.0	156.3	38,400	39.5	167.0	36,100	47.8	172.7	33,800	115
116	5.7	123.8	40,000	27.4	154.1	37,900	38.4	165.7	35,700	46.8	171.7	33,400	116
120				21.2	145.3	36,200	34.1	160.2	34,000	43.2	167.6	31,900	120
125				7.7	124.7	34,100	27.7	151.5	32,100	38.3	161.6	30,100	125
130							19.5	139.6	30,400	32.7	154.4	28,500	130
134							8.2	122.3	29,000	27.3	147.0	27,300	134
135										26.0	145.2	27,000	135
140										16.9	131.9	25,500	140
143										7.1	116.7	24,600	143

MLC250 S-2

ASME B30.5



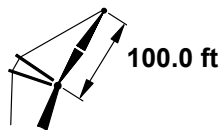
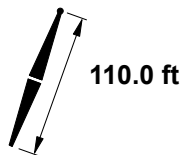
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
37	75.7	214.6	123,300 d							37
38	75.1	214.4	121,300 c							38
40	73.9	213.8	117,500 b							40
44	71.5	212.5	110,300 b	73.8	213.4	116,900 b				44
45	70.9	212.1	108,600 b	73.2	213.1	115,100 b				45
50	67.8	210.2	100,600	70.2	211.4	106,600 b				50
55	64.7	207.9	93,600	67.1	209.4	99,000	70.6	211.0	107,100 b	55
60	61.5	205.3	87,400	64.0	207.0	92,100	67.6	209.0	97,300	60
65	58.1	202.3	81,800	60.7	204.3	86,100	64.4	206.7	87,800	65
70	54.7	198.9	76,900	57.3	201.2	80,700	61.2	204.1	79,800	70
75	51.0	195.0	72,400	53.8	197.7	75,400	57.8	201.0	73,000	75
80	47.2	190.5	68,400	50.1	193.7	69,400	54.3	197.6	67,200	80
83	44.7	187.5	66,300	47.8	190.9	66,300	52.1	195.2	64,200	83
85	43.1	185.4	64,800	46.3	189.1	64,200	50.7	193.6	62,100	85
90	38.6	179.5	60,100	42.1	183.8	59,700	46.8	189.1	57,700	90
95	33.7	172.5	55,500	37.5	177.7	55,600	42.7	184.0	53,800	95
99	29.1	165.5	52,500	33.5	171.8	52,800	39.1	179.1	51,000	99
100	28.0	163.8	51,800	32.5	170.3	52,000	38.2	177.9	50,300	100
105	20.9	152.4	49,000	26.5	161.2	48,800	33.2	170.8	47,200	105
110	9.2	132.8	43,400	18.8	148.8	45,800	27.4	162.0	44,300	110
111	3.3	122.4	38,700	16.2	144.4	45,300	26.0	159.6	43,800	111
114				8.5	131.3	43,600	21.6	152.6	42,300	114
115							20.1	150.2	41,700	115
120							7.3	128.5	39,300	120
125										125
126										126
130										130
135										135
140										140
144										144
145										145
150										150
153										153

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



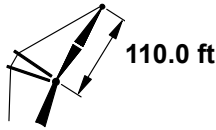
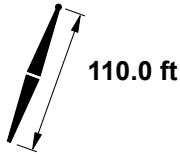
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
37													37
38													38
40													40
44													44
45													45
50													50
55													55
60													60
65	68.0	208.3	84,900										65
70	64.8	206.1	77,100										70
75	61.6	203.5	70,600										75
80	58.3	200.5	64,900										80
83	56.2	198.5	62,000	62.5	201.9	58,400							83
85	54.8	197.1	60,000	61.2	200.8	56,600							85
90	51.2	193.2	55,800	57.8	197.8	52,500							90
95	47.4	188.8	52,000	54.3	194.3	48,900							95
99	44.1	184.8	49,300	51.4	191.2	46,400	57.9	194.8	43,500				99
100	43.3	183.7	48,600	50.7	190.4	45,700	57.2	194.1	42,900				100
105	38.9	177.9	45,600	46.8	185.9	42,900	53.7	190.6	40,200				105
110	33.9	170.9	42,800	42.7	180.7	40,300	50.0	186.6	37,800				110
111	32.8	169.2	42,300	41.8	179.5	39,800	49.2	185.6	37,300				111
114	29.4	164.1	40,800	39.1	175.9	38,400	46.9	182.9	36,000				114
115	28.3	162.4	40,300	38.2	174.7	37,900	46.1	182.0	35,600	52.8	185.8	33,200	115
120	21.2	151.1	38,000	33.2	167.6	35,800	41.9	176.6	33,500	49.1	181.6	31,300	120
125	10.1	132.4	35,900	27.4	158.8	33,800	37.4	170.4	31,700	45.1	176.9	29,600	125
126	5.4	124.2	35,400	26.0	156.4	33,500	36.3	169.0	31,300	44.3	175.8	29,300	126
130				20.1	147.0	32,000	32.3	163.1	30,000	40.9	171.4	28,000	130
135				7.3	125.3	30,200	26.2	153.8	28,400	36.2	164.9	26,500	135
140							18.5	141.2	26,900	30.9	157.2	25,100	140
144							7.7	123.0	25,700	25.8	149.3	24,100	144
145										24.6	147.4	23,800	145
150										16.0	133.3	22,500	150
153										6.7	117.3	21,800	153

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



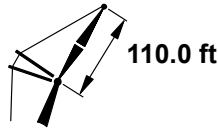
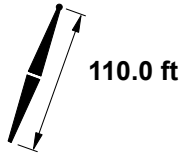
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	ft
39	76.0	224.4	115,200 c							39
40	75.4	224.2	113,500 b							40
45	72.7	222.7	105,300 b							45
47	71.6	222.0	102,400 b	73.7	223.0	108,200 b				47
50	70.0	220.9	97,900	72.1	222.0	103,600 b				50
55	67.2	218.9	91,300	69.3	220.2	96,400				55
58	65.4	217.5	87,700	67.6	218.9	92,600	70.8	220.6	99,800	58
60	64.3	216.6	85,400	66.5	218.1	90,000	69.7	219.8	97,100	60
65	61.3	213.9	80,000	63.6	215.7	84,200	66.9	217.8	87,600	65
69	58.9	211.5	76,200	61.2	213.5	80,100	64.6	215.9	81,200	69
70	58.3	210.9	75,200	60.6	213.0	79,100	64.0	215.4	79,600	70
75	55.2	207.6	70,900	57.6	209.9	74,300	61.1	212.7	72,900	75
80	51.9	203.8	67,100	54.4	206.5	69,400	58.0	209.7	67,100	80
85	48.5	199.5	63,500	51.1	202.6	64,200	54.9	206.3	62,000	85
87	47.0	197.6	62,000	49.7	200.8	62,300	53.6	204.8	60,300	87
90	44.8	194.7	59,600	47.6	198.2	59,600	51.6	202.5	57,600	90
95	41.0	189.2	54,900	44.0	193.2	55,600	48.1	198.2	53,700	95
100	36.8	182.8	50,900	40.0	187.5	52,000	44.5	193.3	50,300	100
105	32.1	175.3	47,300	35.7	180.9	48,800	40.6	187.7	47,200	105
110	26.6	166.2	44,500	30.9	173.1	45,900	36.4	181.3	44,300	110
115	19.8	154.2	42,400	25.2	163.4	43,300	31.6	173.6	41,800	115
120	8.8	133.5	38,500	17.9	150.3	40,800	26.1	164.3	39,400	120
121	3.1	122.6	34,600	15.4	145.7	40,300	24.7	161.8	39,000	121
124				8.1	132.0	38,900	20.5	154.4	37,700	124
125							19.1	151.9	37,300	125
130							6.9	129.0	35,200	130
135										135
136										136
140										140
145										145
150										150
154										154
155										155
160										160
163										163

MLC250 S-2

ASME B30.5



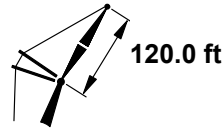
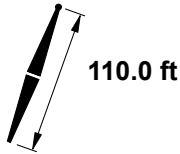
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
39													39
40													40
45													45
47													47
50													50
55													55
58													58
60													60
65													65
69	67.8	217.5	78,400										69
70	67.3	217.1	77,000										70
75	64.4	214.8	70,400										75
80	61.5	212.1	64,800										80
85	58.4	209.2	59,900										85
87	57.2	207.8	58,200	62.8	211.1	54,700							87
90	55.3	205.8	55,700	61.1	209.5	52,400							90
95	52.0	202.1	51,900	58.0	206.5	48,800							95
100	48.6	197.8	48,500	54.9	203.1	45,600							100
105	45.0	193.0	45,500	51.6	199.2	42,800	57.5	202.8	40,100				105
110	41.2	187.5	42,800	48.2	194.9	40,200	54.3	199.3	37,600				110
115	37.0	181.2	40,300	44.5	190.0	37,900	51.0	195.4	35,400				115
120	32.3	173.8	38,100	40.6	184.5	35,700	47.5	191.0	33,400				120
121	31.2	172.0	37,600	39.8	183.2	35,300	46.8	190.0	33,100	52.8	193.8	30,800	121
124	28.0	166.5	36,400	37.2	179.3	34,200	44.6	187.0	32,000	50.8	191.4	29,800	124
125	26.9	164.7	36,000	36.4	178.0	33,800	43.8	186.0	31,600	50.2	190.6	29,400	125
130	20.2	152.9	34,100	31.6	170.4	32,000	39.9	180.3	29,900	46.6	186.0	27,900	130
135	9.6	133.1	32,200	26.1	161.1	30,300	35.5	173.7	28,300	42.9	180.8	26,400	135
136	5.1	124.6	31,800	24.7	158.6	30,000	34.6	172.1	28,000	42.1	179.7	26,100	136
140				19.1	148.7	28,700	30.7	165.8	26,900	38.9	174.9	25,000	140
145				6.9	125.8	27,200	25.0	156.0	25,500	34.4	168.0	23,700	145
150							17.6	142.7	24,200	29.4	159.8	22,500	150
154							7.3	123.6	23,200	24.6	151.5	21,600	154
155										23.4	149.4	21,400	155
160										15.2	134.6	20,300	160
163										6.3	117.8	19,700	163

MLC250 S-2

ASME B30.5



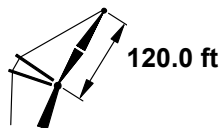
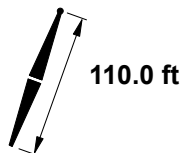
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	ft
42	75.7	234.0	104,300 b							42
45	74.2	233.2	101,800 b							45
50	71.7	231.6	95,000	73.6	232.5	100,300				50
55	69.2	229.7	88,700	71.1	230.9	93,700				55
60	66.6	227.6	83,100	68.6	229.0	87,700				60
61	66.0	227.1	82,100	68.0	228.5	86,600	71.0	230.1	93,200	61
65	63.9	225.3	78,100	66.0	226.8	82,200	68.9	228.6	87,200	65
70	61.2	222.6	73,400	63.3	224.4	77,200	66.3	226.5	79,200	70
73	59.6	220.8	70,900	61.7	222.7	74,500	64.7	225.0	75,100	73
75	58.4	219.6	69,300	60.6	221.6	72,700	63.7	224.1	72,400	75
80	55.6	216.3	65,500	57.8	218.6	68,600	61.0	221.4	66,600	80
85	52.6	212.6	62,100	54.9	215.2	63,800	58.2	218.4	61,600	85
90	49.5	208.5	58,900	51.9	211.4	59,200	55.3	215.0	57,200	90
92	48.2	206.6	57,100	50.6	209.7	57,600	54.1	213.5	55,600	92
95	46.3	203.8	54,300	48.8	207.1	55,200	52.3	211.3	53,300	95
100	42.8	198.6	50,200	45.5	202.4	51,700	49.2	207.1	49,900	100
105	39.1	192.8	46,600	42.0	197.1	48,500	46.0	202.4	46,800	105
110	35.1	186.0	43,500	38.2	191.0	45,600	42.5	197.2	44,000	110
115	30.6	178.1	40,800	34.1	184.0	42,900	38.8	191.2	41,400	115
120	25.5	168.4	38,500	29.5	175.7	40,500	34.7	184.4	39,100	120
125	19.0	155.8	36,900	24.1	165.5	38,300	30.2	176.3	37,000	125
127	14.7	147.2	35,700	21.3	160.0	37,500	28.1	172.4	36,200	127
130	8.4	134.2	33,900	17.1	151.8	36,300	24.9	166.5	35,000	130
131	2.9	122.8	30,500	14.8	147.0	35,800	23.6	163.9	34,600	131
134				7.7	132.6	34,300	19.6	156.1	33,600	134
135							18.3	153.5	33,200	135
140							6.6	129.5	31,400	140
145										145
146										146
150										150
155										155
160										160
164										164
165										165
170										170
173										173

MLC250 S-2

ASME B30.5



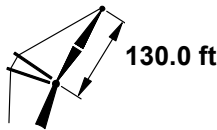
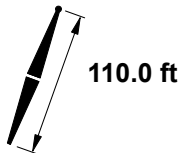
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
42													42
45													45
50													50
55													55
60													60
61													61
65													65
70													70
73	67.7	226.7	72,400										73
75	66.7	225.8	69,900										75
80	64.0	223.5	64,300										80
85	61.3	220.8	59,400										85
90	58.6	217.8	55,200										90
92	57.4	216.5	53,700	62.6	219.8	50,300							92
95	55.7	214.5	51,400	61.0	218.2	48,300							95
100	52.7	210.8	48,100	58.2	215.1	45,100							100
105	49.7	206.7	45,100	55.3	211.8	42,200							105
110	46.4	202.1	42,300	52.3	208.1	39,700	57.7	211.5	37,100				110
115	43.0	197.0	39,900	49.2	203.9	37,400	54.8	208.1	34,900				115
120	39.3	191.1	37,700	46.0	199.2	35,200	51.8	204.3	32,900				120
125	35.3	184.4	35,600	42.5	194.0	33,300	48.6	200.0	31,100				125
127	33.5	181.3	34,800	41.0	191.6	32,600	47.3	198.1	30,400	52.9	201.8	28,200	127
130	30.9	176.6	33,700	38.8	188.0	31,500	45.3	195.2	29,400	51.0	199.4	27,300	130
131	29.8	174.6	33,400	38.0	186.6	31,200	44.6	194.2	29,100	50.4	198.5	27,000	131
134	26.7	168.9	32,300	35.5	182.5	30,200	42.5	190.9	28,100	48.5	195.9	26,100	134
135	25.7	167.0	32,000	34.7	181.2	29,900	41.8	189.9	27,800	47.9	195.0	25,800	135
140	19.3	154.6	30,300	30.2	173.1	28,400	38.1	183.8	26,400	44.5	190.1	24,500	140
145	9.1	133.9	28,700	24.9	163.3	26,900	34.0	176.7	25,100	41.0	184.6	23,200	145
146	4.8	124.9	28,400	23.6	160.7	26,700	33.0	175.1	24,800	40.2	183.3	23,000	146
150				18.3	150.2	25,600	29.3	168.4	23,800	37.1	178.3	22,000	150
155				6.6	126.3	24,200	23.9	158.2	22,600	32.9	171.0	20,900	155
160							16.8	144.2	21,500	28.1	162.3	19,900	160
164							7.0	124.1	20,600	23.5	153.6	19,100	164
165										22.4	151.4	18,900	165
170										14.6	135.8	18,000	170
173										6.0	118.2	17,400	173

MLC250 S-2

ASME B30.5



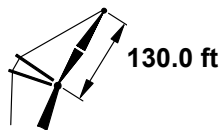
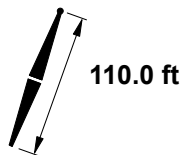
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
44	75.9	243.8	93,900 b						44	
45	75.5	243.5	93,600 b						45	
50	73.2	242.1	92,000						50	
52	72.2	241.4	89,800	74.0	242.4	94,800			52	
55	70.8	240.4	86,500	72.6	241.4	91,200			55	
60	68.5	238.5	81,200	70.3	239.7	85,500			60	
65	66.1	236.3	76,300	67.9	237.7	80,400	70.6	239.3	65	
70	63.6	233.9	71,900	65.5	235.5	75,600	68.3	237.4	70	
75	61.1	231.3	68,000	63.0	233.1	71,400	65.9	235.2	75	
77	60.1	230.1	66,500	62.0	232.0	69,800	64.9	234.2	77	
80	58.6	228.3	64,300	60.5	230.3	67,400	63.4	232.8	80	
85	55.9	225.0	60,900	58.0	227.3	63,500	60.9	230.1	85	
90	53.2	221.4	57,900	55.3	223.9	58,900	58.3	227.1	90	
95	50.4	217.3	53,900	52.6	220.2	54,900	55.7	223.7	95	
96	49.8	216.5	53,100	52.0	219.3	54,200	55.1	223.0	96	
100	47.4	212.9	49,900	49.7	216.1	51,400	53.0	220.1	100	
105	44.3	207.9	46,300	46.7	211.5	48,200	50.1	216.0	105	
110	41.0	202.4	43,100	43.6	206.4	45,300	47.2	211.5	110	
115	37.5	196.2	40,200	40.2	200.7	42,700	44.0	206.5	115	
120	33.7	189.0	37,800	36.6	194.3	40,300	40.7	200.9	120	
125	29.4	180.7	35,600	32.7	186.9	38,100	37.2	194.6	125	
130	24.4	170.6	33,800	28.3	178.2	36,100	33.3	187.4	130	
133	20.7	162.7	33,100	25.2	171.8	35,000	30.7	182.3	133	
135	18.2	157.4	32,600	23.1	167.6	34,200	29.0	178.9	135	
140	8.0	134.9	30,000	16.4	153.2	32,500	23.9	168.6	140	
141	2.8	123.0	27,000	14.1	148.2	32,000	22.6	165.9	141	
144				7.4	133.2	30,400	18.8	157.7	144	
145							17.5	155.0	145	
150							6.3	130.0	150	
155									155	
156									156	
160									160	
165									165	
170									170	
174									174	
175									175	
180									180	
183									183	

MLC250 S-2

ASME B30.5



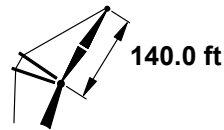
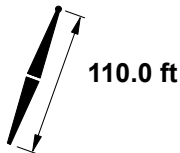
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
44													44
45													45
50													50
52													52
55													55
60													60
65													65
70													70
75													75
77	67.6	235.8	67,200										77
80	66.2	234.5	63,900										80
85	63.7	232.1	59,100										85
90	61.2	229.5	54,800										90
95	58.7	226.5	51,100										95
96	58.2	225.8	50,400	62.9	229.0	47,200							96
100	56.0	223.2	47,700	60.9	226.8	44,700							100
105	53.3	219.6	44,700	58.3	223.8	41,900							105
110	50.5	215.6	42,000	55.7	220.5	39,300							110
115	47.6	211.2	39,600	53.0	216.8	37,000	57.9	220.2	34,500				115
120	44.5	206.3	37,300	50.1	212.8	34,900	55.2	216.8	32,500				120
125	41.2	200.8	35,300	47.2	208.3	33,000	52.4	213.1	30,700				125
130	37.7	194.6	33,400	44.0	203.3	31,200	49.6	208.9	29,000				130
133	35.4	190.3	32,400	42.1	199.9	30,200	47.8	206.2	28,100	52.9	209.8	26,000	133
135	33.9	187.5	31,700	40.7	197.7	29,600	46.6	204.3	27,500	51.8	208.2	25,400	135
140	29.6	179.2	30,100	37.2	191.4	28,000	43.5	199.3	26,000	48.9	204.0	24,100	140
141	28.6	177.2	29,800	36.4	189.9	27,800	42.8	198.1	25,800	48.3	203.1	23,800	141
144	25.6	171.2	28,900	34.1	185.6	26,900	40.8	194.7	25,000	46.5	200.2	23,100	144
145	24.7	169.2	28,600	33.3	184.2	26,600	40.1	193.5	24,700	45.9	199.3	22,800	145
150	18.5	156.2	27,200	29.0	175.7	25,300	36.5	187.1	23,500	42.7	194.1	21,700	150
155	8.8	134.6	25,800	23.9	165.4	24,100	32.6	179.7	22,300	39.3	188.2	20,600	155
156	4.6	125.3	25,500	22.6	162.7	23,900	31.7	177.9	22,100	38.5	186.9	20,400	156
160				17.5	151.8	22,900	28.1	170.9	21,200	35.6	181.5	19,600	160
165				6.3	126.8	21,700	22.9	160.2	20,200	31.5	173.8	18,600	165
170							16.1	145.6	19,200	26.9	164.7	17,700	170
174							6.7	124.7	18,400	22.5	155.5	17,000	174
175										21.4	153.3	16,800	175
180										14.0	137.0	16,000	180
183										5.8	118.7	15,500	183

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ASME B30.5



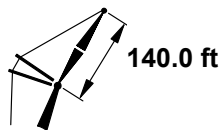
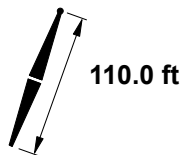
	88°			86°			83°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
47	75.7	253.4	84,900						47	
50	74.4	252.5	83,500						50	
55	72.3	251.0	82,100	73.9	251.9	88,100			55	
60	70.1	249.2	78,800	71.7	250.3	82,900			60	
65	67.9	247.3	74,300	69.6	248.5	78,100			65	
68	66.5	245.9	71,800	68.2	247.3	75,400	70.8	248.8	80,700	
70	65.6	245.0	70,100	67.4	246.5	73,600	69.9	248.1	78,400	
75	63.4	242.6	66,200	65.1	244.2	69,500	67.7	246.1	71,600	
80	61.0	239.9	62,700	62.8	241.7	65,800	65.4	243.9	65,800	
85	58.7	236.9	59,500	60.5	239.0	62,300	63.2	241.4	60,800	
90	56.2	233.7	56,500	58.1	235.9	58,500	60.8	238.7	56,400	
95	53.7	230.1	53,400	55.6	232.6	54,500	58.5	235.7	52,500	
100	51.1	226.2	49,700	53.1	228.9	51,000	56.0	232.4	49,100	
101	50.6	225.3	49,000	52.6	228.1	50,300	55.5	231.7	48,500	
105	48.4	221.9	46,200	50.5	224.9	47,800	53.5	228.8	46,000	
110	45.6	217.1	43,000	47.8	220.5	44,900	50.9	224.9	43,200	
115	42.6	211.9	40,100	44.9	215.7	42,300	48.2	220.5	40,700	
120	39.5	206.0	37,600	41.9	210.3	39,900	45.3	215.7	38,400	
125	36.1	199.4	35,300	38.7	204.3	37,800	42.3	210.4	36,300	
130	32.4	191.9	33,300	35.2	197.5	35,800	39.2	204.5	34,400	
135	28.3	183.2	31,600	31.5	189.7	33,900	35.8	197.9	32,600	
139	24.4	174.8	30,400	28.1	182.5	32,500	32.8	191.8	31,300	
140	23.5	172.7	30,100	27.2	180.7	32,200	32.0	190.3	30,900	
145	17.5	158.9	29,100	22.2	169.5	30,600	27.9	181.4	29,400	
150	7.7	135.5	26,500	15.8	154.6	29,100	23.0	170.6	28,000	
151	2.6	123.2	23,900	13.6	149.4	28,500	21.8	167.8	27,700	
154				7.1	133.8	26,900	18.1	159.3	26,900	
155							16.9	156.4	26,600	
160							6.0	130.5	25,300	
165									165	
166									166	
170									170	
175									175	
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184									184	
185									185	
190									190	
193									193	

MLC250 S-2

ASME B30.5



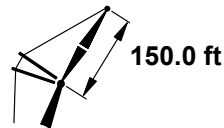
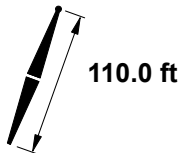
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
47													47
50													50
55													55
60													60
65													65
68													68
70													70
75													75
80	68.0	245.4	63,400										80
85	65.8	243.2	58,600										85
90	63.5	240.8	54,300										90
95	61.2	238.1	50,600										95
100	58.8	235.2	47,200										100
101	58.3	234.5	46,600	62.7	237.7	43,600							101
105	56.3	231.9	44,200	60.8	235.5	41,300							105
110	53.8	228.4	41,500	58.5	232.5	38,800							110
115	51.2	224.5	39,100	56.0	229.2	36,500							115
120	48.5	220.2	36,900	53.5	225.6	34,400	58.0	228.8	31,900				120
125	45.7	215.4	34,900	50.9	221.6	32,500	55.6	225.5	30,100				125
130	42.8	210.2	33,000	48.2	217.3	30,700	53.0	221.8	28,500				130
135	39.6	204.4	31,300	45.3	212.5	29,100	50.4	217.8	26,900				135
139	36.9	199.1	30,000	42.9	208.3	27,900	48.2	214.3	25,800	52.9	217.8	23,800	139
140	36.2	197.8	29,700	42.3	207.2	27,600	47.7	213.4	25,500	52.4	217.0	23,500	140
145	32.6	190.4	28,200	39.2	201.3	26,200	44.8	208.5	24,200	49.7	212.9	22,300	145
150	28.5	181.7	26,800	35.8	194.6	24,900	41.8	203.1	23,000	47.0	208.4	21,100	150
151	27.5	179.6	26,500	35.0	193.1	24,600	41.1	201.9	22,700	46.4	207.4	20,900	151
154	24.7	173.4	25,800	32.8	188.5	23,900	39.2	198.3	22,100	44.7	204.4	20,300	154
155	23.7	171.3	25,500	32.0	187.0	23,700	38.6	197.1	21,800	44.1	203.4	20,000	155
160	17.8	157.7	24,300	27.9	178.2	22,500	35.1	190.3	20,800	41.0	197.8	19,000	160
165	8.4	135.3	23,100	23.0	167.4	21,400	31.3	182.5	19,700	37.8	191.6	18,100	165
166	4.4	125.6	22,800	21.8	164.6	21,200	30.5	180.6	19,600	37.1	190.2	17,900	166
170				16.9	153.2	20,400	27.1	173.3	18,800	34.2	184.6	17,200	170
175				6.1	127.3	19,400	22.0	162.1	17,900	30.3	176.5	16,400	175
180							15.5	146.9	17,000	25.9	167.0	15,600	180
184							6.4	125.2	16,300	21.7	157.4	14,900	184
185										20.6	155.1	14,800	185
190										13.4	138.2	14,000	190
193										5.5	119.1	13,600	193

MLC250 S-2

ASME B30.5



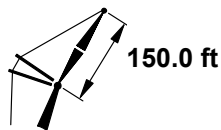
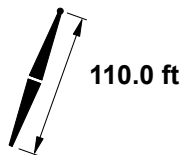
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
49	75.9	263.2	76,200							49
50	75.5	262.9	76,000							50
55	73.5	261.5	75,400							55
58	72.3	260.5	74,400	73.8	261.4	82,300				58
60	71.5	259.8	73,800	73.0	260.8	80,400				60
65	69.4	258.0	72,300	71.0	259.2	76,000				65
70	67.4	256.0	68,400	69.0	257.3	71,800				70
71	67.0	255.5	67,600	68.5	256.9	71,000	70.9	258.4	75,900	71
75	65.3	253.8	64,700	66.9	255.2	67,900	69.3	256.9	71,400	75
80	63.2	251.3	61,400	64.8	252.9	64,400	67.2	254.9	65,700	80
84	61.4	249.1	58,800	63.1	250.9	61,700	65.5	253.0	61,600	84
85	61.0	248.6	58,200	62.6	250.4	61,000	65.1	252.6	60,600	85
90	58.8	245.6	55,400	60.5	247.6	57,900	63.0	250.1	56,200	90
95	56.5	242.4	52,600	58.2	244.6	54,400	60.8	247.4	52,400	95
100	54.1	238.9	49,000	55.9	241.3	50,800	58.6	244.4	48,900	100
105	51.7	235.0	45,700	53.6	237.7	47,600	56.3	241.1	45,800	105
110	49.2	230.8	42,700	51.2	233.8	44,800	53.9	237.6	43,100	110
115	46.7	226.2	39,900	48.6	229.5	42,200	51.5	233.7	40,500	115
120	43.9	221.2	37,300	46.0	224.8	39,800	49.0	229.5	38,300	120
125	41.1	215.6	35,000	43.3	219.7	37,600	46.4	224.8	36,200	125
126	40.5	214.4	34,600	42.7	218.5	37,200	45.9	223.8	35,800	126
130	38.1	209.5	33,000	40.4	214.0	35,600	43.7	219.8	34,200	130
135	34.8	202.6	31,100	37.3	207.7	33,800	40.8	214.2	32,500	135
140	31.3	194.7	29,500	34.0	200.6	32,100	37.8	207.9	30,800	140
145	27.3	185.6	28,100	30.4	192.5	30,500	34.5	201.0	29,300	145
150	22.7	174.7	26,900	26.3	183.0	29,000	30.9	193.0	27,900	150
155	16.9	160.4	26,100	21.5	171.4	27,700	26.9	183.8	26,500	155
160	7.4	136.1	23,700	15.2	155.9	26,400	22.2	172.6	25,300	160
161	2.5	123.3	21,400	13.1	150.5	25,800	21.0	169.6	25,000	161
164				6.9	134.4	24,100	17.5	160.8	24,300	164
165							16.3	157.9	24,100	165
170							5.8	131.0	22,900	170
175										175
176										176
180										180
185										185
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194										194
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203										203

MLC250 S-2

ASME B30.5



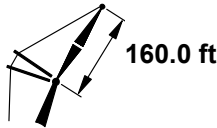
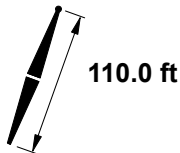
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
49													49
50													50
55													55
58													58
60													60
65													65
70													70
71													71
75													75
80													80
84	67.9	254.6	59,300										84
85	67.5	254.2	58,400										85
90	65.4	251.9	54,100										90
95	63.2	249.5	50,400										95
100	61.1	246.8	47,100										100
105	58.9	243.8	44,100	63.0	246.9	41,100							105
110	56.6	240.6	41,400	60.8	244.1	38,600							110
115	54.3	237.1	38,900	58.6	241.2	36,300							115
120	51.9	233.3	36,700	56.3	237.9	34,200							120
125	49.4	229.1	34,700	53.9	234.3	32,300							125
126	48.8	228.2	34,300	53.4	233.6	31,900	57.7	236.9	29,600				126
130	46.8	224.5	32,800	51.5	230.5	30,500	55.9	234.2	28,300				130
135	44.1	219.5	31,100	49.0	226.2	28,900	53.5	230.6	26,700				135
140	41.2	214.0	29,500	46.4	221.6	27,400	51.1	226.7	25,300				140
145	38.2	207.9	28,100	43.7	216.5	26,000	48.6	222.4	24,000	52.9	225.8	22,100	145
150	35.0	201.0	26,700	40.8	210.9	24,700	45.9	217.7	22,800	50.5	221.8	20,900	150
155	31.4	193.2	25,400	37.8	204.7	23,500	43.2	212.5	21,700	47.9	217.4	19,900	155
160	27.5	184.2	24,200	34.5	197.7	22,400	40.3	206.8	20,600	45.3	212.6	18,900	160
161	26.6	182.0	24,000	33.8	196.2	22,200	39.7	205.5	20,400	44.7	211.5	18,700	161
164	23.8	175.5	23,300	31.6	191.4	21,500	37.8	201.7	19,800	43.1	208.4	18,100	164
165	22.9	173.3	23,100	30.9	189.8	21,300	37.2	200.4	19,600	42.5	207.3	17,900	165
170	17.2	159.2	22,000	26.9	180.6	20,300	33.9	193.3	18,700	39.6	201.5	17,000	170
175	8.1	136.0	20,900	22.2	169.4	19,400	30.2	185.2	17,800	36.4	194.9	16,200	175
176	4.3	126.0	20,700	21.0	166.4	19,200	29.4	183.3	17,600	35.7	193.5	16,100	176
180				16.3	154.6	18,500	26.1	175.6	16,900	33.0	187.6	15,400	180
185				5.8	127.8	17,500	21.3	164.0	16,100	29.3	179.2	14,700	185
190							14.9	148.2	15,300	25.0	169.2	14,000	190
194							6.2	125.7	14,700	20.9	159.3	13,400	194
195										19.9	156.8	13,300	195
200										13.0	139.3	12,600	200
203										5.3	119.6	12,200	203

MLC250 S-2

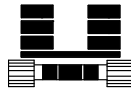
ASME B30.5



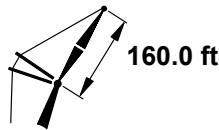
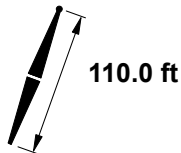
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
51	76.0	273.0	69,400							51
55	74.5	271.9	68,700							55
60	72.7	270.4	67,400							60
61	72.3	270.0	67,200	73.7	271.0	76,900				61
65	70.8	268.7	66,400	72.2	269.7	73,600				65
70	68.9	266.8	65,400	70.3	268.0	69,700				70
74	67.3	265.1	63,500	68.8	266.4	66,800	71.0	267.9	71,200	74
75	66.9	264.7	63,000	68.4	266.1	66,100	70.6	267.6	70,500	75
80	65.0	262.4	59,800	66.5	263.9	62,600	68.7	265.7	65,200	80
85	63.0	260.0	56,700	64.5	261.6	59,500	66.7	263.6	60,200	85
88	61.7	258.3	55,100	63.3	260.1	57,700	65.6	262.2	57,600	88
90	60.9	257.2	54,000	62.5	259.1	56,500	64.8	261.3	55,800	90
95	58.8	254.3	51,400	60.4	256.3	53,800	62.8	258.8	51,900	95
100	56.7	251.1	48,100	58.3	253.3	50,400	60.7	256.0	48,500	100
105	54.5	247.6	45,000	56.2	250.0	47,200	58.6	253.1	45,400	105
110	52.3	243.8	42,100	54.0	246.5	44,400	56.5	249.8	42,600	110
115	50.0	239.7	39,500	51.7	242.6	41,800	54.3	246.3	40,100	115
120	47.6	235.3	37,000	49.4	238.4	39,400	52.1	242.5	37,800	120
125	45.1	230.4	34,800	47.0	233.9	37,200	49.8	238.4	35,700	125
130	42.5	225.1	32,700	44.5	228.9	35,200	47.4	233.9	33,800	130
131	41.9	223.9	32,400	43.9	227.8	34,900	46.8	232.9	33,500	131
135	39.7	219.3	30,900	41.8	223.5	33,400	44.8	229.0	32,000	135
140	36.8	212.8	29,200	39.0	217.5	31,700	42.2	223.7	30,400	140
145	33.7	205.6	27,600	36.1	210.9	30,200	39.5	217.8	28,900	145
150	30.2	197.4	26,300	32.9	203.5	28,700	36.5	211.3	27,500	150
151	29.5	195.5	26,100	32.2	201.8	28,400	35.9	209.8	27,200	151
155	26.4	188.0	25,100	29.4	195.1	27,300	33.4	204.0	26,200	155
160	21.9	176.6	24,200	25.4	185.2	26,000	29.9	195.7	24,900	160
165	16.3	161.8	23,600	20.8	173.2	24,800	26.0	186.1	23,800	165
170	7.2	136.7	20,800	14.7	157.1	23,700	21.5	174.5	22,700	170
171	2.4	123.5	18,800	12.7	151.6	23,100	20.3	171.4	22,400	171
174				6.6	134.9	21,200	16.9	162.3	21,800	174
175							15.7	159.2	21,600	175
180							5.6	131.4	20,600	180
185										185
186										186
190										190
195										195
200										200
204										204
205										205
210										210
213										213

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



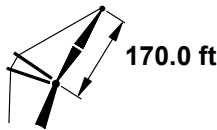
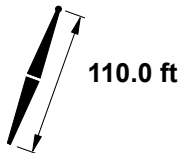
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
51													51
55													55
60													60
61													61
65													65
70													70
74													74
75													75
80													80
85													85
88	67.8	263.8	55,300										88
90	67.0	262.9	53,600										90
95	65.0	260.6	49,900										95
100	63.0	258.2	46,600										100
105	61.0	255.4	43,600										105
110	58.9	252.5	40,900	62.8	255.5	38,100							110
115	56.8	249.3	38,500	60.7	252.8	35,800							115
120	54.6	245.8	36,300	58.7	249.8	33,700							120
125	52.4	242.1	34,200	56.5	246.6	31,800							125
130	50.1	238.0	32,400	54.3	243.1	30,000							130
131	49.6	237.1	32,000	53.9	242.3	29,700	57.8	245.5	27,400				131
135	47.7	233.6	30,700	52.1	239.3	28,400	56.1	242.9	26,200				135
140	45.2	228.7	29,100	49.8	235.1	26,900	53.9	239.3	24,800				140
145	42.6	223.4	27,600	47.4	230.7	25,500	51.7	235.5	23,500				145
150	39.8	217.6	26,300	44.8	225.8	24,300	49.3	231.3	22,300				150
151	39.3	216.3	26,000	44.3	224.7	24,000	48.8	230.4	22,100	52.9	233.8	20,100	151
155	36.9	211.2	25,000	42.2	220.4	23,100	46.9	226.7	21,200	51.1	230.6	19,300	155
160	33.8	204.0	23,800	39.5	214.5	21,900	44.4	221.8	20,100	48.8	226.4	18,300	160
165	30.4	195.9	22,700	36.5	208.0	20,900	41.7	216.3	19,100	46.3	221.7	17,400	165
170	26.6	186.5	21,600	33.4	200.7	19,900	38.9	210.3	18,200	43.8	216.6	16,500	170
171	25.7	184.3	21,400	32.7	199.1	19,700	38.3	209.0	18,000	43.2	215.5	16,300	171
174	23.0	177.5	20,800	30.6	194.1	19,100	36.6	205.0	17,500	41.6	212.2	15,900	174
175	22.2	175.2	20,600	29.9	192.5	19,000	36.0	203.7	17,300	41.1	211.1	15,700	175
180	16.6	160.7	19,700	26.0	182.9	18,100	32.8	196.3	16,500	38.2	204.9	14,900	180
185	7.8	136.7	18,700	21.5	171.3	17,200	29.2	187.8	15,700	35.2	198.1	14,200	185
186	4.1	126.3	18,500	20.3	168.2	17,100	28.4	185.8	15,500	34.6	196.6	14,000	186
190				15.7	156.0	16,400	25.3	177.9	14,900	31.9	190.5	13,500	190
195				5.6	128.2	15,600	20.6	165.8	14,200	28.3	181.7	12,800	195
200							14.5	149.4	13,500	24.2	171.3	12,200	200
204							6.0	126.2	12,900	20.2	161.1	11,700	204
205										19.3	158.5	11,600	205
210										12.5	140.4	10,900	210
213										5.1	120.0	10,500	213

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



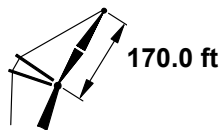
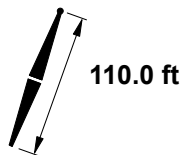
ft	88°			86°			83°			ft
	ft	lb	ft	ft	lb	ft	lb	ft		
54	75.8	282.5	62,800						54	
55	75.5	282.3	62,600						55	
60	73.7	280.9	61,900						60	
63	72.7	279.9	61,200	74.0	280.8	71,300			63	
65	72.0	279.3	60,800	73.3	280.2	71,200			65	
70	70.2	277.5	60,000	71.5	278.6	67,800			70	
75	68.4	275.6	59,100	69.7	276.8	64,400			75	
78	67.3	274.3	58,700	68.7	275.6	62,400	70.7	277.1	66,400	78
80	66.5	273.5	58,400	67.9	274.8	61,100	70.0	276.4	64,800	80
85	64.7	271.1	55,500	66.1	272.6	58,200	68.2	274.4	59,800	85
90	62.8	268.6	52,800	64.2	270.3	55,300	66.4	272.3	55,400	90
92	62.0	267.5	51,700	63.5	269.3	54,300	65.6	271.4	53,900	92
95	60.9	265.9	50,000	62.3	267.7	52,800	64.5	270.0	51,600	95
100	58.9	262.9	47,000	60.4	264.9	50,100	62.6	267.4	48,100	100
105	56.9	259.8	44,200	58.4	261.9	46,900	60.7	264.7	45,000	105
110	54.9	256.3	41,500	56.4	258.7	44,000	58.7	261.7	42,300	110
114	53.2	253.3	39,500	54.8	255.9	41,900	57.1	259.1	40,300	114
115	52.8	252.6	39,100	54.4	255.2	41,400	56.7	258.5	39,800	115
120	50.6	248.6	36,700	52.3	251.4	39,100	54.7	255.0	37,500	120
125	48.4	244.2	34,600	50.1	247.3	36,900	52.6	251.3	35,400	125
130	46.1	239.5	32,600	47.8	242.9	34,900	50.4	247.3	33,500	130
135	43.6	234.4	30,700	45.5	238.1	33,100	48.2	242.9	31,700	135
136	43.1	233.3	30,300	45.0	237.1	32,800	47.7	241.9	31,400	136
140	41.1	228.9	29,000	43.1	232.9	31,400	45.8	238.1	30,100	140
145	38.5	222.8	27,500	40.5	227.2	29,800	43.4	233.0	28,600	145
150	35.6	216.0	26,100	37.8	221.0	28,400	40.9	227.4	27,200	150
155	32.6	208.5	24,800	35.0	214.1	27,000	38.2	221.3	25,800	155
157	31.3	205.1	24,400	33.7	211.0	26,500	37.1	218.5	25,300	157
160	29.3	200.1	23,700	31.9	206.4	25,800	35.4	214.5	24,600	160
165	25.6	190.2	22,800	28.5	197.6	24,600	32.3	206.9	23,500	165
170	21.3	178.4	22,000	24.6	187.4	23,400	29.0	198.3	22,400	170
175	15.8	163.1	21,400	20.1	175.0	22,400	25.2	188.3	21,300	175
180	6.9	137.3	18,300	14.3	158.4	21,300	20.8	176.3	20,400	180
181	2.3	123.6	16,500	12.3	152.6	20,700	19.7	173.1	20,200	181
184				6.4	135.4	18,700	16.4	163.7	19,600	184
185							15.2	160.5	19,400	185
190							5.4	131.9	18,500	190
196										196
200										200
205										205
210										210
214										214
220										220
223										223

MLC250 S-2

ASME B30.5



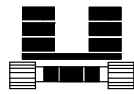
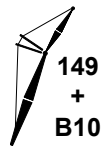
184,600 lb
+
44,000 lb



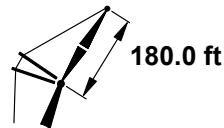
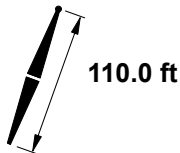
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
54													54
55													55
60													60
63													63
65													65
70													70
75													75
78													78
80													80
85													85
90													90
92	67.7	272.9	51,700										92
95	66.6	271.6	49,500										95
100	64.8	269.3	46,200										100
105	62.9	266.8	43,200										105
110	61.0	264.1	40,500										110
114	59.4	261.7	38,600	63.0	264.7	35,800							114
115	59.0	261.2	38,100	62.6	264.2	35,400							115
120	57.0	258.0	35,900	60.7	261.5	33,300							120
125	55.0	254.6	33,900	58.7	258.5	31,400							125
130	52.9	250.9	32,000	56.7	255.3	29,600							130
135	50.7	246.9	30,300	54.7	251.8	28,000							135
136	50.3	246.0	30,000	54.3	251.1	27,700	58.0	254.2	25,500				136
140	48.5	242.5	28,700	52.6	248.1	26,500	56.4	251.6	24,400				140
145	46.2	237.8	27,300	50.4	244.0	25,200	54.3	248.1	23,100				145
150	43.8	232.8	25,900	48.2	239.7	23,900	52.2	244.3	21,900				150
155	41.2	227.2	24,700	45.8	234.9	22,700	50.0	240.2	20,800				155
157	40.2	224.8	24,200	44.9	232.9	22,200	49.1	238.4	20,300	52.9	241.8	18,500	157
160	38.6	221.2	23,500	43.4	229.8	21,600	47.8	235.7	19,700	51.7	239.5	17,900	160
165	35.8	214.5	22,400	40.9	224.2	20,500	45.4	230.9	18,700	49.5	235.3	17,000	165
170	32.8	207.0	21,300	38.2	218.0	19,500	43.0	225.7	17,800	47.2	230.8	16,100	170
175	29.4	198.6	20,300	35.4	211.2	18,600	40.4	220.0	16,900	44.8	225.9	15,300	175
180	25.8	188.8	19,400	32.3	203.6	17,700	37.7	213.8	16,100	42.4	220.5	14,500	180
181	24.9	186.5	19,200	31.7	201.9	17,600	37.1	212.4	16,000	41.9	219.4	14,400	181
184	22.3	179.5	18,700	29.6	196.8	17,100	35.4	208.2	15,500	40.3	215.9	13,900	184
185	21.5	177.1	18,500	29.0	195.1	16,900	34.8	206.8	15,300	39.8	214.7	13,800	185
190	16.1	162.1	17,600	25.2	185.1	16,100	31.7	199.1	14,600	37.0	208.3	13,100	190
196	4.0	126.6	16,600	19.2	168.4	15,200	27.4	187.7	13,800	33.4	199.3	12,300	196
200				15.3	157.3	14,600	24.5	180.0	13,200	30.9	193.2	11,800	200
205				5.4	128.7	13,900	19.9	167.5	12,600	27.4	184.1	11,200	205
210							14.0	150.7	11,900	23.5	173.4	10,600	210
214							5.8	126.6	11,400	18.9	160.6	10,200	214
220										12.1	141.4	9,500	220
223										5.0	120.4	9,200	223

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



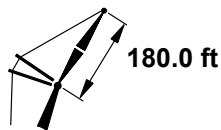
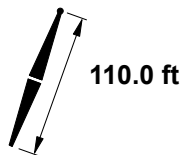
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
56	76.0	292.4	56,700							56
60	74.6	291.3	56,500							60
65	73.0	289.8	55,800							65
66	72.6	289.5	55,600	73.9	290.4	64,200				66
70	71.3	288.1	54,900	72.6	289.1	63,900				70
75	69.6	286.3	54,200	70.9	287.4	62,400				75
80	67.9	284.3	53,500	69.2	285.6	59,400				80
81	67.6	283.9	53,300	68.9	285.2	58,800	70.8	286.7	61,500	81
85	66.2	282.2	52,800	67.5	283.6	56,500	69.5	285.2	59,400	85
90	64.4	279.8	50,900	65.8	281.4	53,900	67.8	283.2	55,000	90
95	62.6	277.3	48,300	64.0	279.0	51,400	66.0	281.0	51,100	95
100	60.8	274.6	45,700	62.2	276.4	49,000	64.3	278.7	47,700	100
105	59.0	271.6	43,200	60.4	273.6	46,500	62.5	276.1	44,600	105
110	57.1	268.4	40,800	58.5	270.6	43,600	60.7	273.3	41,800	110
115	55.2	265.0	38,500	56.6	267.4	41,000	58.8	270.4	39,300	115
119	53.6	262.1	36,600	55.1	264.6	39,100	57.3	267.8	37,500	119
120	53.2	261.4	36,200	54.7	263.9	38,700	56.9	267.2	37,000	120
125	51.2	257.4	34,100	52.7	260.2	36,500	55.0	263.8	34,900	125
130	49.1	253.2	32,200	50.7	256.2	34,500	53.0	260.1	33,000	130
135	46.9	248.6	30,400	48.6	251.9	32,700	51.0	256.1	31,300	135
140	44.7	243.7	28,800	46.4	247.2	31,000	48.9	251.8	29,600	140
142	43.7	241.5	28,200	45.5	245.2	30,400	48.0	250.0	29,000	142
145	42.3	238.3	27,300	44.1	242.2	29,400	46.7	247.2	28,100	145
150	39.9	232.5	25,900	41.8	236.7	28,000	44.5	242.3	26,700	150
155	37.3	226.2	24,600	39.3	230.8	26,600	42.1	236.9	25,400	155
160	34.6	219.2	23,400	36.7	224.3	25,400	39.7	231.0	24,200	160
163	32.8	214.5	22,800	35.0	220.0	24,700	38.1	227.2	23,500	163
165	31.7	211.4	22,400	33.9	217.1	24,200	37.1	224.6	23,100	165
170	28.4	202.6	21,400	30.9	209.1	23,100	34.3	217.6	22,000	170
175	24.8	192.4	20,600	27.6	200.1	22,000	31.4	209.7	21,000	175
180	20.6	180.3	20,000	23.9	189.5	21,000	28.1	200.8	20,000	180
185	15.4	164.5	19,200	19.5	176.7	20,100	24.5	190.5	19,100	185
190	6.7	137.8	16,000	13.8	159.6	19,100	20.2	178.1	18,200	190
191	2.3	123.8	14,300	11.9	153.7	18,400	19.1	174.8	18,000	191
194				6.2	136.0	16,300	15.9	165.1	17,500	194
195							14.8	161.8	17,400	195
200							5.3	132.3	16,500	200
206										206
210										210
215										215
220										220
224										224
230										230
233										233

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



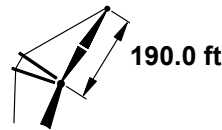
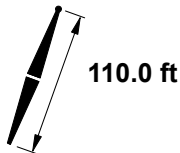
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
56													56
60													60
65													65
66													66
70													70
75													75
80													80
81													81
85													85
90													90
95	68.0	282.5	49,000										95
100	66.3	280.4	45,700										100
105	64.5	278.0	42,700										105
110	62.7	275.5	40,000										110
115	60.9	272.8	37,600										115
119	59.4	270.4	35,900	62.8	273.4	33,200							119
120	59.1	269.8	35,400	62.5	272.9	32,800							120
125	57.2	266.7	33,400	60.7	270.1	30,900							125
130	55.2	263.3	31,600	58.8	267.1	29,100							130
135	53.3	259.6	29,900	56.9	264.0	27,500							135
140	51.3	255.7	28,300	55.0	260.5	26,000							140
142	50.4	254.0	27,700	54.2	259.0	25,500	57.7	262.2	23,300				142
145	49.2	251.5	26,800	53.0	256.8	24,700	56.6	260.3	22,500				145
150	47.0	246.9	25,500	51.0	252.9	23,400	54.6	256.8	21,300				150
155	44.8	242.0	24,200	48.9	248.6	22,200	52.6	253.1	20,200				155
160	42.5	236.7	23,000	46.7	244.0	21,100	50.6	249.0	19,200				160
163	41.0	233.2	22,400	45.4	241.0	20,500	49.3	246.4	18,600	53.0	249.8	16,800	163
165	40.0	230.9	21,900	44.5	239.0	20,000	48.5	244.7	18,200	52.2	248.3	16,400	165
170	37.5	224.6	20,900	42.1	233.6	19,100	46.3	240.1	17,300	50.1	244.2	15,600	170
175	34.7	217.6	19,900	39.7	227.8	18,100	44.1	235.0	16,400	48.0	239.8	14,800	175
180	31.8	209.8	19,000	37.1	221.4	17,300	41.7	229.6	15,600	45.8	235.0	14,000	180
185	28.6	201.1	18,100	34.3	214.3	16,500	39.2	223.6	14,800	43.5	229.9	13,300	185
190	25.0	191.0	17,300	31.4	206.5	15,700	36.6	217.1	14,100	41.1	224.3	12,600	190
191	24.2	188.6	17,100	30.7	204.7	15,500	36.1	215.6	14,000	40.6	223.1	12,400	191
194	21.7	181.4	16,600	28.8	199.3	15,100	34.4	211.3	13,500	39.1	219.4	12,100	194
195	20.8	179.0	16,500	28.1	197.6	14,900	33.8	209.9	13,400	38.6	218.2	11,900	195
200	15.6	163.4	15,700	24.5	187.3	14,200	30.8	201.9	12,700	36.0	211.6	11,300	200
206	3.8	126.9	14,700	18.7	170.1	13,400	26.6	190.0	12,000	32.4	202.2	10,600	206
210				14.8	158.6	12,900	23.8	182.1	11,500	30.0	195.9	10,200	210
215				5.3	129.1	12,200	19.4	169.2	10,900	26.6	186.5	9,600	215
220							13.6	151.8	10,300	22.8	175.4	9,100	220
224							5.6	127.1	9,900	18.4	162.2	8,700	224
230										11.8	142.4	8,000	230
233										4.8	120.8	7,700	233

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



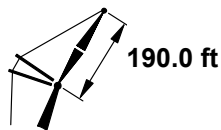
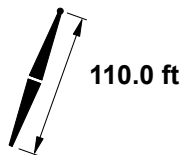
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
59	75.8	301.9	50,900							59
60	75.5	301.6	50,800							60
65	73.9	300.2	50,400							65
69	72.6	299.0	50,200	73.9	299.9	57,500				69
70	72.3	298.7	50,100	73.5	299.6	57,400				70
75	70.7	297.0	49,300	72.0	298.0	57,000				75
80	69.1	295.1	48,700	70.4	296.3	56,700				80
84	67.8	293.5	48,300	69.1	294.7	55,300	70.9	296.2	55,000	84
85	67.5	293.1	48,100	68.8	294.4	54,900	70.6	295.9	54,900	85
90	65.9	290.9	47,600	67.1	292.3	52,400	69.0	294.0	54,800	90
95	64.2	288.5	46,800	65.5	290.1	50,000	67.4	291.9	50,900	95
99	62.8	286.5	44,900	64.1	288.1	48,300	66.0	290.2	48,100	99
100	62.5	286.0	44,400	63.8	287.7	47,800	65.7	289.7	47,400	100
105	60.8	283.2	42,200	62.1	285.1	45,700	64.0	287.3	44,400	105
110	59.0	280.3	40,000	60.4	282.3	43,400	62.3	284.8	41,600	110
115	57.2	277.1	37,900	58.6	279.3	40,800	60.6	282.0	39,100	115
120	55.4	273.7	35,900	56.8	276.1	38,400	58.9	279.0	36,800	120
123	54.3	271.6	34,700	55.7	274.0	37,100	57.8	277.1	35,600	123
125	53.6	270.1	34,000	55.0	272.6	36,300	57.1	275.9	34,700	125
130	51.7	266.2	32,100	53.1	268.9	34,300	55.3	272.5	32,800	130
135	49.7	262.1	30,400	51.2	265.0	32,500	53.4	268.8	31,100	135
140	47.7	257.6	28,700	49.2	260.8	30,800	51.5	264.9	29,400	140
145	45.6	252.8	27,300	47.2	256.3	29,200	49.5	260.7	27,900	145
147	44.7	250.8	26,700	46.3	254.3	28,700	48.7	258.9	27,400	147
150	43.4	247.7	25,900	45.1	251.4	27,800	47.5	256.3	26,500	150
155	41.2	242.1	24,600	42.9	246.1	26,400	45.4	251.4	25,200	155
160	38.8	236.1	23,400	40.6	240.5	25,200	43.2	246.2	24,000	160
165	36.3	229.5	22,300	38.2	234.3	24,000	40.9	240.6	22,900	165
169	34.2	223.6	21,500	36.2	228.9	23,100	39.0	235.8	22,000	169
170	33.6	222.2	21,300	35.7	227.5	22,900	38.6	234.5	21,800	170
175	30.8	214.1	20,500	33.0	220.1	21,800	36.1	227.9	20,800	175
180	27.6	205.0	19,600	30.1	211.8	20,800	33.4	220.6	19,800	180
190	20.1	182.0	18,400	23.3	191.6	19,000	27.4	203.2	18,100	190
200	6.5	138.4	14,100	13.5	160.7	17,000	19.7	179.8	16,500	200
201	2.2	124.0	12,700	11.6	154.7	16,400	18.2	175.1	16,300	201
204				6.0	136.5	14,500	13.8	161.0	15,800	204
210							5.1	132.7	14,900	210
216										216
220										220
225										225
230										230
234										234
240										240
243										243

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



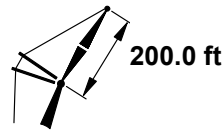
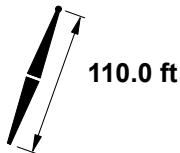
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
59													59
60													60
65													65
69													69
70													70
75													75
80													80
84													84
85													85
90													90
95													95
99	67.9	291.7	46,100										99
100	67.6	291.3	45,500										100
105	65.9	289.1	42,500										105
110	64.3	286.7	39,800										110
115	62.6	284.2	37,400										115
120	60.9	281.4	35,200										120
123	59.8	279.7	34,000	63.0	282.6	31,400							123
125	59.1	278.5	33,200	62.3	281.5	30,600							125
130	57.3	275.3	31,300	60.6	278.8	28,900							130
135	55.5	272.0	29,600	58.9	275.8	27,300							135
140	53.6	268.4	28,100	57.1	272.6	25,800							140
145	51.7	264.5	26,600	55.3	269.2	24,400							145
147	51.0	262.8	26,100	54.5	267.8	23,900	57.8	270.9	21,800				147
150	49.8	260.4	25,300	53.4	265.6	23,200	56.8	269.0	21,100				150
155	47.8	255.9	24,000	51.5	261.7	22,000	54.9	265.5	20,000				155
160	45.7	251.1	22,800	49.5	257.5	20,900	53.0	261.8	19,000				160
165	43.5	246.0	21,700	47.5	253.0	19,800	51.1	257.9	18,000				165
169	41.7	241.6	20,900	45.8	249.2	19,100	49.5	254.5	17,300	53.0	257.8	15,500	169
170	41.3	240.5	20,700	45.4	248.2	18,900	49.2	253.6	17,100	52.6	257.0	15,300	170
175	38.9	234.4	19,700	43.2	243.0	17,900	47.1	249.1	16,200	50.7	253.0	14,500	175
180	36.4	227.9	18,800	41.0	237.4	17,100	45.0	244.2	15,400	48.7	248.7	13,800	180
190	30.9	212.6	17,100	36.1	224.7	15,500	40.5	233.3	13,900	44.5	239.1	12,400	190
200	24.3	193.2	15,500	30.5	209.2	14,000	35.6	220.3	12,600	40.0	228.0	11,100	200
201	23.4	190.3	15,400	29.8	207.2	13,900	35.0	218.7	12,400	39.5	226.6	11,000	201
204	20.7	181.8	15,000	27.8	201.3	13,500	33.3	214.0	12,100	38.0	222.7	10,700	204
210	15.2	164.7	14,100	23.8	189.4	12,700	30.0	204.5	11,300	35.0	214.7	10,000	210
216	3.7	127.2	13,300	18.2	171.6	12,000	25.9	192.3	10,700	31.5	205.0	9,300	216
220				14.4	159.8	11,500	23.1	184.2	10,200	29.2	198.5	8,900	220
225				5.1	129.5	10,900	18.8	170.8	9,700	25.9	188.8	8,300	225
230							13.2	153.0	9,200	22.1	177.4	7,800	230
234							5.5	127.5	8,700	17.9	163.8	7,400	234
240										11.5	143.4	6,800	240
243										4.7	121.1	6,400	243

MLC250 S-2

ASME B30.5



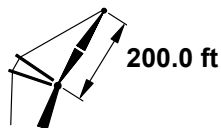
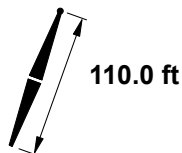
184,600 lb
+
44,000 lb



	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
61	75.9	311.7	46,100						61	
65	74.7	310.6	45,800						65	
70	73.2	309.2	45,400						70	
72	72.6	308.5	45,200	73.8	309.4	51,800			72	
75	71.7	307.6	45,000	72.9	308.5	51,600			75	
80	70.2	305.8	44,500	71.4	306.9	51,200			80	
85	68.7	303.9	44,100	69.9	305.1	50,900			85	
87	68.1	303.1	43,900	69.2	304.3	50,700	71.0	305.8	49,400	87
90	67.1	301.8	43,600	68.3	303.1	50,500	70.1	304.7	49,300	90
95	65.6	299.6	43,100	66.8	301.0	48,600	68.5	302.8	49,100	95
100	64.0	297.2	42,600	65.2	298.8	46,500	67.0	300.7	47,000	100
103	63.0	295.6	41,400	64.2	297.3	45,200	66.0	299.3	45,200	103
105	62.4	294.6	40,700	63.6	296.3	44,400	65.4	298.4	43,900	105
110	60.7	291.9	38,800	62.0	293.7	42,600	63.8	296.0	41,200	110
115	59.1	288.9	36,800	60.3	290.9	40,400	62.2	293.4	38,700	115
120	57.4	285.8	35,100	58.7	287.9	38,000	60.6	290.7	36,400	120
125	55.7	282.4	33,200	57.0	284.7	35,900	58.9	287.7	34,300	125
128	54.6	280.3	32,200	55.9	282.7	34,700	57.9	285.8	33,100	128
130	53.9	278.9	31,600	55.2	281.3	33,900	57.2	284.5	32,400	130
135	52.1	275.0	30,000	53.5	277.7	32,100	55.5	281.2	30,600	135
140	50.2	271.0	28,400	51.7	273.8	30,400	53.7	277.6	29,000	140
145	48.3	266.6	27,000	49.8	269.7	28,800	51.9	273.7	27,500	145
150	46.4	261.9	25,600	47.9	265.3	27,400	50.1	269.6	26,100	150
152	45.6	259.9	25,100	47.1	263.4	26,900	49.3	267.9	25,600	152
155	44.4	256.9	24,400	45.9	260.5	26,000	48.2	265.2	24,800	155
160	42.3	251.6	23,200	43.9	255.4	24,800	46.2	260.6	23,600	160
165	40.1	245.8	22,100	41.8	250.0	23,600	44.2	255.5	22,400	165
170	37.8	239.5	21,100	39.5	244.1	22,500	42.1	250.1	21,400	170
175	35.3	232.6	20,100	37.2	237.7	21,500	39.9	244.3	20,400	175
180	32.8	225.1	19,300	34.7	230.7	20,500	37.6	237.9	19,400	180
185	30.0	216.8	18,600	32.1	223.0	19,500	35.1	231.1	18,500	185
190	26.9	207.4	17,900	29.3	214.4	18,700	32.5	223.5	17,700	190
195	23.5	196.6	17,100	26.2	204.8	17,700	29.7	215.1	16,800	195
200	19.5	183.7	16,200	22.6	193.6	16,800	26.6	205.6	16,100	200
210	6.4	138.9	12,100	13.1	161.9	14,800	19.2	181.5	14,600	210
211	2.1	124.1	10,800	11.3	155.6	14,200	17.7	176.6	14,500	211
214				5.9	136.9	12,400	13.5	162.1	13,900	214
220							5.0	133.1	12,900	220
226										226
230										230
235										235
240										240
244										244
250										250

MLC250 S-2

ASME B30.5



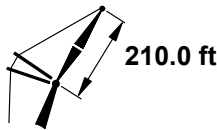
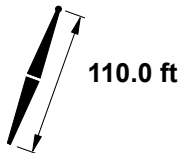
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
61													61
65													65
70													70
72													72
75													75
80													80
85													85
87													87
90													90
95													95
100													100
103	67.8	300.8	43,200										103
105	67.2	300.0	42,000										105
110	65.6	297.8	39,300										110
115	64.1	295.4	36,900										115
120	62.4	292.8	34,700										120
125	60.8	290.1	32,700										125
128	59.8	288.3	31,600	62.9	291.3	29,100							128
130	59.1	287.2	30,900	62.2	290.2	28,400							130
135	57.5	284.0	29,200	60.6	287.4	26,800							135
140	55.7	280.7	27,600	58.9	284.5	25,300							140
145	54.0	277.1	26,200	57.2	281.3	23,900							145
150	52.2	273.3	24,800	55.5	277.9	22,700							150
152	51.4	271.7	24,300	54.8	276.5	22,200	57.9	279.6	20,100				152
155	50.3	269.2	23,500	53.7	274.3	21,500	56.9	277.6	19,500				155
160	48.4	264.9	22,400	51.9	270.5	20,400	55.2	274.2	18,400				160
165	46.5	260.2	21,300	50.1	266.4	19,400	53.4	270.6	17,500				165
170	44.5	255.3	20,200	48.2	262.0	18,400	51.6	266.7	16,600				170
175	42.4	249.9	19,300	46.2	257.3	17,500	49.7	262.6	15,700	53.0	265.8	14,000	175
180	40.2	244.1	18,300	44.2	252.3	16,600	47.8	258.1	14,900	51.2	261.9	13,200	180
185	37.9	237.9	17,500	42.1	246.9	15,800	45.8	253.4	14,100	49.3	257.7	12,500	185
190	35.5	231.1	16,700	39.9	241.0	15,000	43.8	248.3	13,400	47.3	253.1	11,800	190
195	32.9	223.6	15,900	37.6	234.7	14,300	41.7	242.8	12,700	45.4	248.3	11,200	195
200	30.1	215.3	15,100	35.1	227.8	13,600	39.5	236.9	12,100	43.3	243.1	10,600	200
210	23.7	195.3	13,800	29.7	211.8	12,300	34.7	223.4	10,900	38.9	231.5	9,300	210
211	22.8	192.3	13,600	29.1	209.8	12,200	34.1	221.8	10,800	38.4	230.1	9,200	211
214	20.1	183.6	13,200	27.1	203.7	11,800	32.5	216.9	10,400	36.9	226.0	8,900	214
220	14.8	166.0	12,500	23.2	191.4	11,100	29.2	207.1	9,800	34.0	217.8	8,200	220
226	3.6	127.5	11,700	17.7	173.2	10,400	25.2	194.5	9,100	30.7	207.7	7,600	226
230				14.0	161.0	10,000	22.5	186.1	8,700	28.4	201.1	7,100	230
235				5.0	129.9	9,400	18.3	172.4	8,200	25.2	191.0	6,600	235
240							12.9	154.1	7,700	21.6	179.2	6,100	240
244							5.3	128.0	7,300	17.4	165.3	5,800	244
250										11.2	144.3	5,200	250

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



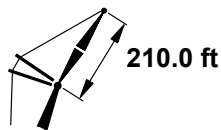
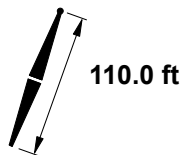
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
64	75.8	321.3	41,700							64
65	75.5	321.0	41,600							65
70	74.1	319.6	41,200							70
74	72.9	318.4	40,900	74.0	319.3	46,900				74
75	72.6	318.1	40,800	73.7	319.0	46,800				75
80	71.2	316.4	40,400	72.3	317.4	46,500				80
85	69.8	314.6	40,100	70.9	315.7	46,100				85
90	68.3	312.7	39,700	69.4	313.9	45,700				90
91	68.0	312.2	39,600	69.1	313.5	45,600	70.8	315.0	44,500	91
95	66.8	310.6	39,300	67.9	311.9	45,300	69.6	313.5	44,300	95
100	65.3	308.3	38,900	66.5	309.8	44,900	68.2	311.5	44,000	100
105	63.8	305.9	38,600	65.0	307.5	43,400	66.7	309.4	43,600	105
107	63.2	304.8	38,100	64.3	306.5	42,600	66.1	308.5	42,400	107
110	62.3	303.3	37,400	63.4	305.0	41,500	65.2	307.1	40,800	110
115	60.7	300.5	35,700	61.9	302.4	39,800	63.7	304.7	38,300	115
120	59.1	297.6	34,100	60.3	299.6	37,700	62.1	302.1	36,000	120
125	57.5	294.5	32,400	58.7	296.6	35,500	60.6	299.3	33,900	125
130	55.9	291.1	30,900	57.1	293.4	33,600	59.0	296.4	32,000	130
133	54.9	289.0	30,000	56.1	291.4	32,500	58.0	294.5	31,000	133
135	54.2	287.6	29,500	55.5	290.0	31,700	57.4	293.2	30,300	135
140	52.5	283.8	28,000	53.8	286.5	30,100	55.7	289.9	28,600	140
145	50.7	279.8	26,600	52.1	282.6	28,500	54.0	286.3	27,100	145
150	48.9	275.5	25,300	50.3	278.6	27,100	52.3	282.5	25,700	150
155	47.1	271.0	24,200	48.5	274.2	25,700	50.6	278.5	24,400	155
157	46.3	269.0	23,700	47.8	272.4	25,200	49.9	276.8	24,000	157
160	45.2	266.1	23,000	46.7	269.6	24,400	48.8	274.2	23,200	160
165	43.2	260.9	22,000	44.7	264.7	23,300	46.9	269.6	22,100	165
170	41.2	255.3	20,900	42.8	259.4	22,200	45.0	264.7	21,000	170
175	39.0	249.3	20,000	40.7	253.7	21,100	43.0	259.5	20,000	175
180	36.8	242.8	19,200	38.5	247.6	20,100	41.0	253.9	19,100	180
181	36.3	241.4	19,000	38.1	246.2	20,000	40.6	252.7	18,900	181
185	34.4	235.8	18,300	36.3	240.9	19,200	38.9	247.8	18,200	185
190	31.9	228.0	17,500	33.9	233.7	18,300	36.6	241.3	17,300	190
200	26.3	209.8	15,700	28.6	217.0	16,400	31.7	226.3	15,800	200
210	19.1	185.4	14,100	22.1	195.5	14,700	26.0	207.9	14,300	210
220	6.2	139.4	10,300	12.8	163.0	12,800	18.7	183.1	13,000	220
221	2.0	124.2	9,100	11.0	156.6	12,200	17.3	178.1	12,800	221
224				5.7	137.4	10,600	13.1	163.3	12,200	224
230							4.8	133.5	11,000	230
236										236
240										240
245										245
250										250
254										254

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



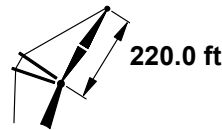
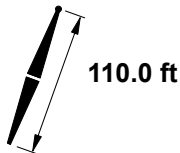
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
64													64
65													65
70													70
74													74
75													75
80													80
85													85
90													90
91													91
95													95
100													100
105													105
107	67.8	310.0	40,500										107
110	66.9	308.7	39,000										110
115	65.4	306.5	36,500										115
120	63.9	304.1	34,300										120
125	62.3	301.5	32,300										125
130	60.8	298.7	30,500										130
133	59.8	297.0	29,500	62.7	299.9	27,000							133
135	59.2	295.8	28,800	62.1	298.9	26,400							135
140	57.6	292.7	27,200	60.6	296.1	24,900							140
145	55.9	289.4	25,800	59.0	293.1	23,500							145
150	54.3	285.8	24,400	57.4	290.0	22,300							150
155	52.6	282.1	23,200	55.7	286.6	21,100							155
157	51.9	280.5	22,700	55.0	285.2	20,700	58.0	288.3	18,600				157
160	50.8	278.1	22,000	54.0	283.1	20,000	57.1	286.3	18,000				160
165	49.0	273.8	20,900	52.3	279.3	19,000	55.4	282.9	17,100				165
170	47.2	269.3	19,900	50.6	275.3	18,000	53.7	279.3	16,200				170
175	45.3	264.4	18,900	48.8	271.0	17,100	52.0	275.5	15,300				175
180	43.3	259.2	18,000	46.9	266.4	16,200	50.3	271.4	14,500				180
181	42.9	258.1	17,800	46.5	265.4	16,100	49.9	270.6	14,300	53.0	273.8	12,700	181
185	41.3	253.7	17,100	45.0	261.5	15,400	48.5	267.1	13,700	51.6	270.7	12,100	185
190	39.1	247.7	16,300	43.0	256.2	14,600	46.6	262.4	13,000	49.8	266.5	11,400	190
200	34.6	234.2	14,800	38.9	244.6	13,200	42.7	252.2	11,700	46.1	257.4	10,000	200
210	29.4	217.9	13,400	34.2	230.9	11,900	38.5	240.4	10,500	42.2	247.0	8,800	210
220	23.1	197.3	12,200	29.0	214.4	10,800	33.8	226.5	9,400	37.9	234.9	7,600	220
221	22.2	194.3	12,100	28.3	212.3	10,700	33.2	224.8	9,300	37.4	233.5	7,500	221
224	19.6	185.3	11,700	26.4	206.0	10,300	31.6	219.8	8,900	36.0	229.3	7,200	224
230	14.5	167.3	11,000	22.6	193.4	9,700	28.4	209.7	8,300	33.2	220.8	6,600	230
236	3.5	127.7	10,300	17.2	174.7	9,100	24.5	196.7	7,600	29.9	210.4	6,000	236
240				13.7	162.2	8,700	22.0	188.1	7,200	27.7	203.5	5,600	240
245				4.9	130.3	8,200	17.9	174.0	6,700	24.6	193.2	5,200	245
250							12.6	155.2	6,200				250
254							5.2	128.4	5,800				254

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



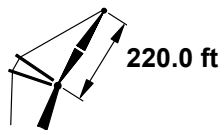
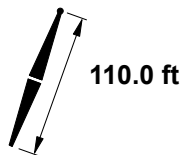
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
66	75.9	331.1	37,800						66	
70	74.8	330.0	37,500						70	
75	73.5	328.6	37,100						75	
77	72.9	327.9	37,000	74.0	328.8	42,400			77	
80	72.1	327.0	36,700	73.1	327.9	42,100			80	
85	70.7	325.3	36,300	71.8	326.3	41,800			85	
90	69.3	323.4	36,000	70.4	324.6	41,400			90	
94	68.2	321.8	35,700	69.3	323.0	41,000	70.9	324.5	40,100	94
95	67.9	321.4	35,600	69.0	322.7	41,000	70.6	324.1	40,000	95
100	66.5	319.3	35,200	67.6	320.6	40,600	69.2	322.3	39,700	100
105	65.1	317.0	34,900	66.2	318.5	40,200	67.8	320.3	39,500	105
110	63.6	314.6	34,500	64.7	316.2	39,800	66.4	318.1	39,200	110
115	62.2	312.0	34,200	63.3	313.7	38,600	64.9	315.8	37,800	115
120	60.7	309.2	32,800	61.8	311.0	37,100	63.5	313.4	35,600	120
125	59.2	306.3	31,400	60.3	308.2	35,100	62.0	310.8	33,500	125
130	57.6	303.1	30,000	58.8	305.3	33,100	60.5	308.0	31,600	130
135	56.1	299.8	28,700	57.3	302.1	31,300	59.0	305.0	29,800	135
137	55.4	298.4	28,200	56.6	300.8	30,700	58.4	303.8	29,200	137
140	54.5	296.3	27,400	55.7	298.7	29,600	57.5	301.9	28,200	140
145	52.8	292.6	26,200	54.1	295.2	28,100	55.9	298.6	26,700	145
150	51.2	288.6	24,900	52.5	291.4	26,600	54.3	295.0	25,300	150
155	49.5	284.4	23,800	50.8	287.4	25,300	52.7	291.3	24,000	155
160	47.7	280.0	22,700	49.1	283.1	24,000	51.0	287.3	22,800	160
163	46.7	277.1	22,100	48.0	280.4	23,300	50.0	284.8	22,100	163
165	45.9	275.2	21,700	47.3	278.6	22,900	49.3	283.1	21,700	165
170	44.1	270.2	20,700	45.5	273.8	21,800	47.6	278.6	20,600	170
175	42.2	264.8	19,800	43.7	268.7	20,700	45.8	273.9	19,600	175
180	40.2	259.0	19,000	41.7	263.2	19,700	43.9	268.8	18,600	180
185	38.1	252.8	18,000	39.7	257.3	18,800	42.0	263.3	17,700	185
187	37.2	250.1	17,600	38.9	254.8	18,400	41.2	261.0	17,400	187
190	35.9	246.1	17,000	37.6	251.0	17,700	40.0	257.5	16,900	190
195	33.6	238.8	16,100	35.4	244.1	16,800	37.9	251.3	16,100	195
200	31.2	230.8	15,200	33.1	236.7	15,800	35.7	244.5	15,300	200
205	28.5	222.0	14,300	30.6	228.5	15,000	33.4	237.1	14,600	205
210	25.6	212.0	13,600	27.9	219.5	14,100	30.9	229.1	13,900	210
220	18.6	187.0	12,100	21.6	197.4	12,600	25.4	210.1	12,600	220
230	6.1	139.9	8,600	12.5	164.0	10,900	18.2	184.7	11,400	230
231	2.0	124.4	7,400	10.8	157.5	10,400	17.3	181.1	11,300	231
234				5.6	137.9	8,900	14.3	170.2	11,000	234
235							13.3	166.6	10,900	235
240							4.7	133.9	9,300	240
246										246
250										250
255										255

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



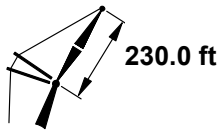
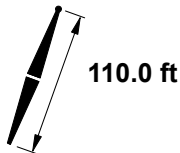
	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
66													66
70													70
75													75
77													77
80													80
85													85
90													90
94													94
95													95
100													100
105													105
110	68.0	319.6	38,500										110
115	66.6	317.5	36,100										115
120	65.1	315.2	33,900										120
125	63.7	312.8	31,900										125
130	62.2	310.2	30,000										130
135	60.7	307.4	28,300										135
137	60.1	306.2	27,700	62.9	309.1	25,300							137
140	59.2	304.5	26,800	62.0	307.5	24,400							140
145	57.7	301.4	25,300	60.5	304.8	23,000							145
150	56.1	298.1	24,000	59.0	301.8	21,800							150
155	54.5	294.6	22,700	57.5	298.7	20,600							155
160	52.9	290.9	21,600	55.9	295.3	19,500							160
163	51.9	288.5	20,900	55.0	293.2	18,900	57.8	296.3	16,900				163
165	51.3	286.9	20,500	54.3	291.8	18,500	57.2	295.0	16,500				165
170	49.6	282.7	19,400	52.7	288.1	17,500	55.6	291.6	15,600				170
175	47.8	278.3	18,500	51.0	284.1	16,600	54.0	288.1	14,800				175
180	46.0	273.6	17,500	49.3	279.9	15,700	52.4	284.3	14,000				180
185	44.2	268.5	16,700	47.6	275.4	14,900	50.7	280.3	13,200				185
187	43.4	266.4	16,400	46.9	273.5	14,600	50.0	278.6	12,900	53.0	281.8	11,100	187
190	42.3	263.1	15,900	45.8	270.6	14,200	49.0	276.0	12,500	52.0	279.5	10,600	190
195	40.3	257.4	15,100	43.9	265.5	13,400	47.3	271.5	11,800	50.3	275.4	9,900	195
200	38.2	251.2	14,400	42.0	260.1	12,800	45.5	266.7	11,200	48.6	271.1	9,300	200
205	36.0	244.5	13,700	40.0	254.3	12,100	43.6	261.5	10,600	46.8	266.5	8,600	205
210	33.7	237.2	13,000	37.9	248.0	11,500	41.6	256.0	9,900	45.0	261.6	8,000	210
220	28.7	220.5	11,800	33.4	233.9	10,300	37.5	243.8	8,700	41.2	250.8	6,900	220
230	22.5	199.3	10,600	28.3	216.9	9,300	33.0	229.4	7,600	37.0	238.3	5,900	230
231	21.8	196.6	10,500	27.7	214.9	9,200	32.5	227.8	7,500	36.6	236.9	5,800	231
234	19.5	188.5	10,200	25.9	208.9	8,900	31.0	222.9	7,200	35.2	232.7	5,500	234
235	18.8	185.8	10,100	25.4	206.9	8,800	30.5	221.2	7,100	34.8	231.3	5,400	235
240	14.1	168.5	9,600	22.1	195.3	8,300	27.8	212.1	6,600				240
246	3.4	128.0	8,900	16.8	176.2	7,600	24.0	198.8	6,000				246
250				13.4	163.4	7,200	21.4	190.0	5,600				250
255				4.7	130.7	6,700	17.5	175.5	5,100				255

MLC250 S-2

ASME B30.5



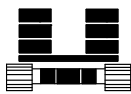
184,600 lb
+
44,000 lb



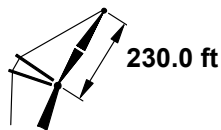
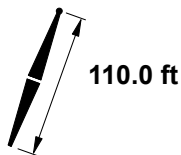
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
68	76.0	340.9	35,000							68
70	75.5	340.4	34,900							70
75	74.2	339.0	34,500							75
80	72.9	337.5	34,200	73.9	338.4	39,400				80
85	71.6	335.8	33,900	72.6	336.8	39,100				85
90	70.3	334.1	33,500	71.3	335.2	38,800				90
95	68.9	332.2	33,200	70.0	333.4	38,400				95
97	68.4	331.4	33,100	69.4	332.6	38,300	70.9	334.1	37,700	97
100	67.6	330.2	32,900	68.6	331.5	38,100	70.1	333.0	37,500	100
105	66.2	328.0	32,500	67.3	329.4	37,700	68.8	331.1	37,300	105
110	64.9	325.7	32,200	65.9	327.2	37,400	67.5	329.0	37,100	110
114	63.7	323.7	31,900	64.8	325.3	37,100	66.4	327.3	36,900	114
115	63.5	323.2	31,900	64.5	324.8	37,100	66.1	326.8	36,800	115
120	62.1	320.6	31,100	63.1	322.4	36,000	64.7	324.5	35,200	120
125	60.6	317.9	29,800	61.7	319.7	34,600	63.3	322.1	33,200	125
130	59.2	314.9	28,600	60.3	316.9	32,800	61.9	319.4	31,300	130
135	57.7	311.8	27,300	58.9	313.9	31,000	60.5	316.7	29,500	135
140	56.2	308.5	26,200	57.4	310.8	29,300	59.1	313.7	27,900	140
142	55.6	307.1	25,700	56.8	309.4	28,700	58.5	312.4	27,300	142
145	54.7	305.0	25,000	55.9	307.4	27,800	57.6	310.6	26,400	145
150	53.2	301.4	24,000	54.4	303.9	26,300	56.1	307.3	25,000	150
155	51.6	297.5	23,000	52.8	300.2	25,000	54.6	303.8	23,700	155
160	50.0	293.3	22,000	51.2	296.2	23,700	53.0	300.1	22,500	160
165	48.3	289.0	21,000	49.6	292.1	22,600	51.5	296.2	21,400	165
168	47.3	286.2	20,500	48.6	289.4	21,900	50.5	293.7	20,700	168
170	46.6	284.3	20,100	47.9	287.6	21,500	49.8	292.0	20,300	170
175	44.9	279.4	19,300	46.2	282.9	20,400	48.2	287.6	19,300	175
180	43.1	274.2	18,500	44.5	277.9	19,400	46.5	282.9	18,300	180
185	41.2	268.6	17,600	42.6	272.6	18,400	44.7	278.0	17,500	185
190	39.3	262.6	16,600	40.8	266.9	17,300	42.9	272.7	16,600	190
193	38.0	258.7	16,000	39.6	263.3	16,800	41.8	269.3	16,100	193
195	37.2	256.2	15,700	38.8	260.8	16,400	41.0	267.1	15,800	195
200	35.1	249.2	14,800	36.7	254.3	15,400	39.1	261.1	15,100	200
205	32.9	241.7	14,000	34.6	247.3	14,600	37.0	254.6	14,300	205
210	30.5	233.5	13,200	32.3	239.6	13,800	34.9	247.6	13,700	210
220	25.1	214.3	11,700	27.2	221.9	12,200	30.2	231.8	12,400	220
230	18.2	188.6	10,400	21.1	199.3	10,800	24.8	212.3	11,200	230
240	5.9	140.4	7,000	12.2	165.1	9,200	17.8	186.2	10,100	240
241	1.9	124.5	6,000	10.5	158.4	8,700	16.5	181.0	9,900	241
244				5.5	138.3	7,300	12.5	165.5	9,200	244
250							4.6	134.3	7,700	250
256										256
260										260
265										265

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
68													68
70													70
75													75
80													80
85													85
90													90
95													95
97													97
100													100
105													105
110													110
114	67.9	328.8	36,200										114
115	67.6	328.3	35,700										115
120	66.3	326.2	33,500										120
125	64.9	323.9	31,500										125
130	63.5	321.4	29,700										130
135	62.1	318.8	28,000										135
140	60.7	316.1	26,400										140
142	60.1	314.9	25,900	62.8	317.8	23,500							142
145	59.3	313.1	25,000	61.9	316.2	22,700							145
150	57.8	310.0	23,700	60.5	313.4	21,500							150
155	56.3	306.8	22,400	59.1	310.5	20,300							155
160	54.8	303.3	21,200	57.6	307.3	19,200							160
165	53.2	299.6	20,100	56.1	304.0	18,200							165
168	52.3	297.3	19,500	55.2	301.9	17,600	57.9	305.0	15,700				168
170	51.7	295.7	19,100	54.6	300.5	17,200	57.3	303.7	15,300				170
175	50.1	291.6	18,200	53.0	296.8	16,300	55.8	300.3	14,500				175
180	48.4	287.2	17,200	51.5	292.9	15,400	54.3	296.8	13,700				180
185	46.7	282.6	16,400	49.8	288.8	14,600	52.7	293.1	12,900				185
190	45.0	277.7	15,600	48.2	284.4	13,900	51.2	289.1	12,200				190
193	43.9	274.6	15,100	47.2	281.6	13,400	50.2	286.6	11,800	53.0	289.8	9,700	193
195	43.2	272.5	14,800	46.5	279.7	13,100	49.5	284.9	11,500	52.4	288.3	9,500	195
200	41.3	266.9	14,100	44.7	274.8	12,500	47.9	280.5	10,800	50.8	284.3	8,800	200
205	39.4	260.9	13,400	42.9	269.5	11,800	46.2	275.8	10,100	49.1	280.0	8,200	205
210	37.3	254.6	12,700	41.0	263.9	11,200	44.4	270.8	9,500	47.5	275.5	7,600	210
220	33.0	240.2	11,500	37.0	251.4	10,000	40.7	259.7	8,300	44.0	265.6	6,500	220
230	28.0	223.0	10,400	32.7	236.8	9,000	36.7	247.1	7,200	40.2	254.4	5,400	230
240	22.0	201.2	9,300	27.6	219.4	7,900	32.2	232.3	6,200				240
241	21.2	198.1	9,200	27.0	217.2	7,800	31.7	230.6	6,100				241
244	18.7	188.6	8,900	25.2	210.5	7,500	30.2	225.2	5,800				244
250	13.8	169.7	8,300	21.6	197.2	6,800	27.1	214.6	5,200				250
256	3.4	128.3	7,700	16.5	177.6	6,300							256
260				13.0	164.5	5,900							260
265				4.6	131.1	5,400							265

MLC250 S-2

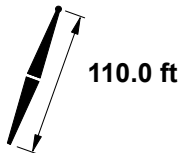
ASME B30.5



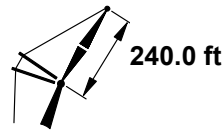
184,600 lb
+
44,000 lb



360°



110.0 ft



240.0 ft

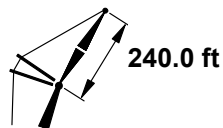
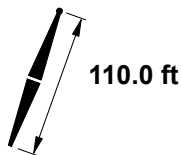
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
71	75.9	350.4	31,700							71
75	74.9	349.4	31,500							75
80	73.6	347.9	31,100							80
83	72.9	347.0	30,900	73.8	347.9	35,600				83
85	72.4	346.4	30,800	73.3	347.3	35,500				85
90	71.1	344.7	30,500	72.1	345.7	35,200				90
95	69.8	342.9	30,100	70.8	344.0	34,800				95
100	68.6	341.0	29,800	69.6	342.2	34,500	71.0	343.6	33,900	100
105	67.3	338.9	29,500	68.3	340.2	34,200	69.7	341.8	33,700	105
110	66.0	336.7	29,200	67.0	338.1	33,800	68.5	339.8	33,400	110
115	64.7	334.4	28,900	65.7	335.9	33,500	67.2	337.8	33,200	115
118	63.9	332.9	28,700	64.9	334.5	33,300	66.4	336.4	33,000	118
120	63.3	331.9	28,600	64.3	333.5	33,200	65.9	335.6	32,900	120
125	62.0	329.3	28,300	63.0	331.0	32,900	64.5	333.2	32,700	125
130	60.6	326.5	27,500	61.7	328.4	32,000	63.2	330.7	30,800	130
135	59.2	323.6	26,400	60.3	325.6	30,600	61.9	328.1	29,100	135
140	57.8	320.5	25,300	58.9	322.6	28,900	60.5	325.3	27,500	140
145	56.4	317.2	24,300	57.5	319.5	27,400	59.1	322.4	26,000	145
146	56.1	316.5	24,100	57.2	318.8	27,100	58.8	321.7	25,700	146
150	54.9	313.8	23,400	56.1	316.1	25,900	57.7	319.2	24,600	150
155	53.5	310.1	22,400	54.6	312.6	24,600	56.3	316.0	23,300	155
160	52.0	306.3	21,500	53.1	309.0	23,300	54.8	312.5	22,100	160
165	50.4	302.2	20,600	51.6	305.1	22,200	53.3	308.8	20,900	165
170	48.9	297.9	19,700	50.1	300.9	21,100	51.8	305.0	19,900	170
173	47.9	295.2	19,200	49.1	298.3	20,400	50.9	302.5	19,300	173
175	47.2	293.4	18,900	48.5	296.6	20,000	50.3	300.9	18,900	175
180	45.6	288.5	18,100	46.9	292.0	19,000	48.7	296.6	17,900	180
185	43.9	283.4	17,100	45.2	287.1	17,900	47.1	292.0	17,000	185
190	42.1	278.0	16,100	43.5	281.9	16,800	45.4	287.1	16,200	190
195	40.3	272.2	15,100	41.7	276.4	15,900	43.7	282.0	15,400	195
200	38.4	266.1	14,300	39.9	270.6	14,900	42.0	276.6	14,600	200
205	36.4	259.5	13,400	37.9	264.3	14,100	40.1	270.8	13,900	205
210	34.3	252.3	12,600	35.9	257.6	13,200	38.2	264.6	13,200	210
215	32.1	244.6	11,900	33.8	250.3	12,400	36.2	257.9	12,600	215
220	29.8	236.2	11,200	31.6	242.4	11,700	34.1	250.7	12,000	220
225	27.3	226.9	10,500	29.2	233.8	11,000	31.9	242.9	11,400	225
230	24.5	216.4	9,800	26.7	224.3	10,300	29.6	234.4	10,800	230
235	21.4	204.4	9,200	23.8	213.5	9,700	27.0	225.0	10,300	235
240	17.8	190.2	8,600	20.6	201.1	9,100	24.3	214.5	9,700	240
245	13.2	171.8	7,500	16.8	186.1	8,500	21.1	202.3	9,100	245
250	5.8	140.9	5,500	11.9	166.1	7,500	17.4	187.8	8,500	250
254				5.3	138.8	5,800	12.3	166.5	7,600	254
260							4.5	134.6	6,200	260
266										266

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



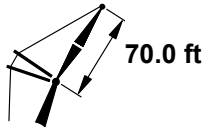
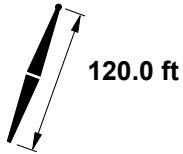
	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
71										71
75										75
80										80
83										83
85										85
90										90
95										95
100										100
105										105
110										110
115										115
118	67.9	337.9	33,900							118
120	67.3	337.1	33,100							120
125	66.0	334.9	31,100							125
130	64.7	332.6	29,200							130
135	63.4	330.1	27,600							135
140	62.0	327.5	26,000							140
145	60.7	324.7	24,500							145
146	60.4	324.1	24,300	62.9	327.0	22,000				146
150	59.3	321.8	23,200	61.9	324.9	21,000				150
155	57.9	318.7	22,000	60.5	322.1	19,800				155
160	56.5	315.5	20,800	59.1	319.1	18,700				160
165	55.0	312.0	19,700	57.7	316.0	17,700				165
170	53.5	308.4	18,700	56.3	312.7	16,700				170
173	52.6	306.1	18,100	55.4	310.6	16,200	58.0	313.6	14,300	173
175	52.0	304.5	17,700	54.8	309.3	15,800	57.4	312.4	14,000	175
180	50.5	300.5	16,800	53.3	305.6	15,000	56.0	309.0	13,200	180
185	48.9	296.2	16,000	51.8	301.7	14,200	54.6	305.5	12,300	185
190	47.3	291.7	15,100	50.3	297.6	13,400	53.1	301.8	11,500	190
195	45.7	286.9	14,400	48.7	293.3	12,700	51.6	297.9	10,800	195
200	44.0	281.8	13,600	47.1	288.8	12,000	50.0	293.8	10,100	200
205	42.2	276.4	13,000	45.4	283.9	11,400	48.4	289.4	9,400	205
210	40.4	270.6	12,300	43.7	278.8	10,700	46.8	284.8	8,800	210
215	38.5	264.5	11,700	42.0	273.3	10,100	45.1	279.9	8,200	215
220	36.5	257.9	11,100	40.1	267.5	9,500	43.4	274.7	7,600	220
225	34.4	250.8	10,500	38.2	261.3	8,900	41.6	269.2	7,000	225
230	32.2	243.1	10,000	36.2	254.7	8,300	39.8	263.4	6,500	230
235	29.9	234.7	9,400	34.1	247.5	7,800	37.9	257.1	6,000	235
240	27.4	225.4	8,900	31.9	239.7	7,200	35.9	250.3	5,500	240
245	24.6	215.0	8,400	29.6	231.2	6,700				245
250	21.6	203.1	7,900	27.0	221.8	6,200				250
254	18.3	190.2	7,500	24.7	212.7	5,900				254
260	13.5	170.8	6,900	21.1	199.1	5,300				260
266	3.3	128.5	6,300							266

MLC250 S-2

ASME B30.5



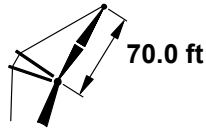
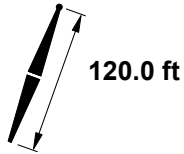
184,600 lb
+
44,000 lb



	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
32	74.0	195.0	150,700 d						32	
34	72.3	194.3	145,400 d						34	
36	70.5	193.6	140,300 d						36	
37	69.6	193.2	137,900 d	73.3	194.4	147,100 d			37	
38	68.8	192.8	135,500 d	72.4	194.1	144,600 d			38	
40	67.0	192.0	131,000 c	70.7	193.4	139,700 d			40	
45	62.4	189.5	120,700 b	66.2	191.3	128,400 b			45	
46	61.5	188.9	118,900 b	65.3	190.8	126,400 b	70.9	192.7	138,100 d	
50	57.6	186.5	111,800	61.6	188.7	118,600 b	67.4	191.1	124,200 c	
55	52.6	182.8	104,000	56.8	185.6	109,900	62.8	188.7	109,600 b	
56	51.5	182.0	102,700	55.8	184.9	108,200	61.9	188.1	107,300 b	
60	47.1	178.5	97,300	51.7	181.9	101,200	58.1	185.7	98,000 b	
65	41.1	173.1	91,400	46.2	177.4	91,300	53.0	182.2	88,400	
70	34.3	166.4	84,800	40.1	171.8	83,000	47.6	177.9	80,400	
72	30.9	162.8	81,900	37.3	169.0	80,200	45.2	175.7	77,700	
75	25.8	157.4	77,600	33.0	164.8	76,000	41.7	172.6	73,600	
80	12.7	142.2	67,400	24.2	155.2	69,900	34.9	166.0	67,700	
81	7.6	135.9	61,000	21.1	151.6	68,800	33.3	164.3	66,700	
85				8.7	137.1	64,300	26.7	157.3	62,600	
87							21.7	151.6	60,800	
90							14.3	143.1	58,000	
91							10.1	138.0	57,100	
95									95	
98									98	
100									100	
101									101	
105									105	
108									108	
110									110	
115									115	
118									118	
120									120	
125									125	
127									127	

MLC250 S-2

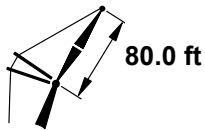
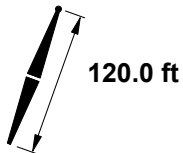
ASME B30.5



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
32													32
34													34
36													36
37													37
38													38
40													40
45													45
46													46
50													50
55													55
56	67.5	190.2	103,500 c										56
60	63.9	188.3	94,700 b										60
65	59.2	185.4	85,400 b										65
70	54.3	182.0	77,700										70
72	52.1	180.4	75,100	62.2	184.8	70,600 b							72
75	49.0	177.9	71,100	59.4	183.1	67,000 b							75
80	43.2	172.9	65,500	54.4	179.7	61,700							80
81	41.9	171.7	64,500	53.4	178.9	60,800							81
85	36.6	166.7	60,600	49.1	175.6	57,100							85
87	33.5	163.5	58,800	46.8	173.6	55,500	57.4	178.4	52,000				87
90	28.8	158.6	56,200	43.4	170.7	53,000	54.4	176.3	49,800				90
91	26.7	156.2	55,400	42.1	169.4	52,300	53.3	175.5	49,100				91
95	18.1	146.5	52,300	36.9	164.5	49,400	49.1	172.2	46,400				95
98	3.5	129.0	50,000	32.2	159.7	47,500	45.6	169.2	44,600				98
100				29.1	156.5	46,200	43.3	167.2	43,400				100
101				27.0	154.1	45,600	42.0	166.0	42,800	52.9	171.1	40,100	101
105				18.6	144.6	43,200	36.8	161.1	40,600	48.6	167.7	38,000	105
108				5.8	129.4	41,400	32.1	156.2	39,200	45.1	164.6	36,700	108
110							29.0	153.0	38,200	42.8	162.6	35,700	110
115							18.4	141.0	35,900	36.2	156.3	33,600	115
118							5.0	125.0	34,400	31.5	151.3	32,500	118
120										28.3	148.0	31,700	120
125										17.2	135.5	29,800	125
127										9.5	126.3	29,100	127

MLC250 S-2

ASME B30.5



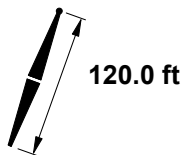
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
32	76.0	205.4	144,600 d						32	
34	74.6	204.8	139,800 d						34	
36	73.1	204.2	135,200 d						36	
38	71.5	203.5	130,800 d						38	
39	70.8	203.1	128,700 d	73.9	204.3	136,900 d			39	
40	70.0	202.8	126,600 c	73.2	203.9	134,800 d			40	
45	66.1	200.7	117,000 b	69.4	202.2	124,400 b			45	
50	62.1	198.1	108,500	65.5	200.0	115,200 b	70.3	201.9	123,800 c	
55	57.9	195.1	101,100	61.4	197.4	106,900	66.5	199.8	109,200 b	
60	53.6	191.6	94,600	57.2	194.3	99,800	62.5	197.4	97,500	
65	48.9	187.5	88,800	52.8	190.7	91,000	58.3	194.4	88,000	
70	43.9	182.6	83,800	48.1	186.4	82,800	53.9	190.9	80,000	
75	38.3	176.6	77,500	43.0	181.4	75,800	49.3	186.8	73,200	
76	37.0	175.2	76,200	41.9	180.1	74,600	48.3	185.9	72,100	
80	32.0	169.3	71,300	37.3	175.2	69,800	44.3	182.0	67,400	
85	24.1	159.5	65,900	30.8	167.6	64,500	38.8	176.2	62,400	
90	11.8	143.2	59,200	22.5	157.2	59,900	32.5	169.0	57,900	
91	7.0	136.5	54,000	19.7	153.3	59,000	31.0	167.1	57,100	
92				16.8	149.4	58,200	29.5	165.2	56,300	
95				8.1	137.7	55,700	24.8	159.5	54,000	
100							13.3	144.2	50,400	
101							9.4	138.8	49,600	
105									105	
107									107	
108									108	
110									110	
115									115	
118									118	
120									120	
125									125	
128									128	
130									130	
135									135	
137									137	

MLC250 S-2

ASME B30.5



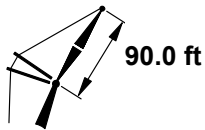
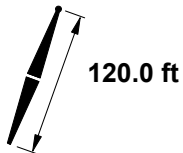
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
32													32
34													34
36													36
38													38
39													39
40													40
45													45
50													50
55													55
60	67.4	199.3	94,200 b										60
65	63.4	196.9	84,900 b										65
70	59.3	194.1	77,200										70
75	55.0	190.8	70,700										75
76	54.1	190.0	69,600	62.8	194.1	65,300 b							76
80	50.4	186.8	65,100	59.5	191.8	61,200							80
85	45.6	182.2	60,200	55.2	188.4	56,600							85
90	40.2	176.6	55,900	50.6	184.5	52,500							90
91	39.0	175.2	55,100	49.6	183.6	51,800							91
92	37.8	173.9	54,400	48.7	182.7	51,100	57.7	187.1	47,800				92
95	34.1	169.8	52,100	45.7	179.9	49,000	55.1	185.0	45,800				95
100	26.9	161.0	48,700	40.4	174.4	45,800	50.5	181.1	42,800				100
101	24.9	158.4	48,100	39.2	173.0	45,200	49.6	180.2	42,300				101
105	16.8	147.9	45,600	34.4	167.6	42,900	45.7	176.5	40,100				105
107	7.8	135.4	44,300	31.5	164.1	41,900	43.5	174.3	39,200	52.9	179.1	36,500	107
108	3.2	129.2	43,700	30.0	162.4	41,300	42.4	173.2	38,700	52.0	178.2	36,100	108
110				27.2	158.9	40,300	40.3	170.9	37,700	50.2	176.6	35,200	110
115				17.3	146.1	37,900	34.3	164.2	35,500	45.2	171.9	33,100	115
118				5.4	129.7	36,400	29.9	158.9	34,300	42.0	168.5	31,900	118
120							27.0	155.4	33,500	39.9	166.3	31,200	120
125							17.1	142.5	31,500	33.7	159.3	29,400	125
128							4.6	125.3	30,300	29.3	154.0	28,500	128
130										26.4	150.4	27,800	130
135										16.0	136.8	26,300	135
137										8.9	127.0	25,600	137

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ASME B30.5



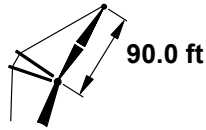
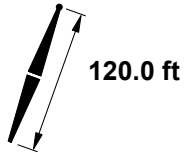
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
35	75.7	214.9	132,600 d							35
36	75.0	214.6	130,600 d							36
38	73.7	214.0	126,500 d							38
40	72.3	213.4	122,700 c							40
42	71.0	212.7	119,100 c	73.8	213.8	126,400 d				42
45	68.9	211.6	113,700 b	71.8	212.8	120,700 b				45
50	65.5	209.4	105,800	68.4	210.9	112,100 b				50
53	63.3	207.8	101,600	66.3	209.6	107,500 b	70.6	211.5	114,300 b	53
55	61.9	206.8	98,700	64.9	208.7	104,500	69.2	210.7	108,900 b	55
60	58.2	203.8	92,400	61.3	206.0	97,600	65.8	208.5	97,200	60
63	55.8	201.7	89,100	59.0	204.2	93,500	63.6	207.0	91,500	63
65	54.3	200.4	86,900	57.6	203.0	90,800	62.2	206.0	87,700	65
70	50.2	196.4	81,900	53.7	199.5	82,600	58.5	203.1	79,700	70
75	45.9	191.8	77,300	49.5	195.4	75,600	54.6	199.7	73,000	75
80	41.2	186.4	71,000	45.2	190.6	69,600	50.6	195.7	67,200	80
81	40.2	185.1	69,800	44.2	189.5	68,600	49.7	194.8	66,200	81
85	36.0	179.9	65,200	40.4	185.1	64,400	46.3	191.2	62,200	85
90	30.0	172.0	60,400	35.1	178.4	59,800	41.6	185.8	57,800	90
95	22.6	161.5	56,900	28.9	170.2	55,800	36.5	179.5	53,800	95
97	18.0	154.5	54,600	25.8	165.7	54,300	34.1	176.4	52,400	97
100	11.1	144.1	51,300	21.2	159.1	52,100	30.6	171.7	50,400	100
101	6.5	137.0	48,000	18.5	154.9	51,500	29.1	169.6	49,700	101
105				7.6	138.3	48,800	23.4	161.5	47,200	105
110							12.5	145.3	44,300	110
111							8.8	139.5	43,700	111
113										113
115										115
118										118
120										120
125										125
128										128
130										130
135										135
138										138
140										140
145										145
147										147

MLC250 S-2

ASME B30.5



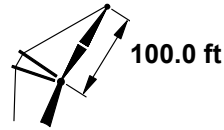
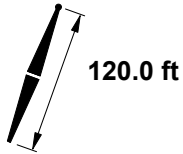
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
35													35
36													36
38													38
40													40
42													42
45													45
50													50
53													53
55													55
60													60
63	68.0	208.9	88,100 b										63
65	66.6	208.1	84,600 b										65
70	63.1	205.6	76,900										70
75	59.4	202.8	70,400										75
80	55.6	199.5	64,800										80
81	54.8	198.7	63,800	62.5	202.7	59,800							81
85	51.6	195.7	59,900	59.5	200.4	56,200							85
90	47.3	191.3	55,700	55.7	197.1	52,200							90
95	42.8	186.1	51,900	51.7	193.4	48,700							95
97	40.8	183.7	50,500	50.0	191.6	47,400	58.0	195.8	44,200				97
100	37.8	180.1	48,500	47.5	189.0	45,500	55.7	193.8	42,500				100
101	36.6	178.6	47,900	46.6	188.0	44,900	54.9	193.0	41,900				101
105	32.1	172.7	45,500	42.9	183.9	42,600	51.7	190.0	39,800				105
110	25.3	163.2	42,800	38.0	177.8	40,100	47.4	185.6	37,400				110
111	23.4	160.4	42,200	36.8	176.4	39,600	46.5	184.6	37,000				111
113	19.6	154.8	41,200	34.6	173.4	38,700	44.7	182.5	36,100	53.0	187.1	33,500	113
115	15.8	149.3	40,200	32.3	170.5	37,700	42.9	180.5	35,200	51.3	185.5	32,700	115
118	3.0	129.3	38,700	28.2	164.9	36,400	39.9	176.8	34,000	48.8	182.8	31,600	118
120				25.5	161.1	35,600	37.9	174.4	33,200	47.1	181.0	30,900	120
125				16.2	147.5	33,600	32.2	167.1	31,400	42.5	175.8	29,100	125
128				5.0	130.1	32,400	28.1	161.4	30,300	39.5	172.1	28,200	128
130							25.4	157.6	29,700	37.4	169.7	27,600	130
135							16.1	143.8	28,000	31.7	162.2	26,100	135
138							4.3	125.6	27,000	27.6	156.4	25,200	138
140										24.8	152.6	24,700	140
145										15.1	138.1	23,400	145
147										8.3	127.7	22,800	147

MLC250 S-2

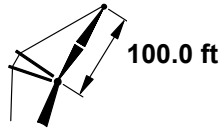
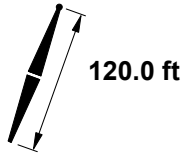
ASME B30.5



	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
37	75.9	224.7	121,700 d						37	
38	75.3	224.5	121,100 c						38	
40	74.1	223.9	118,300 b						40	
45	71.1	222.2	110,100 b	73.7	223.3	116,600 b			45	
50	68.1	220.3	102,600	70.6	221.6	108,700 b			50	
55	64.9	218.1	96,000	67.6	219.7	101,500			55	
56	64.3	217.5	94,800	66.9	219.2	100,200	70.8	221.0	105,900 b	56
60	61.7	215.5	90,000	64.4	217.4	95,000	68.3	219.5	96,700	60
65	58.4	212.5	84,700	61.2	214.7	89,200	65.2	217.2	87,200	65
67	57.0	211.1	82,700	59.8	213.5	86,400	63.9	216.2	84,000	67
70	54.9	209.1	79,800	57.8	211.7	82,200	62.0	214.7	79,300	70
75	51.3	205.2	75,400	54.3	208.2	75,200	58.6	211.7	72,500	75
80	47.5	200.8	69,500	50.7	204.3	69,200	55.2	208.4	66,800	80
85	43.4	195.8	63,700	46.8	199.8	64,100	51.6	204.6	61,700	85
90	39.0	189.9	58,700	42.7	194.6	59,500	47.8	200.2	57,400	90
95	34.1	183.0	54,400	38.2	188.6	55,500	43.7	195.2	53,500	95
100	28.4	174.5	50,800	33.2	181.4	51,900	39.4	189.4	50,000	100
103	24.2	167.8	49,200	29.7	176.1	50,000	36.4	185.3	48,100	103
105	21.4	163.4	48,200	27.4	172.6	48,700	34.5	182.6	46,900	105
110	10.5	145.0	44,600	20.1	160.8	45,700	28.9	174.3	44,100	110
111	6.2	137.5	41,900	17.5	156.4	45,200	27.6	172.1	43,600	111
115				7.1	138.9	42,900	22.1	163.4	41,500	115
119							13.9	149.7	39,600	119
120							11.8	146.2	39,100	120
121							8.3	140.2	38,600	121
125										125
128										128
130										130
135										135
138										138
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148										148
150										150
155										155
157										157

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ASME B30.5



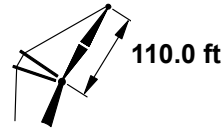
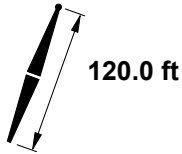
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
37													37
38													38
40													40
45													45
50													50
55													55
56													56
60													60
65													65
67	67.8	218.1	80,800										67
70	65.9	216.8	76,400										70
75	62.7	214.3	69,900										75
80	59.5	211.4	64,300										80
85	56.0	208.2	59,400	62.9	211.9	55,600							85
90	52.5	204.5	55,200	59.6	209.1	51,600							90
95	48.7	200.3	51,400	56.2	205.9	48,100							95
100	44.7	195.4	48,100	52.6	202.2	45,000							100
103	42.2	192.1	46,300	50.4	199.6	43,300	57.5	203.8	40,200				103
105	40.4	189.9	45,100	48.9	198.0	42,100	56.1	202.5	39,200				105
110	35.7	183.3	42,400	44.9	193.2	39,600	52.5	198.8	36,800				110
111	34.6	181.7	41,900	44.0	192.1	39,100	51.8	197.9	36,400				111
115	30.4	175.4	39,900	40.6	187.6	37,300	48.8	194.6	34,700				115
119	25.2	167.3	38,100	36.8	182.4	35,600	45.6	190.7	33,100	53.0	195.1	30,600	119
120	23.9	165.3	37,700	35.9	181.1	35,200	44.8	189.8	32,700	52.3	194.3	30,200	120
121	22.1	162.4	37,200	34.8	179.5	34,800	44.0	188.6	32,300	51.5	193.4	29,900	121
125	15.0	150.5	35,500	30.6	173.2	33,200	40.5	184.2	30,900	48.5	190.0	28,600	125
128	2.8	129.5	34,200	26.7	167.3	32,100	37.7	180.3	29,900	46.1	187.1	27,600	128
130				24.2	163.3	31,400	35.8	177.7	29,200	44.5	185.1	27,000	130
135				15.4	148.8	29,700	30.5	169.8	27,600	40.2	179.5	25,500	135
138				4.7	130.4	28,700	26.6	163.8	26,800	37.3	175.5	24,700	138
140							24.1	159.8	26,200	35.4	172.9	24,200	140
145							15.2	145.1	24,800	30.0	164.9	22,900	145
148							4.0	125.9	23,900	26.1	158.7	22,200	148
150										23.5	154.6	21,800	150
155										14.2	139.3	20,600	155
157										7.8	128.3	20,100	157

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



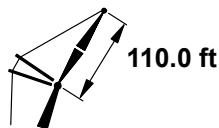
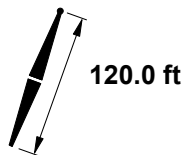
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	ft
40	75.6	234.3	108,800 b							40
45	72.9	232.8	106,400 b							45
48	71.3	231.8	102,300 b	73.6	232.9	108,100 b				48
50	70.2	231.1	99,500	72.5	232.2	105,300 b				50
55	67.3	229.0	93,300	69.7	230.5	98,600				55
59	65.1	227.2	88,800	67.4	228.8	93,700	70.9	230.6	98,800	59
60	64.5	226.7	87,600	66.9	228.4	92,500	70.4	230.2	96,600	60
65	61.5	224.1	82,500	64.0	226.0	87,000	67.6	228.2	87,100	65
70	58.5	221.2	77,900	61.0	223.4	82,000	64.7	225.9	79,100	70
71	57.9	220.5	77,100	60.4	222.8	80,600	64.1	225.4	77,800	71
75	55.4	217.8	73,700	58.0	220.3	75,100	61.8	223.3	72,400	75
80	52.1	214.1	68,700	54.9	216.9	69,200	58.8	220.4	66,700	80
85	48.7	209.8	63,100	51.6	213.1	64,000	55.6	217.1	61,700	85
90	45.1	205.0	58,000	48.1	208.8	59,500	52.4	213.4	57,300	90
95	41.2	199.6	53,600	44.5	203.9	55,400	49.0	209.2	53,400	95
100	37.1	193.3	49,700	40.6	198.3	51,900	45.4	204.4	49,900	100
105	32.4	185.9	46,400	36.3	191.9	48,700	41.6	199.1	46,800	105
108	29.2	180.5	44,700	33.5	187.3	46,900	39.1	195.3	45,200	108
110	27.0	176.9	43,600	31.6	184.2	45,800	37.4	192.8	44,100	110
115	20.4	165.1	41,600	26.1	174.9	43,100	32.8	185.6	41,500	115
120	10.0	145.8	39,500	19.1	162.5	40,700	27.5	176.7	39,200	120
121	5.8	137.9	37,200	16.6	157.8	40,200	26.2	174.4	38,800	121
125				6.8	139.4	38,400	21.0	165.3	37,000	125
130							11.2	147.2	35,000	130
131							7.9	140.8	34,600	131
135										135
138										138
140										140
145										145
148										148
150										150
155										155
158										158
160										160
165										165
167										167

MLC250 S-2

ASME B30.5



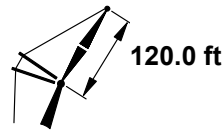
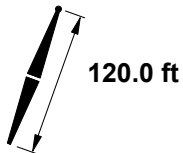
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
40													40
45													45
48													48
50													50
55													55
59													59
60													60
65													65
70													70
71	67.7	227.3	74,800										71
75	65.4	225.5	69,700										75
80	62.5	222.9	64,200										80
85	59.5	220.1	59,300										85
90	56.4	216.9	55,100	62.6	220.6	51,500							90
95	53.2	213.3	51,300	59.6	217.7	48,000							95
100	49.8	209.2	48,000	56.5	214.5	44,800							100
105	46.3	204.6	45,000	53.3	210.9	42,000							105
108	44.0	201.5	43,400	51.3	208.5	40,500	57.7	212.5	37,600				108
110	42.5	199.4	42,300	50.0	206.9	39,500	56.5	211.2	36,700				110
115	38.5	193.4	39,900	46.4	202.3	37,200	53.3	207.6	34,500				115
120	34.0	186.4	37,700	42.7	197.1	35,100	49.9	203.5	32,600				120
121	33.0	184.7	37,200	41.8	195.9	34,700	49.2	202.6	32,200				121
125	28.9	178.0	35,600	38.6	191.1	33,200	46.4	198.9	30,800	53.0	203.1	28,400	125
130	22.7	167.3	33,700	34.1	184.2	31,400	42.6	193.7	29,100	49.6	199.0	26,900	130
131	21.0	164.2	33,300	33.1	182.5	31,100	41.8	192.5	28,800	48.9	198.0	26,600	131
135	14.2	151.7	31,900	29.1	175.8	29,800	38.5	187.7	27,600	46.1	194.3	25,400	135
138	2.6	129.6	30,800	25.4	169.5	28,800	35.9	183.5	26,700	43.8	191.1	24,600	138
140				23.0	165.3	28,200	34.1	180.7	26,200	42.3	189.0	24,100	140
145				14.6	150.0	26,800	29.0	172.4	24,800	38.2	183.0	22,900	145
148				4.5	130.8	25,900	25.3	166.0	24,100	35.5	178.7	22,200	148
150							22.9	161.8	23,600	33.7	175.9	21,700	150
155							14.5	146.4	22,400	28.5	167.4	20,600	155
158							3.8	126.2	21,600	24.8	160.9	20,000	158
160										22.3	156.6	19,600	160
165										13.5	140.5	18,600	165
167										7.4	128.9	18,200	167

MLC250 S-2

ASME B30.5



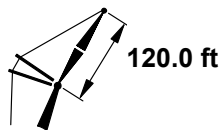
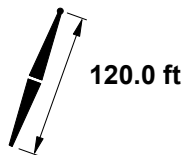
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
42	75.9	244.1	97,900 b							42
45	74.4	243.3	96,700 b							45
50	71.9	241.7	94,600	74.0	242.7	101,600 b				50
55	69.3	239.9	90,400	71.5	241.1	95,500				55
60	66.8	237.8	85,100	68.9	239.2	89,800				60
63	65.2	236.4	82,200	67.4	238.0	86,700	70.6	239.8	90,200	63
65	64.1	235.4	80,300	66.3	237.1	84,600	69.6	239.0	86,600	65
70	61.4	232.8	75,900	63.7	234.7	79,800	67.0	236.9	78,700	70
75	58.6	229.8	71,900	61.0	232.0	74,700	64.3	234.6	72,000	75
80	55.8	226.5	67,400	58.2	229.0	68,800	61.6	232.0	66,200	80
85	52.8	222.9	61,900	55.3	225.7	63,600	58.9	229.1	61,200	85
90	49.7	218.8	57,200	52.3	221.9	59,100	56.0	225.8	56,800	90
94	47.1	215.1	53,700	49.8	218.6	55,900	53.7	222.9	53,700	94
95	46.5	214.2	52,900	49.2	217.7	55,100	53.1	222.2	53,000	95
100	43.1	209.0	49,000	45.9	213.1	51,500	50.0	218.1	49,500	100
105	39.4	203.2	45,600	42.5	207.8	48,300	46.8	213.6	46,400	105
110	35.4	196.5	42,600	38.8	201.9	45,400	43.4	208.5	43,700	110
113	32.7	191.8	41,000	36.3	197.7	43,900	41.2	205.0	42,100	113
115	31.0	188.7	39,900	34.7	195.0	42,800	39.7	202.7	41,100	115
120	25.8	179.2	37,800	30.2	186.9	40,400	35.8	196.1	38,800	120
125	19.5	166.8	36,300	24.9	177.1	38,200	31.4	188.4	36,700	125
130	9.5	146.6	34,800	18.2	164.0	36,200	26.3	179.0	34,800	130
131	5.5	138.3	32,700	15.9	159.2	35,700	25.1	176.6	34,400	131
135				6.5	139.9	34,000	20.1	167.0	33,000	135
140							10.7	148.1	31,200	140
141							7.5	141.4	30,900	141
145										145
148										148
150										150
155										155
158										158
160										160
165										165
168										168
170										170
175										175
177										177

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ASME B30.5



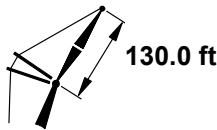
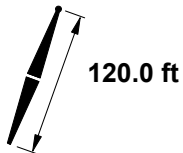
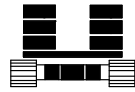
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
42													42
45													45
50													50
55													55
60													60
63													63
65													65
70													70
75	67.6	236.4	69,200										75
80	65.0	234.2	63,600										80
85	62.3	231.6	58,800										85
90	59.5	228.8	54,600										90
94	57.3	226.2	51,600	62.9	229.8	48,100							94
95	56.7	225.6	50,900	62.4	229.2	47,400							95
100	53.8	222.0	47,500	59.6	226.4	44,300							100
105	50.7	218.1	44,600	56.8	223.2	41,500							105
110	47.6	213.6	41,900	53.9	219.7	39,000							110
113	45.5	210.7	40,400	52.1	217.3	37,600	57.9	221.2	34,800				113
115	44.2	208.7	39,500	50.9	215.8	36,700	56.8	219.8	33,900				115
120	40.6	203.1	37,200	47.7	211.4	34,600	53.8	216.3	32,000				120
125	36.7	196.7	35,200	44.3	206.4	32,700	50.8	212.4	30,200				125
130	32.5	189.3	33,300	40.7	200.8	30,900	47.6	207.9	28,600				130
131	31.5	187.5	33,000	40.0	199.6	30,600	46.9	207.0	28,300	53.0	211.1	26,000	131
135	27.6	180.4	31,600	36.9	194.5	29,300	44.3	203.0	27,000	50.6	207.8	24,800	135
140	21.7	169.2	30,000	32.6	187.1	27,800	40.7	197.4	25,600	47.4	203.4	23,500	140
141	20.1	165.9	29,700	31.7	185.3	27,500	39.9	196.1	25,400	46.7	202.4	23,300	141
145	13.6	152.9	28,400	27.8	178.3	26,400	36.8	191.1	24,300	44.0	198.4	22,300	145
148	2.4	129.8	27,500	24.3	171.6	25,600	34.3	186.6	23,600	41.8	195.0	21,600	148
150				22.0	167.2	25,100	32.6	183.7	23,100	40.4	192.8	21,200	150
155				14.0	151.2	23,800	27.7	174.8	22,000	36.5	186.3	20,100	155
158				4.2	131.1	23,000	24.2	168.1	21,300	33.9	181.8	19,500	158
160							21.9	163.7	20,900	32.2	178.8	19,100	160
165							13.8	147.6	19,800	27.3	169.8	18,200	165
168							3.6	126.4	19,200	23.7	163.0	17,600	168
170										21.3	158.4	17,300	170
175										12.9	141.6	16,400	175
177										7.1	129.5	16,000	177

MLC250 S-2

ASME B30.5



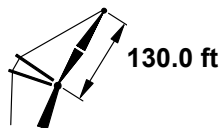
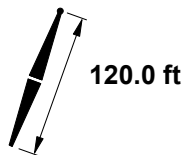
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
45	75.6	253.6	88,200 b							45
50	73.3	252.2	86,500							50
53	71.9	251.2	85,900	73.9	252.3	94,800				53
55	71.0	250.5	85,600	72.9	251.6	92,600				55
60	68.6	248.6	82,900	70.6	249.9	87,400				60
65	66.2	246.5	78,300	68.2	248.0	82,500				65
66	65.8	246.0	77,500	67.8	247.6	81,600	70.7	249.3	84,500	66
70	63.8	244.1	74,100	65.8	245.8	78,000	68.8	247.8	78,300	70
75	61.3	241.4	70,300	63.4	243.4	73,900	66.4	245.7	71,600	75
78	59.8	239.7	67,600	61.9	241.8	70,600	65.0	244.2	68,200	78
80	58.7	238.5	65,800	60.9	240.7	68,500	64.0	243.3	65,900	80
85	56.1	235.2	61,000	58.3	237.7	63,300	61.5	240.7	60,900	85
90	53.4	231.6	56,300	55.7	234.4	58,800	59.0	237.7	56,500	90
95	50.6	227.6	52,200	52.9	230.7	54,800	56.3	234.5	52,600	95
99	48.2	224.1	49,200	50.7	227.4	51,900	54.2	231.6	49,900	99
100	47.6	223.2	48,500	50.1	226.6	51,200	53.6	230.9	49,200	100
105	44.5	218.3	45,100	47.1	222.1	48,000	50.8	227.0	46,100	105
110	41.3	212.8	42,000	44.0	217.1	45,200	47.9	222.6	43,300	110
115	37.8	206.6	39,300	40.7	211.5	42,500	44.8	217.7	40,800	115
119	34.7	201.0	37,400	37.9	206.5	40,600	42.2	213.4	39,000	119
120	34.0	199.6	37,000	37.2	205.2	40,200	41.6	212.3	38,500	120
125	29.7	191.3	34,900	33.3	198.0	38,000	38.1	206.2	36,400	125
130	24.8	181.4	33,200	29.0	189.5	36,000	34.3	199.2	34,500	130
135	18.7	168.5	31,900	23.9	179.2	34,100	30.1	191.1	32,700	135
137	14.9	160.0	31,500	21.3	173.7	33,400	28.1	187.1	32,100	137
140	9.1	147.4	30,800	17.5	165.6	32,400	25.2	181.3	31,100	140
141	5.3	138.8	29,000	15.2	160.5	31,900	24.0	178.8	30,800	141
145				6.2	140.4	30,100	19.3	168.7	29,500	145
150							10.3	149.0	28,000	150
151							7.2	142.0	27,700	151
155										155
158										158
160										160
165										165
168										168
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178										178
180										180
185										185
187										187

MLC250 S-2

ASME B30.5



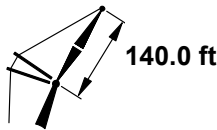
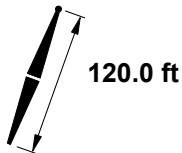
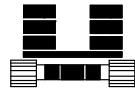
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
45													45
50													50
53													53
55													55
60													60
65													65
66													66
70													70
75													75
78	68.0	246.0	65,400										78
80	67.0	245.2	63,300										80
85	64.6	242.8	58,400										85
90	62.1	240.3	54,200										90
95	59.6	237.4	50,500										95
99	57.5	234.9	47,800	62.7	238.4	44,500							99
100	57.0	234.3	47,200	62.2	237.9	43,900							100
105	54.3	230.8	44,200	59.7	235.1	41,100							105
110	51.5	226.9	41,500	57.1	231.9	38,600							110
115	48.6	222.6	39,100	54.4	228.4	36,300							115
119	46.2	218.8	37,400	52.2	225.4	34,600	57.6	229.2	32,000				119
120	45.6	217.9	36,900	51.6	224.6	34,200	57.0	228.5	31,600				120
125	42.4	212.6	34,900	48.7	220.3	32,300	54.3	225.0	29,800				125
130	38.9	206.6	33,000	45.7	215.6	30,600	51.6	221.2	28,200				130
135	35.2	199.9	31,300	42.5	210.3	29,000	48.7	216.9	26,700				135
137	33.6	196.8	30,700	41.1	208.0	28,400	47.4	215.0	26,100	53.0	219.1	23,900	137
140	31.1	192.1	29,700	39.1	204.4	27,500	45.6	212.2	25,300	51.3	216.7	23,100	140
141	30.2	190.2	29,400	38.3	203.1	27,200	45.0	211.1	25,000	50.7	215.8	22,900	141
145	26.5	182.8	28,300	35.4	197.7	26,100	42.4	206.9	24,000	48.4	212.4	21,900	145
150	20.9	171.0	26,900	31.3	189.9	24,800	39.0	201.0	22,800	45.4	207.6	20,800	150
151	19.3	167.6	26,600	30.4	188.1	24,600	38.3	199.6	22,600	44.7	206.5	20,600	151
155	13.0	154.0	25,500	26.7	180.7	23,600	35.3	194.2	21,600	42.2	202.3	19,700	155
158	2.3	129.9	24,700	23.3	173.7	22,900	32.9	189.6	21,000	40.1	198.7	19,100	158
160				21.1	169.1	22,500	31.2	186.5	20,600	38.7	196.3	18,700	160
165				13.4	152.4	21,300	26.6	177.2	19,600	35.0	189.5	17,800	165
168				4.0	131.4	20,700	23.2	170.2	19,000	32.5	184.7	17,300	168
170							21.0	165.5	18,600	30.9	181.6	16,900	170
175							13.2	148.7	17,700	26.2	172.2	16,100	175
178							3.4	126.7	17,100	22.8	165.0	15,600	178
180										20.5	160.2	15,300	180
185										12.4	142.6	14,500	185
187										6.8	130.0	14,200	187

MLC250 S-2

ASME B30.5



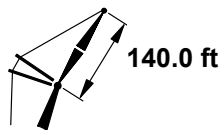
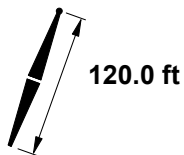
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
47	75.8	263.4	79,700							47
50	74.5	262.6	78,900							50
55	72.4	261.1	77,500							55
56	72.0	260.7	77,400	73.8	261.8	88,200				56
60	70.2	259.3	76,700	72.1	260.5	84,400				60
65	68.0	257.4	74,700	69.9	258.7	79,900				65
69	66.2	255.6	72,500	68.1	257.1	76,500	70.9	258.8	79,300	69
70	65.8	255.2	71,900	67.7	256.7	75,700	70.4	258.5	77,800	70
75	63.5	252.8	68,300	65.4	254.5	71,800	68.2	256.5	71,100	75
80	61.2	250.1	64,100	63.2	252.1	68,000	66.0	254.4	65,400	80
82	60.3	248.9	62,400	62.2	251.0	66,000	65.1	253.4	63,400	82
85	58.8	247.2	59,900	60.8	249.3	62,900	63.7	252.0	60,400	85
90	56.4	243.9	55,700	58.4	246.3	58,400	61.4	249.3	56,000	90
95	53.9	240.4	51,800	56.0	243.1	54,400	59.0	246.4	52,200	95
100	51.3	236.5	48,100	53.5	239.5	50,800	56.6	243.2	48,700	100
103	49.7	233.9	46,200	51.9	237.1	48,900	55.1	241.1	46,900	103
105	48.6	232.2	44,800	50.9	235.5	47,600	54.1	239.7	45,700	105
110	45.8	227.5	41,800	48.1	231.1	44,800	51.5	235.8	42,900	110
115	42.8	222.2	39,100	45.3	226.3	42,200	48.8	231.5	40,400	115
120	39.7	216.4	36,700	42.3	221.0	39,800	46.0	226.9	38,100	120
124	37.0	211.2	34,900	39.8	216.3	38,100	43.7	222.7	36,400	124
125	36.3	209.9	34,500	39.2	215.1	37,600	43.1	221.7	36,000	125
130	32.7	202.5	32,500	35.7	208.5	35,600	40.0	215.9	34,100	130
135	28.6	193.9	30,900	32.0	200.9	33,800	36.6	209.5	32,300	135
140	23.9	183.5	29,500	27.9	192.0	32,100	33.0	202.1	30,700	140
143	20.3	175.4	28,900	24.9	185.5	31,100	30.6	197.0	29,800	143
145	18.0	170.0	28,500	23.0	181.2	30,500	28.9	193.6	29,200	145
150	8.8	148.1	27,200	16.8	167.0	29,000	24.3	183.4	27,700	150
151	5.1	139.2	25,600	14.6	161.8	28,500	23.1	180.8	27,500	151
155				5.9	140.9	26,700	18.5	170.3	26,400	155
160							9.9	149.8	25,100	160
161							6.9	142.5	24,800	161
165										165
168										168
170										170
175										175
178										178
180										180
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188										188
190										190
195										195
197										197

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ASME B30.5



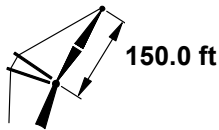
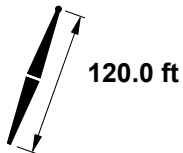
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
47													47
50													50
55													55
56													56
60													60
65													65
69													69
70													70
75													75
80													80
82	67.9	255.2	60,700										82
85	66.5	253.9	57,900										85
90	64.3	251.5	53,700										90
95	62.0	248.9	50,000										95
100	59.6	246.1	46,700										100
103	58.2	244.2	44,900	63.0	247.6	41,600							103
105	57.2	242.9	43,700	62.1	246.6	40,500							105
110	54.7	239.5	41,100	59.7	243.7	38,000							110
115	52.1	235.7	38,600	57.3	240.6	35,800							115
120	49.5	231.6	36,400	54.8	237.2	33,700							120
124	47.3	227.9	34,800	52.7	234.1	32,200	57.7	237.9	29,600				124
125	46.7	227.0	34,400	52.2	233.4	31,800	57.2	237.2	29,200				125
130	43.8	221.9	32,600	49.6	229.3	30,100	54.8	233.8	27,600				130
135	40.7	216.3	30,900	46.8	224.7	28,500	52.2	230.0	26,100				135
140	37.4	210.1	29,300	43.9	219.7	27,000	49.5	225.9	24,700				140
143	35.3	205.8	28,400	42.1	216.3	26,200	47.9	223.1	24,000	53.0	227.1	21,800	143
145	33.9	202.9	27,800	40.8	214.1	25,600	46.8	221.3	23,400	52.0	225.5	21,300	145
150	30.0	194.8	26,500	37.6	207.8	24,300	43.9	216.3	22,200	49.3	221.3	20,200	150
151	29.1	192.8	26,200	36.9	206.4	24,100	43.2	215.1	22,000	48.8	220.4	20,000	151
155	25.5	185.0	25,200	34.0	200.8	23,100	40.8	210.7	21,100	46.5	216.7	19,200	155
160	20.1	172.8	24,000	30.1	192.6	22,000	37.5	204.4	20,100	43.6	211.6	18,200	160
161	18.6	169.2	23,700	29.2	190.7	21,800	36.8	203.0	19,900	43.0	210.5	18,000	161
165	12.5	155.1	22,800	25.6	182.9	21,000	34.0	197.3	19,100	40.5	206.0	17,300	165
168	2.2	130.1	22,100	22.4	175.7	20,400	31.6	192.4	18,500	38.6	202.2	16,800	168
170				20.3	170.8	20,000	30.0	189.1	18,200	37.2	199.7	16,400	170
175				12.9	153.5	19,000	25.6	179.4	17,300	33.7	192.5	15,600	175
178				3.9	131.7	18,400	22.3	172.1	16,800	31.3	187.5	15,100	178
180							20.2	167.3	16,500	29.7	184.2	14,800	180
185							12.7	149.8	15,600	25.2	174.4	14,100	185
188							3.3	126.9	15,100	21.9	166.9	13,700	188
190										19.7	162.0	13,400	190
195										11.9	143.7	12,700	195
197										6.5	130.6	12,400	197

MLC250 S-2

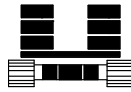
ASME B30.5



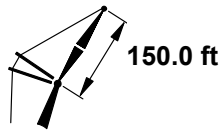
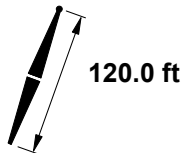
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
49	76.0	273.3	72,800							49
50	75.6	273.0	72,100							50
55	73.6	271.6	71,000							55
59	72.0	270.3	70,100	73.7	271.3	82,400				59
60	71.6	270.0	69,800	73.3	271.0	81,500				60
65	69.6	268.2	68,700	71.3	269.4	77,400				65
70	67.5	266.1	67,500	69.2	267.5	73,600				70
72	66.7	265.2	66,900	68.4	266.7	72,100	71.0	268.4	74,800	72
75	65.4	263.9	66,000	67.2	265.5	69,900	69.7	267.3	70,900	75
80	63.3	261.5	62,000	65.1	263.2	66,500	67.7	265.3	65,200	80
85	61.1	258.8	58,000	62.9	260.7	62,700	65.6	263.1	60,200	85
86	60.7	258.2	57,300	62.5	260.2	61,800	65.2	262.6	59,300	86
90	58.9	255.8	54,400	60.8	258.0	58,200	63.5	260.7	55,900	90
95	56.6	252.6	50,800	58.5	255.0	54,200	61.3	258.0	52,000	95
100	54.3	249.1	47,500	56.3	251.8	50,600	59.1	255.1	48,600	100
105	51.9	245.3	44,200	53.9	248.2	47,500	56.8	251.9	45,500	105
108	50.4	242.8	42,500	52.5	245.9	45,700	55.4	249.8	43,800	108
110	49.4	241.1	41,400	51.5	244.3	44,600	54.5	248.4	42,700	110
115	46.8	236.6	38,700	49.0	240.1	42,000	52.1	244.6	40,200	115
120	44.1	231.6	36,300	46.4	235.5	39,700	49.6	240.5	38,000	120
125	41.3	226.0	34,100	43.7	230.4	37,500	47.1	235.9	35,900	125
129	38.9	221.1	32,500	41.4	225.9	35,900	44.9	232.0	34,400	129
130	38.3	219.9	32,100	40.8	224.8	35,500	44.4	231.0	34,000	130
135	35.0	213.1	30,400	37.8	218.6	33,700	41.5	225.5	32,200	135
140	31.5	205.3	28,800	34.5	211.6	32,000	38.5	219.5	30,600	140
145	27.6	196.3	27,400	30.9	203.6	30,400	35.3	212.7	29,100	145
149	23.9	187.7	26,600	27.7	196.2	29,200	32.5	206.5	27,900	149
150	23.0	185.5	26,400	26.9	194.4	28,900	31.8	205.0	27,700	150
155	17.4	171.5	25,600	22.2	183.2	27,600	27.9	196.1	26,300	155
160	8.4	148.8	24,300	16.2	168.4	26,300	23.4	185.5	25,100	160
161	4.9	139.5	22,900	14.1	163.0	25,800	22.3	182.8	24,800	161
165				5.7	141.4	23,800	17.9	171.9	23,900	165
170							9.5	150.6	22,800	170
171							6.6	143.1	22,500	171
175										175
178										178
180										180
185										185
188										188
190										190
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200										200
207										207

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ASME B30.5



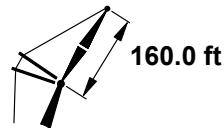
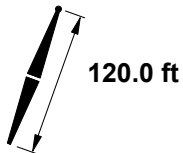
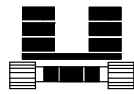
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
49													49
50													50
55													55
59													59
60													60
65													65
70													70
72													72
75													75
80													80
85													85
86	67.8	264.3	56,800										86
90	66.1	262.6	53,500										90
95	64.0	260.2	49,800										95
100	61.8	257.6	46,500										100
105	59.6	254.7	43,600										105
108	58.3	252.9	42,000	62.8	256.3	38,800							108
110	57.4	251.6	40,900	61.9	255.2	37,800							110
115	55.1	248.2	38,500	59.7	252.4	35,600							115
120	52.7	244.5	36,300	57.5	249.3	33,500							120
125	50.2	240.4	34,300	55.2	245.9	31,600							125
129	48.2	236.9	32,800	53.3	242.9	30,200	57.9	246.5	27,700				129
130	47.7	236.0	32,400	52.8	242.2	29,900	57.4	245.9	27,400				130
135	45.0	231.2	30,700	50.3	238.1	28,300	55.1	242.5	25,900				135
140	42.2	225.8	29,200	47.8	233.7	26,800	52.7	238.8	24,500				140
145	39.3	219.9	27,700	45.1	228.9	25,500	50.3	234.7	23,300				145
149	36.7	214.6	26,600	42.9	224.6	24,500	48.2	231.2	22,300	53.0	235.1	20,200	149
150	36.1	213.3	26,400	42.3	223.6	24,200	47.7	230.3	22,100	52.5	234.3	20,000	150
155	32.7	205.9	25,100	39.4	217.7	23,000	45.1	225.5	21,000	50.1	230.2	19,000	155
160	28.9	197.3	23,900	36.2	211.1	21,900	42.3	220.1	19,900	47.5	225.8	18,000	160
161	28.0	195.3	23,700	35.5	209.6	21,700	41.7	219.0	19,700	47.0	224.8	17,800	161
165	24.6	187.2	22,800	32.8	203.7	20,900	39.3	214.3	19,000	44.9	220.9	17,100	165
170	19.4	174.5	21,700	29.0	195.2	19,900	36.2	207.7	18,000	42.1	215.5	16,300	170
171	17.9	170.8	21,500	28.2	193.2	19,700	35.5	206.2	17,900	41.5	214.3	16,100	171
175	12.1	156.1	20,700	24.7	185.1	18,900	32.8	200.3	17,200	39.1	209.6	15,400	175
178	2.1	130.2	20,000	21.6	177.6	18,400	30.5	195.1	16,700	37.2	205.6	15,000	178
180				19.6	172.5	18,000	29.0	191.7	16,400	35.9	202.9	14,700	180
185				12.4	154.5	17,200	24.7	181.6	15,600	32.5	195.4	14,000	185
188				3.7	131.9	16,600	21.6	174.0	15,100	30.2	190.2	13,500	188
190							19.5	169.0	14,800	28.7	186.8	13,300	190
195							12.3	150.8	14,100	24.3	176.5	12,600	195
198							3.2	127.2	13,600	21.1	168.8	12,200	198
200										19.0	163.6	12,000	200
207										6.3	131.1	11,100	207

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ASME B30.5



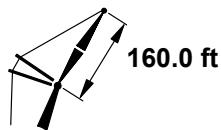
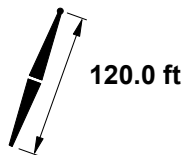
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
52	75.8	282.8	65,900						52	
55	74.7	282.0	65,400						55	
60	72.8	280.5	64,000						60	
61	72.4	280.2	63,800	74.0	281.2	75,600			61	
65	70.9	278.8	63,000	72.5	279.9	74,800			65	
70	69.0	276.9	62,500	70.6	278.2	71,200			70	
75	67.1	274.9	61,100	68.7	276.3	67,800			75	
76	66.7	274.4	60,800	68.3	275.9	67,200	70.7	277.6	69,300	76
80	65.1	272.6	59,500	66.7	274.2	64,600	69.2	276.1	64,700	80
85	63.1	270.1	56,000	64.8	271.9	61,600	67.2	274.0	59,700	85
90	61.1	267.4	52,700	62.8	269.4	57,800	65.3	271.8	55,400	90
95	59.0	264.5	49,500	60.7	266.7	53,800	63.3	269.3	51,500	95
100	56.9	261.3	46,500	58.6	263.7	50,200	61.2	266.6	48,100	100
105	54.7	257.8	43,600	56.5	260.4	47,100	59.2	263.7	45,100	105
110	52.4	254.1	40,900	54.3	256.9	44,200	57.0	260.6	42,300	110
112	51.5	252.4	39,800	53.4	255.4	43,200	56.2	259.2	41,300	112
115	50.1	250.0	38,200	52.1	253.1	41,600	54.9	257.1	39,800	115
120	47.7	245.6	35,900	49.7	249.0	39,300	52.6	253.4	37,500	120
125	45.3	240.8	33,800	47.3	244.5	37,100	50.3	249.3	35,400	125
130	42.7	235.5	31,800	44.8	239.6	35,100	47.9	244.9	33,500	130
134	40.5	230.8	30,400	42.7	235.3	33,700	46.0	241.1	32,100	134
135	39.9	229.7	30,100	42.2	234.3	33,300	45.5	240.2	31,800	135
140	37.0	223.3	28,400	39.4	228.4	31,600	42.9	234.9	30,200	140
145	33.9	216.1	27,000	36.5	221.9	30,000	40.1	229.2	28,700	145
150	30.5	208.0	25,700	33.3	214.6	28,600	37.3	222.8	27,200	150
155	26.7	198.7	24,600	29.9	206.3	27,200	34.2	215.8	25,900	155
160	22.3	187.5	23,600	26.0	196.7	25,900	30.8	207.8	24,700	160
165	16.8	173.0	23,100	21.5	185.1	24,700	27.0	198.5	23,600	165
170	8.2	149.5	21,400	15.7	169.8	23,600	22.7	187.5	22,500	170
171	4.7	139.9	20,100	13.7	164.2	23,100	21.6	184.7	22,300	171
175				5.5	141.8	21,000	17.3	173.4	21,400	175
180							9.2	151.4	20,400	180
181							6.4	143.6	20,200	181
185										185
188										188
190										190
195										195
198										198
200										200
205										205
208										208
210										210
215										215
217										217

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



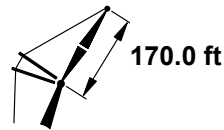
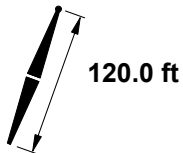
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
52													52
55													55
60													60
61													61
65													65
70													70
75													75
76													76
80													80
85													85
90	67.7	273.5	53,000										90
95	65.7	271.3	49,300										95
100	63.7	268.9	46,000										100
105	61.7	266.3	43,100										105
110	59.7	263.4	40,400										110
112	58.8	262.2	39,400	63.0	265.5	36,400							112
115	57.6	260.3	38,000	61.8	263.9	35,000							115
120	55.4	256.9	35,800	59.7	261.0	33,000							120
125	53.2	253.3	33,800	57.6	258.0	31,100							125
130	50.9	249.3	32,000	55.5	254.6	29,400							130
134	49.0	245.8	30,600	53.7	251.7	28,100	58.0	255.2	25,600				134
135	48.5	245.0	30,300	53.3	250.9	27,800	57.6	254.6	25,400				135
140	46.1	240.3	28,700	51.0	247.0	26,300	55.4	251.2	24,000				140
145	43.5	235.2	27,300	48.6	242.7	25,000	53.2	247.6	22,700				145
150	40.8	229.6	25,900	46.2	238.0	23,700	50.9	243.6	21,500				150
155	38.0	223.4	24,700	43.6	232.9	22,500	48.6	239.3	20,400	53.0	243.1	18,400	155
160	34.9	216.5	23,500	40.9	227.3	21,400	46.1	234.6	19,400	50.7	239.1	17,400	160
165	31.6	208.7	22,400	38.1	221.1	20,400	43.6	229.5	18,400	48.4	234.7	16,500	165
170	28.0	199.8	21,300	35.0	214.3	19,400	40.9	223.9	17,500	45.9	230.0	15,700	170
171	27.1	197.7	21,100	34.4	212.7	19,200	40.3	222.7	17,400	45.4	229.0	15,500	171
175	23.8	189.3	20,300	31.7	206.6	18,500	38.0	217.7	16,700	43.3	224.9	14,900	175
180	18.7	176.1	19,400	28.1	197.7	17,600	35.0	210.8	15,900	40.6	219.2	14,100	180
181	17.3	172.3	19,200	27.3	195.6	17,500	34.3	209.3	15,700	40.1	218.0	14,000	181
185	11.7	157.1	18,500	23.9	187.2	16,800	31.7	203.1	15,100	37.8	213.0	13,400	185
188	2.0	130.3	17,900	20.9	179.4	16,300	29.5	197.8	14,700	35.9	208.8	13,000	188
190				18.9	174.2	16,000	28.0	194.2	14,400	34.7	206.1	12,800	190
195				12.0	155.5	15,200	23.9	183.7	13,700	31.4	198.2	12,100	195
198				3.6	132.2	14,700	20.8	175.9	13,300	29.2	192.8	11,700	198
200							18.8	170.6	13,000	27.7	189.3	11,500	200
205							11.9	151.8	12,300	23.5	178.6	10,900	205
208							3.0	127.4	11,900	20.4	170.6	10,600	208
210										18.4	165.2	10,300	210
215										11.1	145.6	9,800	215
217										6.0	131.6	9,500	217

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



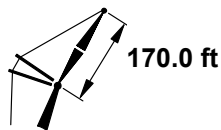
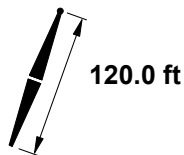
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
54	75.9	292.6	60,000						54	
55	75.6	292.4	59,800						55	
60	73.8	291.0	59,000						60	
64	72.4	289.7	58,100	73.9	290.7	68,300			64	
65	72.1	289.4	57,900	73.6	290.4	68,200			65	
70	70.3	287.6	57,400	71.8	288.8	67,900			70	
75	68.5	285.7	56,300	70.0	287.0	65,800			75	
79	67.0	284.0	55,600	68.5	285.5	63,500	70.8	287.1	65,400	79
80	66.7	283.6	55,500	68.2	285.1	62,900	70.4	286.8	64,400	80
85	64.8	281.3	53,900	66.4	282.9	60,000	68.6	284.9	59,400	85
90	62.9	278.8	51,000	64.5	280.6	57,400	66.8	282.8	55,000	90
93	61.8	277.2	49,200	63.4	279.1	55,000	65.7	281.4	52,700	93
95	61.0	276.1	48,100	62.6	278.1	53,400	65.0	280.5	51,200	95
100	59.0	273.1	45,400	60.7	275.3	49,900	63.1	278.0	47,800	100
105	57.0	270.0	42,700	58.7	272.3	46,700	61.2	275.3	44,700	105
110	55.0	266.6	40,200	56.7	269.1	43,900	59.2	272.4	41,900	110
115	52.9	262.9	37,800	54.7	265.7	41,300	57.2	269.2	39,400	115
117	52.0	261.3	36,900	53.8	264.2	40,300	56.4	267.9	38,500	117
120	50.8	258.9	35,500	52.6	261.9	38,900	55.2	265.8	37,200	120
125	48.5	254.5	33,400	50.4	257.9	36,800	53.1	262.2	35,100	125
130	46.2	249.9	31,600	48.2	253.5	34,800	50.9	258.2	33,200	130
135	43.8	244.8	29,800	45.8	248.8	33,000	48.7	253.9	31,400	135
140	41.3	239.3	28,200	43.4	243.6	31,300	46.4	249.3	29,800	140
145	38.7	233.2	26,700	40.9	238.0	29,700	44.0	244.2	28,300	145
150	35.8	226.5	25,300	38.2	231.9	28,300	41.5	238.7	26,900	150
155	32.8	219.1	24,200	35.4	225.1	26,900	38.9	232.7	25,600	155
160	29.5	210.7	23,100	32.3	217.5	25,700	36.1	226.1	24,400	160
161	28.8	208.7	22,900	31.6	215.8	25,400	35.5	224.6	24,200	161
165	25.8	201.0	22,100	29.0	208.9	24,500	33.1	218.7	23,200	165
170	21.6	189.3	21,400	25.2	198.9	23,300	29.8	210.4	22,200	170
175	16.3	174.4	20,900	20.8	186.9	22,300	26.2	200.8	21,200	175
180	7.9	150.1	18,900	15.2	171.1	21,300	22.0	189.4	20,200	180
181	4.6	140.3	17,700	13.2	165.3	20,700	20.9	186.5	20,000	181
185				5.3	142.2	18,500	16.8	174.8	19,300	185
190							8.9	152.1	18,300	190
191							6.2	144.1	18,200	191
195										195
198										198
200										200
208										208
210										210
218										218
220										220
227										227

MLC250 S-2

ASME B30.5



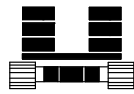
184,600 lb
+
44,000 lb



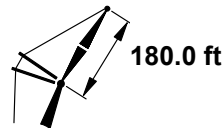
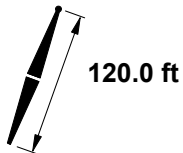
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
54													54
55													55
60													60
64													64
65													65
70													70
75													75
79													79
80													80
85													85
90													90
93	68.0	283.1	50,300										93
95	67.2	282.2	48,900										95
100	65.4	280.0	45,600										100
105	63.5	277.6	42,700										105
110	61.6	274.9	40,000										110
115	59.7	272.1	37,600										115
117	58.9	270.8	36,700	62.8	274.2	33,800							117
120	57.7	269.0	35,400	61.7	272.6	32,600							120
125	55.7	265.6	33,400	59.8	269.7	30,700							125
130	53.6	262.0	31,600	57.8	266.6	29,000							130
135	51.5	258.1	29,900	55.7	263.3	27,400							135
140	49.3	253.9	28,400	53.7	259.7	25,900	57.7	263.2	23,600				140
145	47.0	249.4	26,900	51.5	255.8	24,600	55.7	259.9	22,300				145
150	44.6	244.4	25,600	49.3	251.6	23,300	53.6	256.3	21,100				150
155	42.1	239.0	24,300	47.1	247.1	22,200	51.5	252.4	20,000				155
160	39.5	233.2	23,100	44.7	242.2	21,100	49.3	248.2	19,000				160
161	39.0	231.9	22,900	44.2	241.1	20,800	48.8	247.3	18,800	53.0	251.1	16,800	161
165	36.8	226.7	22,000	42.2	236.8	20,000	47.0	243.7	18,000	51.3	247.9	16,100	165
170	33.8	219.5	21,000	39.6	230.9	19,100	44.7	238.7	17,100	49.1	243.7	15,300	170
175	30.6	211.5	20,000	36.9	224.5	18,100	42.2	233.4	16,300	46.8	239.1	14,500	175
180	27.1	202.2	19,100	33.9	217.3	17,300	39.6	227.5	15,500	44.5	234.1	13,800	180
181	26.3	200.0	18,900	33.3	215.7	17,100	39.0	226.2	15,300	44.0	233.1	13,600	181
185	23.0	191.3	18,200	30.7	209.3	16,500	36.8	221.1	14,700	42.0	228.7	13,000	185
190	18.2	177.7	17,400	27.2	200.1	15,700	33.9	213.9	14,000	39.4	222.8	12,400	190
191	16.8	173.8	17,200	26.4	197.9	15,500	33.3	212.3	13,900	38.8	221.5	12,200	191
195	11.3	158.1	16,500	23.2	189.3	14,900	30.7	205.8	13,300	36.6	216.3	11,700	195
198	1.9	130.4	16,000	20.3	181.2	14,500	28.6	200.3	12,900	34.8	212.0	11,400	198
200				18.3	175.8	14,200	27.2	196.6	12,700	33.6	209.1	11,100	200
208				3.5	132.5	13,100	20.0	177.1	11,700	28.2	195.1	10,200	208
210							18.3	172.2	11,400	26.9	191.6	10,000	210
218							2.9	127.6	10,400	19.6	171.7	9,200	218
220										17.8	166.8	8,900	220
227										5.9	132.0	8,200	227

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



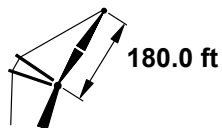
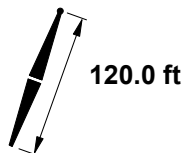
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
57	75.8	302.2	54,100							57
60	74.8	301.4	53,800							60
65	73.1	299.9	53,100							65
67	72.4	299.2	52,800	73.8	300.3	59,000				67
70	71.4	298.2	52,400	72.8	299.3	59,000				70
75	69.7	296.4	51,700	71.2	297.7	59,000				75
80	68.0	294.5	50,700	69.5	295.8	59,000				80
82	67.3	293.6	50,500	68.8	295.0	58,600	70.9	296.7	58,900	82
85	66.3	292.3	50,100	67.7	293.8	58,100	69.9	295.6	58,800	85
90	64.5	290.0	49,300	66.0	291.7	55,500	68.2	293.6	54,600	90
95	62.8	287.5	46,700	64.2	289.3	53,000	66.4	291.5	50,700	95
97	62.0	286.4	45,700	63.5	288.3	51,600	65.7	290.6	49,300	97
100	60.9	284.7	44,300	62.5	286.7	49,500	64.7	289.2	47,300	100
105	59.1	281.8	41,900	60.6	284.0	46,300	62.9	286.7	44,200	105
110	57.2	278.7	39,600	58.8	281.0	43,500	61.1	284.0	41,500	110
115	55.3	275.3	37,400	56.9	277.8	40,900	59.3	281.1	39,000	115
120	53.3	271.6	35,400	55.0	274.4	38,500	57.4	277.9	36,700	120
121	52.9	270.8	35,000	54.6	273.6	38,100	57.0	277.2	36,300	121
125	51.3	267.7	33,400	53.0	270.7	36,400	55.5	274.5	34,700	125
130	49.2	263.5	31,500	51.0	266.7	34,400	53.5	270.9	32,800	130
135	47.1	258.9	29,800	48.9	262.5	32,600	51.5	267.0	31,000	135
140	44.8	254.0	28,200	46.7	257.9	30,900	49.4	262.8	29,400	140
145	42.5	248.7	26,700	44.5	252.9	29,300	47.3	258.3	27,900	145
150	40.1	242.9	25,300	42.1	247.5	27,900	45.0	253.4	26,500	150
155	37.5	236.6	24,100	39.7	241.6	26,500	42.7	248.2	25,200	155
160	34.8	229.7	23,000	37.1	235.2	25,300	40.3	242.4	24,000	160
165	31.9	222.0	21,900	34.3	228.2	24,100	37.7	236.2	22,800	165
168	29.9	216.7	21,400	32.5	223.4	23,400	36.1	232.0	22,200	168
170	28.7	213.2	21,000	31.4	220.3	23,000	35.0	229.3	21,800	170
175	25.1	203.2	20,200	28.1	211.4	21,900	32.1	221.6	20,800	175
180	21.0	191.2	19,600	24.5	201.1	20,900	28.9	213.0	19,800	180
185	15.8	175.8	19,200	20.2	188.7	20,000	25.4	203.1	18,900	185
190	7.7	150.8	16,600	14.8	172.4	19,100	21.3	191.3	18,000	190
191	4.4	140.6	15,500	12.9	166.4	18,500	20.3	188.3	17,900	191
195				5.2	142.7	16,300	16.3	176.2	17,200	195
200							8.7	152.8	16,400	200
201							6.0	144.6	16,200	201
208										208
210										210
218										218
220										220
228										228
230										230
237										237

MLC250 S-2

ASME B30.5



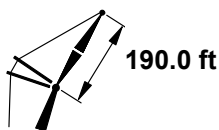
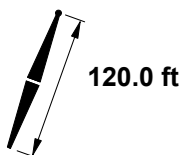
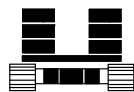
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
57													57
60													60
65													65
67													67
70													70
75													75
80													80
82													82
85													85
90													90
95													95
97	67.9	292.3	47,100										97
100	66.9	291.0	45,100										100
105	65.1	288.7	42,200										105
110	63.3	286.2	39,500										110
115	61.5	283.6	37,100										115
120	59.7	280.7	35,000										120
121	59.3	280.1	34,600	63.0	283.4	31,600							121
125	57.8	277.6	33,000	61.6	281.2	30,200							125
130	55.9	274.3	31,100	59.8	278.4	28,500							130
135	54.0	270.8	29,400	57.9	275.3	26,900							135
140	52.0	266.9	27,900	56.0	272.0	25,400							140
145	49.9	262.8	26,400	54.0	268.4	24,100	57.9	271.9	21,700				145
150	47.8	258.4	25,100	52.0	264.6	22,800	56.0	268.6	20,600				150
155	45.6	253.6	23,900	50.0	260.5	21,600	54.0	265.0	19,500				155
160	43.3	248.4	22,700	47.8	256.1	20,600	52.0	261.2	18,500				160
165	40.9	242.8	21,600	45.6	251.3	19,500	49.9	257.1	17,500				165
168	39.4	239.1	21,000	44.3	248.2	19,000	48.7	254.4	17,000	52.6	258.3	15,000	168
170	38.4	236.7	20,600	43.4	246.1	18,600	47.8	252.7	16,600	51.8	256.7	14,700	170
175	35.7	229.9	19,600	41.0	240.5	17,700	45.6	247.9	15,800	49.8	252.6	13,900	175
180	32.8	222.5	18,700	38.5	234.4	16,800	43.3	242.7	15,000	47.6	248.1	13,200	180
185	29.7	214.1	17,800	35.8	227.7	16,000	40.9	237.1	14,200	45.4	243.3	12,500	185
190	26.3	204.6	17,000	32.9	220.3	15,200	38.4	231.0	13,500	43.1	238.1	11,800	190
191	25.5	202.3	16,800	32.3	218.6	15,100	37.9	229.7	13,400	42.7	237.0	11,700	191
195	22.4	193.3	16,200	29.9	212.0	14,500	35.8	224.3	12,800	40.7	232.5	11,200	195
200	17.6	179.2	15,400	26.4	202.5	13,800	32.9	216.9	12,200	38.2	226.3	10,600	200
201	15.7	173.1	15,300	25.6	199.9	13,700	32.2	215.1	12,100	37.6	224.9	10,500	201
208	1.9	130.6	14,200	19.5	182.4	12,800	27.7	202.5	11,200	33.8	214.9	9,700	208
210				17.8	177.3	12,500	26.4	199.0	11,000	32.7	212.0	9,400	210
218				3.4	132.7	11,400	19.5	178.8	10,100	27.4	197.6	8,500	218
220							17.7	173.8	9,900	26.1	194.0	8,300	220
228							2.8	127.8	9,000	19.0	173.4	7,400	228
230										17.3	168.3	7,200	230
237										5.7	132.5	6,500	237

MLC250 S-2

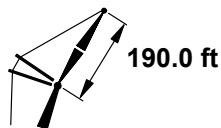
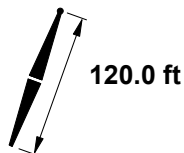
ASME B30.5



	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
59	75.9	312.0	49,000							59
60	75.6	311.7	48,900							60
65	74.0	310.3	48,700							65
70	72.4	308.8	48,100	73.8	309.8	55,400				70
75	70.9	307.1	47,500	72.2	308.2	55,100				75
80	69.2	305.2	46,900	70.6	306.5	54,700				80
85	67.6	303.2	46,100	69.0	304.6	54,400	71.0	306.2	53,000	85
90	66.0	301.0	45,700	67.3	302.6	53,900	69.4	304.4	52,900	90
95	64.3	298.7	44,900	65.7	300.4	51,700	67.8	302.4	50,500	95
100	62.6	296.1	42,800	64.0	298.0	49,300	66.1	300.2	47,100	100
101	62.3	295.6	42,300	63.7	297.5	48,600	65.8	299.7	46,500	101
105	60.9	293.4	40,600	62.3	295.4	46,100	64.4	297.9	44,000	105
110	59.1	290.5	38,500	60.6	292.6	43,200	62.8	295.3	41,300	110
115	57.4	287.3	36,500	58.9	289.7	40,600	61.0	292.6	38,800	115
120	55.5	284.0	34,600	57.1	286.5	38,300	59.3	289.7	36,500	120
125	53.7	280.4	32,900	55.2	283.1	36,100	57.5	286.6	34,400	125
126	53.3	279.6	32,500	54.9	282.4	35,800	57.1	285.9	34,100	126
130	51.8	276.5	31,100	53.4	279.5	34,200	55.7	283.2	32,500	130
135	49.8	272.4	29,400	51.5	275.6	32,400	53.8	279.7	30,800	135
140	47.8	267.9	27,800	49.5	271.4	30,700	51.9	275.8	29,200	140
145	45.7	263.2	26,400	47.5	266.9	29,100	50.0	271.7	27,700	145
150	43.6	258.0	25,100	45.4	262.1	27,700	48.0	267.3	26,300	150
155	41.3	252.5	23,900	43.2	256.9	26,300	45.9	262.6	25,000	155
160	39.0	246.5	22,700	40.9	251.2	25,100	43.8	257.5	23,800	160
165	36.5	239.9	21,700	38.6	245.2	23,900	41.5	252.0	22,600	165
170	33.8	232.7	20,700	36.1	238.5	22,800	39.2	246.0	21,600	170
174	31.5	226.3	20,000	33.9	232.6	22,000	37.2	240.8	20,800	174
175	31.0	224.7	19,800	33.4	231.2	21,700	36.7	239.5	20,600	175
180	27.9	215.7	19,100	30.5	223.0	20,800	34.1	232.3	19,600	180
185	24.4	205.3	18,400	27.3	213.8	19,800	31.2	224.4	18,700	185
190	20.4	193.0	17,900	23.8	203.2	18,900	28.2	215.5	17,900	190
195	15.4	177.1	17,500	19.6	190.4	18,100	24.7	205.3	17,100	195
200	7.5	151.4	14,600	14.4	173.6	17,300	20.7	193.1	16,300	200
201	4.3	141.0	13,600	12.5	167.5	16,700	19.8	190.0	16,100	201
205				5.0	143.1	14,300	15.8	177.6	15,500	205
210							8.4	153.6	14,800	210
211							5.9	145.1	14,600	211
218										218
220										220
228										228
230										230
238										238
240										240
247										247

MLC250 S-2

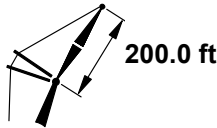
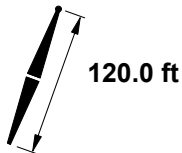
ASME B30.5



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
59													59
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
101	67.8	301.4	44,300										101
105	66.5	299.7	42,000										105
110	64.8	297.4	39,300										110
115	63.2	294.9	36,900										115
120	61.5	292.2	34,700										120
125	59.7	289.4	32,700										125
126	59.4	288.8	32,400	62.9	292.0	29,600							126
130	57.9	286.3	30,900	61.5	289.9	28,200							130
135	56.1	283.0	29,200	59.8	287.0	26,700							135
140	54.3	279.5	27,700	58.0	284.0	25,200							140
145	52.4	275.7	26,200	56.2	280.7	23,900							145
150	50.5	271.7	24,900	54.4	277.2	22,600	58.0	280.6	20,400				150
155	48.5	267.3	23,600	52.5	273.4	21,400	56.2	277.3	19,300				155
160	46.4	262.7	22,500	50.5	269.4	20,300	54.3	273.8	18,200				160
165	44.3	257.7	21,400	48.5	265.0	19,300	52.4	270.0	17,300				165
170	42.1	252.3	20,400	46.5	260.4	18,400	50.5	266.0	16,400				170
174	40.2	247.6	19,600	44.8	256.4	17,600	48.9	262.5	15,700	52.7	266.3	13,900	174
175	39.7	246.4	19,400	44.4	255.4	17,500	48.5	261.6	15,600	52.3	265.5	13,700	175
180	37.3	240.1	18,500	42.1	250.0	16,600	46.5	257.0	14,800	50.3	261.4	13,000	180
185	34.7	233.1	17,600	39.8	244.2	15,800	44.3	252.0	14,000	48.4	257.1	12,300	185
190	31.9	225.3	16,800	37.4	237.8	15,000	42.1	246.6	13,300	46.3	252.4	11,600	190
195	28.9	216.7	16,000	34.8	230.9	14,300	39.8	240.8	12,600	44.1	247.4	11,000	195
200	25.6	206.8	15,300	32.0	223.2	13,600	37.3	234.4	12,000	41.9	242.0	10,400	200
201	24.8	204.5	15,100	31.4	221.4	13,500	36.8	233.0	11,900	41.5	240.8	10,200	201
205	21.8	195.2	14,600	29.0	214.6	13,000	34.8	227.4	11,400	39.6	236.1	9,700	205
210	17.1	180.7	13,900	25.7	204.7	12,300	32.0	219.7	10,800	37.1	229.7	9,100	210
211	15.2	174.5	13,800	24.9	202.1	12,200	31.3	217.9	10,700	36.6	228.2	9,000	211
218	1.8	130.7	12,800	19.0	184.0	11,400	26.9	204.9	9,900	32.8	217.8	8,200	218
220				17.3	178.9	11,200	25.6	201.2	9,700	31.8	214.9	8,000	220
228				3.3	133.0	10,200	18.9	180.5	8,900	26.6	199.9	7,200	228
230							17.2	175.3	8,700	25.4	196.2	7,000	230
238							2.8	128.0	7,800	18.5	175.0	6,200	238
240										16.8	169.7	6,000	240
247										5.5	132.9	5,300	247

MLC250 S-2

ASME B30.5



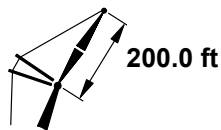
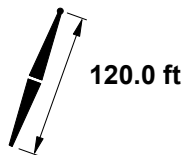
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
61	76.0	321.8	44,500							61
65	74.8	320.7	44,200							65
70	73.3	319.3	43,800							70
72	72.7	318.6	43,700	74.0	319.6	50,100				72
75	71.8	317.7	43,600	73.1	318.7	49,900				75
80	70.3	315.9	43,000	71.6	317.1	49,600				80
85	68.8	314.0	42,300	70.1	315.3	49,200				85
89	67.5	312.4	41,900	68.8	313.8	49,000	70.8	315.4	47,800	89
90	67.2	312.0	41,800	68.5	313.4	48,900	70.5	315.1	47,700	90
95	65.7	309.7	41,300	67.0	311.3	48,600	68.9	313.2	47,600	95
100	64.1	307.4	40,800	65.4	309.1	47,800	67.4	311.1	46,600	100
105	62.5	304.8	39,100	63.8	306.7	45,700	65.8	308.9	43,600	105
110	60.8	302.1	37,300	62.2	304.1	42,800	64.2	306.6	40,800	110
115	59.2	299.1	35,500	60.6	301.3	40,200	62.6	304.0	38,300	115
120	57.5	296.0	33,700	58.9	298.3	37,900	61.0	301.3	36,100	120
125	55.8	292.7	32,100	57.2	295.2	35,700	59.3	298.4	34,000	125
130	54.0	289.1	30,500	55.5	291.8	33,800	57.6	295.3	32,100	130
131	53.7	288.3	30,200	55.1	291.1	33,400	57.3	294.6	31,700	131
135	52.2	285.3	28,900	53.7	288.2	32,000	55.9	291.9	30,400	135
140	50.4	281.2	27,500	51.9	284.4	30,300	54.2	288.4	28,700	140
145	48.5	276.9	26,100	50.1	280.3	28,700	52.4	284.6	27,200	145
150	46.5	272.3	24,800	48.2	275.9	27,300	50.5	280.6	25,900	150
155	44.5	267.3	23,600	46.2	271.2	25,900	48.6	276.3	24,600	155
156	44.1	266.2	23,400	45.8	270.2	25,700	48.2	275.3	24,300	156
160	42.4	261.9	22,500	44.2	266.1	24,700	46.7	271.7	23,300	160
165	40.2	256.2	21,400	42.1	260.7	23,500	44.7	266.7	22,200	165
170	37.9	249.9	20,500	39.8	254.9	22,400	42.6	261.4	21,200	170
175	35.5	243.1	19,600	37.5	248.6	21,400	40.4	255.7	20,200	175
180	32.9	235.7	18,800	35.1	241.7	20,400	38.1	249.5	19,200	180
185	30.2	227.4	18,100	32.5	234.1	19,400	35.7	242.7	18,300	185
190	27.1	218.1	17,400	29.7	225.7	18,600	33.2	235.3	17,500	190
195	23.8	207.4	16,800	26.6	216.2	17,700	30.4	227.1	16,700	195
200	19.8	194.7	16,300	23.2	205.2	16,900	27.4	217.9	15,900	200
205	15.0	178.4	15,200	19.1	192.0	16,200	24.1	207.4	15,200	205
210	7.3	152.0	12,600	14.0	174.8	15,300	20.2	194.9	14,500	210
211	4.2	141.3	11,700	12.2	168.5	14,700	19.2	191.7	14,300	211
215				4.9	143.5	12,300	15.4	179.0	13,800	215
220							8.2	154.2	13,100	220
221							5.7	145.6	13,000	221
228										228
230										230
238										238
240										240
248										248

MLC250 S-2

ASME B30.5



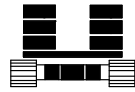
184,600 lb
+
44,000 lb



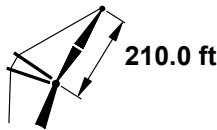
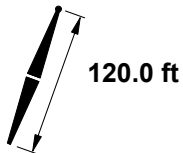
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
61													61
65													65
70													70
72													72
75													75
80													80
85													85
89													89
90													90
95													95
100													100
105	67.7	310.6	41,500										105
110	66.2	308.4	38,800										110
115	64.6	306.1	36,400										115
120	63.0	303.6	34,200										120
125	61.4	300.9	32,300										125
130	59.7	298.0	30,400										130
131	59.4	297.4	30,100	62.7	300.7	27,400							131
135	58.1	295.0	28,800	61.4	298.6	26,100							135
140	56.3	291.7	27,200	59.8	295.7	24,700							140
145	54.6	288.2	25,800	58.1	292.6	23,300							145
150	52.8	284.5	24,400	56.4	289.4	22,100							150
155	51.0	280.5	23,200	54.7	285.9	20,900							155
156	50.6	279.7	23,000	54.3	285.1	20,700	57.7	288.6	18,500				156
160	49.1	276.3	22,000	52.9	282.2	19,800	56.4	286.0	17,700				160
165	47.2	271.7	20,900	51.0	278.2	18,800	54.6	282.5	16,800				165
170	45.2	266.9	19,900	49.2	274.0	17,900	52.8	278.8	15,900				170
175	43.1	261.7	19,000	47.2	269.4	17,000	51.0	274.8	15,000				175
180	40.9	256.0	18,000	45.2	264.6	16,100	49.1	270.6	14,200	52.7	274.3	12,400	180
185	38.7	249.9	17,200	43.2	259.4	15,300	47.2	266.0	13,500	50.9	270.3	11,600	185
190	36.3	243.3	16,400	41.0	253.8	14,600	45.2	261.2	12,800	49.0	266.0	10,900	190
195	33.8	236.1	15,600	38.8	247.7	13,900	43.1	256.0	12,100	47.0	261.5	10,200	195
200	31.1	228.1	14,900	36.4	241.1	13,200	41.0	250.4	11,500	45.0	256.6	9,600	200
205	28.2	219.2	14,200	33.9	233.9	12,500	38.7	244.3	10,900	43.0	251.3	9,000	205
210	24.9	209.0	13,500	31.2	226.0	11,900	36.4	237.7	10,300	40.8	245.7	8,400	210
211	24.2	206.6	13,400	30.6	224.2	11,800	35.8	236.2	10,200	40.3	244.5	8,300	211
215	21.2	197.1	12,900	28.3	217.1	11,300	33.8	230.5	9,800	38.5	239.6	7,800	215
220	16.7	182.2	12,200	25.0	207.0	10,700	31.1	222.5	9,200	36.2	232.9	7,300	220
221	14.8	175.7	12,100	24.2	204.3	10,600	30.5	220.6	9,100	35.6	231.4	7,200	221
228	1.8	130.8	11,200	18.5	185.6	9,900	26.2	207.3	8,300	32.0	220.7	6,500	228
230				16.9	180.3	9,700	25.0	203.5	8,100	30.9	217.6	6,300	230
238				3.2	133.2	8,800	18.4	182.1	7,300	25.9	202.2	5,500	238
240							16.8	176.7	7,000	24.7	198.4	5,300	240
248							2.7	128.2	6,200				248

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



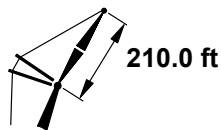
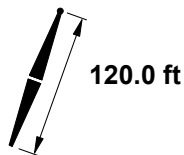
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
64	75.9	331.4	40,300							64
65	75.6	331.1	40,300							65
70	74.2	329.7	39,900							70
75	72.7	328.2	39,500	73.9	329.2	45,400				75
80	71.3	326.5	39,200	72.5	327.6	45,000				80
85	69.9	324.7	38,800	71.1	325.9	44,700				85
90	68.4	322.8	38,500	69.6	324.1	44,300				90
92	67.8	322.0	38,300	69.0	323.3	44,200	70.8	325.0	43,100	92
95	66.9	320.7	38,000	68.1	322.2	44,000	70.0	323.9	43,000	95
100	65.4	318.5	37,500	66.7	320.0	43,700	68.5	321.9	42,800	100
105	63.9	316.0	37,100	65.2	317.8	43,300	67.0	319.9	42,600	105
108	63.0	314.5	36,400	64.2	316.3	42,500	66.1	318.5	41,300	108
110	62.4	313.5	35,900	63.6	315.3	42,000	65.5	317.6	40,400	110
115	60.8	310.7	34,300	62.1	312.7	39,900	64.0	315.2	38,000	115
120	59.2	307.8	32,700	60.6	310.0	37,500	62.5	312.7	35,700	120
125	57.6	304.7	31,200	59.0	307.0	35,400	60.9	309.9	33,600	125
130	56.0	301.4	29,800	57.4	303.9	33,400	59.4	307.0	31,700	130
135	54.3	297.8	28,400	55.7	300.5	31,600	57.8	303.9	30,000	135
140	52.6	294.1	27,100	54.0	296.9	29,900	56.1	300.6	28,400	140
145	50.9	290.1	25,700	52.3	293.2	28,400	54.5	297.1	26,900	145
150	49.1	285.8	24,500	50.6	289.1	26,900	52.8	293.4	25,500	150
155	47.2	281.3	23,300	48.8	284.8	25,600	51.0	289.4	24,200	155
160	45.3	276.5	22,200	46.9	280.2	24,300	49.2	285.2	23,000	160
161	44.9	275.4	22,000	46.5	279.3	24,100	48.9	284.3	22,800	161
165	43.4	271.3	21,200	45.0	275.3	23,200	47.4	280.7	21,900	165
170	41.3	265.7	20,200	43.0	270.1	22,100	45.5	275.9	20,800	170
175	39.2	259.7	19,400	41.0	264.5	21,000	43.5	270.7	19,800	175
180	37.0	253.3	18,600	38.8	258.4	20,000	41.5	265.2	18,900	180
185	34.6	246.3	17,800	36.6	251.9	19,100	39.4	259.3	18,000	185
186	34.1	244.7	17,600	36.1	250.4	18,900	38.9	258.0	17,800	186
190	32.1	238.6	17,100	34.2	244.7	18,200	37.2	252.8	17,100	190
200	26.5	220.5	15,900	29.0	228.3	16,600	32.3	238.2	15,600	200
210	19.4	196.4	14,200	22.6	207.2	14,900	26.7	220.3	14,200	210
220	7.1	152.6	10,700	13.6	176.0	13,200	19.7	196.6	12,900	220
221	4.1	141.6	9,900	11.9	169.6	12,700	18.8	193.3	12,700	221
225				4.8	143.9	10,500	15.0	180.3	12,200	225
230							8.0	154.9	11,600	230
231							5.5	146.0	11,400	231
235										235
238										238
240										240
248										248
250										250
255										255

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



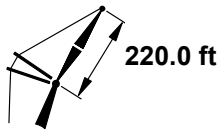
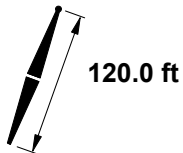
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
64													64
65													65
70													70
75													75
80													80
85													85
90													90
92													92
95													95
100													100
105													105
108	68.0	320.2	39,400										108
110	67.4	319.3	38,400										110
115	65.9	317.1	36,000										115
120	64.4	314.8	33,900										120
125	62.9	312.3	31,900										125
130	61.3	309.6	30,100										130
135	59.7	306.7	28,400	62.9	309.9	25,700							135
140	58.1	303.7	26,800	61.4	307.2	24,300							140
145	56.5	300.4	25,400	59.8	304.4	22,900							145
150	54.9	296.9	24,100	58.2	301.3	21,700							150
155	53.2	293.3	22,800	56.6	298.1	20,500							155
160	51.4	289.3	21,700	54.9	294.6	19,400							160
161	51.1	288.5	21,400	54.6	293.9	19,200	57.9	297.3	17,100				161
165	49.7	285.2	20,600	53.2	290.9	18,400	56.6	294.7	16,300				165
170	47.8	280.7	19,500	51.5	287.0	17,500	54.9	291.2	15,500				170
175	46.0	276.0	18,600	49.7	282.9	16,600	53.2	287.5	14,600				175
180	44.0	270.9	17,700	47.9	278.4	15,700	51.5	283.6	13,800				180
185	42.0	265.5	16,800	46.0	273.7	14,900	49.7	279.5	13,100				185
186	41.6	264.3	16,700	45.6	272.7	14,800	49.3	278.6	13,000	52.7	282.3	10,900	186
190	39.9	259.7	16,000	44.1	268.7	14,200	47.9	275.0	12,400	51.3	279.1	10,300	190
200	35.4	246.5	14,500	40.0	257.4	12,800	44.1	265.3	11,100	47.7	270.5	9,000	200
210	30.3	230.8	13,200	35.5	244.3	11,500	39.9	254.0	9,800	43.9	260.6	7,800	210
220	24.3	211.2	11,900	30.4	228.7	10,400	35.4	240.9	8,700	39.8	249.3	6,700	220
221	23.6	208.7	11,800	29.8	226.9	10,300	35.0	239.4	8,500	39.3	248.1	6,600	221
225	20.7	198.9	11,400	27.6	219.5	9,900	33.0	233.4	8,100	37.6	243.0	6,200	225
230	16.3	183.6	10,800	24.4	209.1	9,300	30.4	225.2	7,600	35.3	236.1	5,700	230
231	15.1	179.2	10,700	23.7	206.7	9,200	29.8	223.4	7,500	34.8	234.6	5,600	231
235	10.1	161.7	10,200	20.8	196.9	8,800	27.5	216.1	7,000	32.8	228.6	5,200	235
238	1.7	130.9	9,800	18.2	187.8	8,500	25.6	209.8	6,700				238
240				16.5	181.7	8,300	24.4	205.6	6,500				240
248				3.1	133.5	7,500	18.0	183.6	5,800				248
250							16.4	178.2	5,600				250
255							10.3	156.5	5,100				255

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



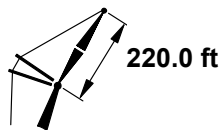
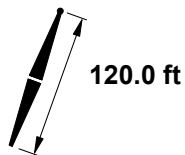
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
66	76.0	341.2	36,700							66
70	74.9	340.1	36,400							70
75	73.5	338.7	36,000							75
78	72.7	337.7	35,800	73.9	338.7	41,100				78
80	72.2	337.1	35,600	73.3	338.1	40,900				80
85	70.8	335.4	35,300	72.0	336.5	40,600				85
90	69.4	333.5	34,900	70.6	334.8	40,200				90
95	68.0	331.6	34,600	69.2	332.9	39,900	70.9	334.5	38,900	95
100	66.6	329.4	34,200	67.8	330.9	39,500	69.5	332.7	38,700	100
105	65.2	327.2	33,900	66.4	328.8	39,200	68.1	330.7	38,400	105
110	63.7	324.7	33,600	64.9	326.5	38,800	66.7	328.6	38,200	110
112	63.1	323.7	33,400	64.4	325.5	38,700	66.1	327.7	37,900	112
115	62.3	322.1	33,000	63.5	324.0	38,500	65.3	326.3	37,500	115
120	60.8	319.4	31,600	62.0	321.4	37,100	63.8	323.9	35,200	120
125	59.3	316.5	30,300	60.5	318.6	35,000	62.4	321.3	33,200	125
130	57.7	313.4	28,900	59.0	315.7	33,000	60.9	318.6	31,300	130
135	56.2	310.1	27,600	57.5	312.5	31,200	59.4	315.7	29,500	135
140	54.6	306.6	26,500	55.9	309.2	29,500	57.9	312.6	27,900	140
145	53.0	302.9	25,300	54.3	305.7	28,000	56.3	309.3	26,400	145
150	51.3	298.9	24,100	52.7	301.9	26,500	54.7	305.9	25,100	150
155	49.6	294.7	23,000	51.0	298.0	25,200	53.1	302.2	23,800	155
160	47.9	290.3	22,000	49.3	293.7	23,900	51.4	298.2	22,600	160
165	46.1	285.6	20,900	47.6	289.2	22,800	49.8	294.1	21,400	165
166	45.7	284.6	20,800	47.2	288.3	22,500	49.4	293.2	21,200	166
170	44.2	280.5	20,000	45.8	284.5	21,700	48.0	289.7	20,400	170
175	42.3	275.2	19,100	43.9	279.4	20,600	46.2	285.0	19,400	175
180	40.3	269.4	18,300	42.0	274.0	19,600	44.4	280.0	18,400	180
185	38.3	263.2	17,600	40.0	268.1	18,700	42.5	274.6	17,500	185
190	36.1	256.6	16,900	37.9	261.9	17,800	40.5	268.9	16,700	190
192	35.2	253.7	16,600	37.0	259.2	17,500	39.7	266.4	16,400	192
195	33.8	249.3	16,200	35.7	255.1	17,000	38.4	262.8	15,900	195
200	31.3	241.4	15,300	33.4	247.8	16,100	36.3	256.1	15,200	200
210	25.8	222.8	13,700	28.3	230.8	14,400	31.6	241.1	13,800	210
220	18.9	198.1	12,100	22.1	209.2	12,800	26.1	222.6	12,500	220
225	14.2	180.9	11,100	18.2	195.3	12,100	22.9	211.5	11,900	225
230	6.9	153.2	9,000	13.3	177.1	11,200	19.2	198.3	11,300	230
231	4.0	141.9	8,200	11.6	170.6	10,700	18.3	194.9	11,200	231
235				4.6	144.2	8,800	14.7	181.5	10,700	235
240							7.8	155.6	10,200	240
241							5.4	146.5	9,600	241
245										245
248										248
250										250
258										258

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



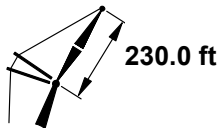
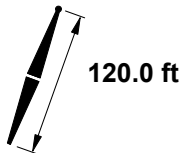
	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
66													66
70													70
75													75
78													78
80													80
85													85
90													90
95													95
100													100
105													105
110													110
112	67.9	329.3	36,900										112
115	67.1	328.1	35,500										115
120	65.6	325.8	33,400										120
125	64.2	323.5	31,400										125
130	62.7	320.9	29,600										130
135	61.3	318.2	27,900										135
140	59.8	315.4	26,400	62.8	318.6	23,800							140
145	58.2	312.3	24,900	61.3	315.9	22,400							145
150	56.7	309.1	23,600	59.8	313.0	21,200							150
155	55.1	305.7	22,400	58.3	310.0	20,000							155
160	53.5	302.0	21,200	56.7	306.7	18,900							160
165	51.8	298.2	20,100	55.2	303.3	17,900							165
166	51.5	297.3	19,900	54.8	302.6	17,700	58.0	306.0	15,600				166
170	50.2	294.1	19,100	53.5	299.7	17,000	56.7	303.4	14,900				170
175	48.4	289.7	18,100	51.9	295.8	16,100	55.1	299.9	14,100				175
180	46.7	285.1	17,200	50.2	291.8	15,300	53.5	296.3	13,300				180
185	44.8	280.1	16,400	48.5	287.4	14,500	51.9	292.4	12,600				185
190	42.9	274.9	15,600	46.7	282.8	13,700	50.2	288.4	11,800				190
192	42.2	272.6	15,300	46.0	280.8	13,400	49.5	286.6	11,500	52.7	290.3	9,200	192
195	41.0	269.3	14,800	44.9	277.9	13,000	48.5	284.0	11,100	51.7	287.9	8,800	195
200	38.9	263.2	14,100	43.0	272.6	12,300	46.7	279.4	10,400	50.1	283.8	8,200	200
210	34.5	249.7	12,700	39.0	261.0	11,100	43.0	269.2	9,100	46.6	274.8	7,000	210
220	29.6	233.5	11,500	34.6	247.5	9,900	39.0	257.6	7,900	42.8	264.6	5,900	220
225	26.8	224.0	10,900	32.2	239.8	9,400	36.8	251.1	7,400	40.9	258.9	5,400	225
230	23.7	213.3	10,400	29.7	231.3	8,800	34.6	244.0	6,900				230
231	23.0	210.7	10,300	29.1	229.5	8,700	34.1	242.5	6,800				231
235	20.2	200.6	9,900	26.9	221.9	8,300	32.2	236.3	6,400				235
240	15.9	185.0	9,300	23.8	211.2	7,700	29.6	227.9	5,900				240
241	14.7	180.5	9,200	23.1	208.7	7,600	29.1	226.0	5,800				241
245	9.9	162.5	8,800	20.3	198.7	7,200	26.9	218.4	5,400				245
248	1.7	131.0	8,500	17.8	189.4	6,900							248
250				16.1	183.1	6,700							250
258				3.0	133.7	5,900							258

MLC250 S-2

ASME B30.5



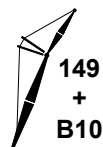
184,600 lb
+
44,000 lb



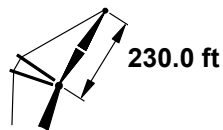
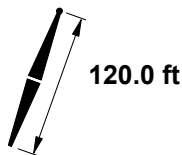
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
69	75.8	350.7	33,900							69
70	75.6	350.5	33,800							70
75	74.3	349.1	33,500							75
80	73.0	347.6	33,200							80
81	72.7	347.3	33,100	73.8	348.3	38,200				81
85	71.7	346.0	32,900	72.8	347.0	38,000				85
90	70.4	344.2	32,600	71.5	345.4	37,700				90
95	69.0	342.3	32,200	70.1	343.6	37,400				95
98	68.2	341.1	32,000	69.3	342.5	37,200	71.0	344.1	36,600	98
100	67.7	340.3	31,800	68.8	341.7	37,000	70.5	343.3	36,500	100
105	66.3	338.1	31,400	67.5	339.7	36,700	69.1	341.5	36,300	105
110	65.0	335.9	31,100	66.1	337.5	36,400	67.8	339.5	36,100	110
115	63.6	333.4	30,700	64.7	335.2	36,100	66.4	337.3	35,900	115
116	63.3	332.9	30,500	64.4	334.7	35,900	66.2	336.9	35,700	116
120	62.2	330.8	29,900	63.3	332.7	34,900	65.1	335.0	34,900	120
125	60.7	328.0	28,700	61.9	330.1	33,700	63.7	332.6	32,900	125
130	59.3	325.1	27,500	60.5	327.3	32,500	62.3	330.0	31,000	130
135	57.8	322.0	26,300	59.1	324.3	30,900	60.9	327.3	29,200	135
140	56.3	318.8	25,200	57.6	321.2	29,200	59.4	324.4	27,600	140
144	55.1	316.0	24,400	56.4	318.6	28,000	58.2	321.9	26,400	144
145	54.8	315.3	24,100	56.1	317.9	27,700	58.0	321.3	26,100	145
150	53.3	311.6	23,100	54.6	314.4	26,200	56.5	318.0	24,700	150
155	51.7	307.7	22,100	53.0	310.7	24,900	55.0	314.6	23,500	155
160	50.1	303.6	21,200	51.4	306.8	23,600	53.4	310.9	22,200	160
165	48.4	299.3	20,300	49.8	302.6	22,500	51.8	307.1	21,100	165
170	46.7	294.6	19,400	48.2	298.2	21,400	50.2	303.0	20,100	170
171	46.4	293.7	19,200	47.8	297.3	21,100	49.9	302.1	19,900	171
175	45.0	289.7	18,600	46.5	293.6	20,300	48.6	298.6	19,100	175
180	43.2	284.5	17,800	44.7	288.6	19,300	46.9	294.0	18,100	180
185	41.3	279.0	17,100	42.9	283.3	18,400	45.1	289.1	17,300	185
190	39.4	273.0	16,400	41.0	277.7	17,600	43.4	284.0	16,400	190
195	37.4	266.6	15,800	39.1	271.7	16,600	41.5	278.4	15,600	195
200	35.3	259.7	15,000	37.0	265.2	15,700	39.6	272.5	14,900	200
205	33.0	252.3	14,100	34.9	258.3	14,800	37.6	266.2	14,200	205
210	30.6	244.1	13,300	32.6	250.7	14,000	35.4	259.3	13,500	210
220	25.3	225.0	11,800	27.6	233.2	12,400	30.8	243.8	12,200	220
230	18.5	199.7	10,500	21.6	211.0	11,000	25.5	224.9	11,000	230
240	6.7	153.7	7,400	13.0	178.3	9,600	18.8	199.9	10,000	240
241	3.9	142.3	6,700	11.3	171.5	9,100	17.9	196.5	9,900	241
245				4.5	144.6	7,300	14.4	182.8	9,400	245
250							7.6	156.2	8,600	250
251							5.3	146.9	8,000	251
258										258
260										260

MLC250 S-2

ASME B30.5



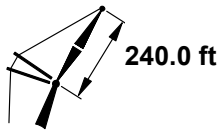
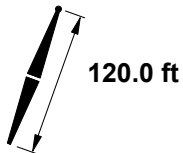
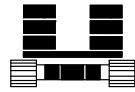
184,600 lb
+
44,000 lb



	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
69										69
70										70
75										75
80										80
81										81
85										85
90										90
95										95
98										98
100										100
105										105
110										110
115										115
116	67.8	338.5	34,800							116
120	66.8	336.8	33,000							120
125	65.4	334.5	31,100							125
130	64.0	332.1	29,200							130
135	62.6	329.6	27,600							135
140	61.2	326.9	26,000							140
144	60.0	324.6	24,900	62.9	327.8	22,400				144
145	59.8	324.0	24,600	62.7	327.2	22,100				145
150	58.3	321.0	23,300	61.3	324.5	20,900				150
155	56.8	317.8	22,000	59.8	321.7	19,700				155
160	55.3	314.4	20,900	58.4	318.6	18,600				160
165	53.8	310.8	19,800	56.9	315.4	17,600				165
170	52.2	307.0	18,800	55.4	312.0	16,700				170
171	51.9	306.1	18,600	55.1	311.3	16,500	58.0	314.6	14,400	171
175	50.6	302.9	17,800	53.8	308.4	15,800	56.9	312.0	13,800	175
180	49.0	298.6	16,900	52.3	304.6	14,900	55.4	308.6	12,900	180
185	47.3	294.1	16,100	50.7	300.6	14,200	53.8	305.0	12,100	185
190	45.6	289.3	15,300	49.0	296.3	13,400	52.3	301.2	11,400	190
195	43.8	284.2	14,500	47.4	291.8	12,700	50.7	297.2	10,600	195
200	41.9	278.7	13,800	45.6	287.0	12,000	49.0	292.9	9,900	200
205	40.0	272.9	13,100	43.9	281.9	11,400	47.3	288.4	9,300	205
210	38.0	266.7	12,500	42.0	276.5	10,800	45.6	283.6	8,700	210
220	33.8	252.7	11,200	38.1	264.4	9,600	42.0	273.1	7,500	220
230	28.9	236.1	10,100	33.8	250.5	8,400	38.1	261.0	6,400	230
240	23.2	215.3	9,100	29.0	233.9	7,300	33.8	247.1	5,400	240
241	22.5	212.7	9,000	28.5	232.0	7,200				241
245	19.7	202.4	8,600	26.3	224.3	6,800				245
250	15.5	186.3	8,100	23.3	213.3	6,300				250
251	13.8	179.4	8,000	22.5	210.4	6,200				251
258	1.6	131.1	7,300	17.2	190.3	5,600				258
260				15.7	184.5	5,400				260

MLC250 S-2

ASME B30.5



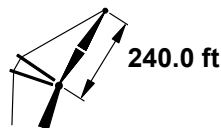
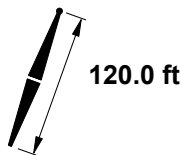
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
71	75.9	360.5	30,800							71
75	75.0	359.5	30,500							75
80	73.7	358.0	30,200							80
83	73.0	357.1	30,000	74.0	358.1	34,600				83
85	72.5	356.5	29,900	73.5	357.5	34,500				85
90	71.2	354.8	29,600	72.3	355.9	34,200				90
95	69.9	353.0	29,300	71.0	354.2	33,900				95
100	68.7	351.1	29,000	69.7	352.4	33,600				100
102	68.1	350.3	28,900	69.2	351.6	33,500	70.8	353.2	32,900	102
105	67.4	349.1	28,700	68.4	350.5	33,300	70.0	352.2	32,800	105
110	66.1	346.9	28,400	67.2	348.4	33,000	68.8	350.3	32,600	110
115	64.8	344.5	28,200	65.9	346.2	32,700	67.5	348.2	32,400	115
120	63.4	342.1	27,900	64.5	343.9	32,400	66.2	346.0	32,200	120
125	62.1	339.5	27,600	63.2	341.4	32,000	64.9	343.7	31,900	125
130	60.7	336.7	26,500	61.9	338.7	30,900	63.5	341.3	30,500	130
135	59.3	333.8	25,400	60.5	335.9	29,900	62.2	338.7	28,800	135
140	57.9	330.7	24,400	59.1	333.0	28,800	60.8	335.9	27,200	140
145	56.5	327.4	23,500	57.7	329.9	27,300	59.4	333.0	25,700	145
149	55.3	324.7	22,700	56.5	327.2	26,100	58.3	330.6	24,600	149
150	55.0	324.0	22,500	56.3	326.6	25,800	58.0	329.9	24,300	150
155	53.6	320.4	21,600	54.8	323.1	24,500	56.6	326.7	23,000	155
160	52.1	316.5	20,700	53.3	319.5	23,200	55.2	323.3	21,800	160
165	50.5	312.5	19,800	51.8	315.6	22,100	53.7	319.7	20,700	165
170	49.0	308.2	19,000	50.3	311.5	21,000	52.2	315.8	19,600	170
175	47.4	303.7	18,200	48.7	307.2	19,900	50.7	311.8	18,600	175
177	46.7	301.8	17,900	48.1	305.3	19,500	50.0	310.1	18,300	177
180	45.7	298.9	17,500	47.1	302.6	18,900	49.1	307.6	17,700	180
185	44.0	293.8	16,800	45.4	297.8	18,000	47.5	303.0	16,800	185
190	42.2	288.4	16,100	43.7	292.6	17,100	45.8	298.3	16,000	190
195	40.4	282.7	15,300	41.9	287.2	16,100	44.1	293.2	15,200	195
200	38.5	276.5	14,400	40.1	281.4	15,200	42.4	287.9	14,500	200
205	36.6	269.9	13,600	38.2	275.2	14,300	40.6	282.1	13,700	205
210	34.5	262.8	12,800	36.2	268.5	13,500	38.7	276.0	13,100	210
215	32.3	255.2	12,000	34.1	261.3	12,700	36.7	269.5	12,400	215
220	30.0	246.8	11,300	31.9	253.5	11,900	34.7	262.4	11,800	220
230	24.7	227.2	10,000	27.0	235.6	10,500	30.2	246.5	10,600	230
235	21.6	215.3	9,300	24.2	225.1	9,800	27.7	237.3	10,100	235
240	18.1	201.3	8,700	21.1	212.9	9,200	25.0	227.1	9,600	240
250	6.6	154.3	5,900	12.7	179.4	7,900	18.4	201.5	8,600	250
251	3.8	142.6	5,200	11.1	172.5	7,400	17.5	198.0	8,500	251
255				4.4	145.0	5,700	14.0	184.0	8,100	255
260							7.5	156.8	7,000	260
261							5.2	147.3	6,400	261
268										268

MLC250 S-2

ASME B30.5



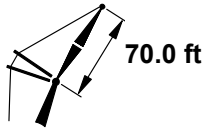
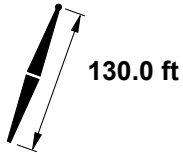
184,600 lb
+
44,000 lb



	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
71										71
75										75
80										80
83										83
85										85
90										90
95										95
100										100
102										102
105										105
110										110
115										115
120	67.8	347.7	32,600							120
125	66.5	345.5	30,600							125
130	65.2	343.2	28,800							130
135	63.9	340.8	27,100							135
140	62.5	338.3	25,600							140
145	61.2	335.6	24,100							145
149	60.0	333.3	23,100	62.8	336.4	20,600				149
150	59.8	332.7	22,800	62.6	335.9	20,400				150
155	58.4	329.7	21,600	61.2	333.2	19,200				155
160	57.0	326.5	20,400	59.8	330.3	18,100				160
165	55.5	323.1	19,300	58.4	327.3	17,100				165
170	54.1	319.5	18,300	57.0	324.1	16,200				170
175	52.6	315.7	17,400	55.6	320.7	15,300				175
177	51.9	314.1	17,000	55.0	319.3	15,000	57.8	322.7	12,700	177
180	51.0	311.8	16,500	54.1	317.2	14,500	57.0	320.7	12,200	180
185	49.5	307.5	15,600	52.6	313.4	13,700	55.6	317.3	11,400	185
190	47.9	303.1	14,800	51.1	309.4	12,900	54.1	313.8	10,600	190
195	46.2	298.4	14,100	49.5	305.2	12,200	52.6	310.0	9,900	195
200	44.6	293.4	13,400	47.9	300.8	11,500	51.1	306.0	9,200	200
205	42.8	288.1	12,700	46.3	296.1	10,800	49.5	301.8	8,600	205
210	41.0	282.5	12,000	44.6	291.1	10,200	47.9	297.4	7,900	210
215	39.2	276.5	11,400	42.9	285.9	9,500	46.3	292.7	7,400	215
220	37.2	270.1	10,800	41.1	280.2	8,900	44.6	287.7	6,800	220
230	33.0	255.7	9,700	37.3	267.8	7,700	41.1	276.8	5,700	230
235	30.7	247.5	9,200	35.2	260.9	7,200	39.2	270.8	5,200	235
240	28.3	238.6	8,700	33.1	253.5	6,700				240
250	22.7	217.3	7,600	28.4	236.5	5,700				250
251	22.0	214.7	7,500	27.9	234.5	5,600				251
255	19.3	204.1	7,100	25.7	226.5	5,200				255
260	15.2	187.6	6,600							260
261	13.5	180.6	6,500							261
268	1.6	131.2	5,800							268

MLC250 S-2

ASME B30.5



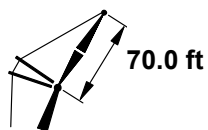
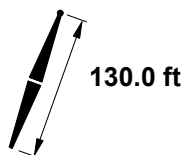
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	ft
32	74.3	205.1	146,900 d							32
34	72.6	204.4	141,900 d							34
36	70.8	203.7	137,200 d							36
37	69.9	203.3	134,900 d	73.9	204.6	144,300 d				37
38	69.1	202.9	132,600 d	73.0	204.3	141,900 d				38
40	67.3	202.1	128,300 c	71.3	203.6	137,200 d				40
45	62.7	199.7	118,400 b	66.9	201.6	126,500 c				45
48	59.9	197.9	113,300 b	64.1	200.1	120,800 c	70.2	202.4	130,400 d	48
50	58.0	196.7	109,800 b	62.3	199.1	117,000 b	68.4	201.6	123,500 d	50
55	52.9	193.1	102,300	57.5	196.1	108,600	63.9	199.3	109,000 b	55
58	49.7	190.5	98,400	54.5	193.9	104,000	61.1	197.6	102,000 b	58
60	47.5	188.8	95,700	52.5	192.4	101,000	59.2	196.4	97,400 b	60
65	41.6	183.5	90,000	47.0	188.0	91,100	54.3	193.0	87,900	65
70	34.8	176.9	84,800	41.0	182.7	82,800	49.0	188.9	79,900	70
74	28.2	169.9	79,000	35.5	177.2	77,200	44.3	184.9	74,500	74
75	26.5	168.1	77,600	34.1	175.9	75,800	43.2	183.9	73,200	75
80	14.1	153.8	65,900	25.6	166.8	69,800	36.7	177.7	67,300	80
81	9.7	148.6	60,400	22.9	163.7	68,700	35.1	176.1	66,300	81
85				12.2	151.3	64,400	28.9	169.6	62,300	85
86				6.6	144.4	58,800	26.7	167.2	61,400	86
90							18.1	157.5	57,700	90
93							3.9	140.5	55,100	93
95										95
99										99
100										100
105										105
106										106
110										110
115										115
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121										121
125										125
130										130
131										131

MLC250 S-2

ASME B30.5



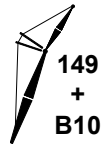
184,600 lb
+
44,000 lb



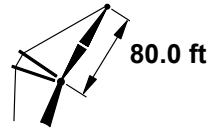
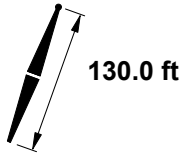
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	lb	ft	ft	
32													32
34													34
36													36
37													37
38													38
40													40
45													45
48													48
50													50
55													55
58	67.3	199.9	98,000 c										58
60	65.5	199.0	93,800 b										60
65	60.9	196.3	84,600 b										65
70	56.0	193.1	77,000										70
74	51.9	190.0	71,800	62.8	194.8	67,100 b							74
75	50.8	189.3	70,500	61.8	194.3	65,900 b							75
80	45.2	184.6	64,900	57.0	191.2	60,700							80
81	44.0	183.5	63,900	56.0	190.4	59,800							81
85	39.0	178.9	60,000	51.9	187.5	56,200							85
86	37.5	177.4	59,100	50.8	186.6	55,400							86
90	31.7	171.5	55,700	46.4	183.0	52,200	57.8	188.1	48,600 b				90
93	26.1	165.4	53,400	42.8	179.7	50,000	54.7	185.9	46,600 b				93
95	22.4	161.3	51,900	40.4	177.5	48,600	52.7	184.5	45,300				95
99	9.7	146.4	49,000	34.8	172.0	46,100	48.4	181.0	42,900				99
100				33.4	170.6	45,400	47.3	180.1	42,300				100
105				24.6	161.1	42,500	41.3	174.8	39,700				105
106				21.7	157.7	42,000	40.0	173.5	39,200	52.1	179.5	36,300	106
110				9.9	143.9	39,800	34.5	168.2	37,300	47.8	176.0	34,600	110
115							26.1	159.2	35,000	41.8	170.8	32,500	115
120							13.3	144.4	32,900	35.1	164.2	30,600	120
121							8.5	138.6	32,500	33.4	162.5	30,300	121
125										26.9	155.6	28,900	125
130										14.8	141.6	27,200	130
131										10.7	136.8	26,900	131

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



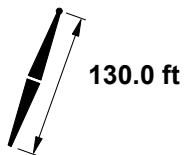
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
33	75.6	215.2	138,700 d							33
34	74.8	214.9	136,500 d							34
36	73.3	214.3	132,200 d							36
38	71.8	213.6	128,000 d							38
40	70.3	212.9	124,000 c	73.7	214.1	132,500 d				40
45	66.4	210.8	114,900 b	69.9	212.4	122,500 c				45
50	62.4	208.3	106,800	66.0	210.3	113,700 b				50
51	61.6	207.7	105,300	65.2	209.8	112,100 b	70.5	211.9	119,900 c	51
55	58.2	205.4	99,500	62.0	207.7	105,800	67.4	210.3	108,500 b	55
60	53.9	201.9	93,200	57.8	204.7	98,800	63.4	207.9	96,900 b	60
61	52.9	201.1	92,100	57.0	204.0	97,200	62.6	207.4	95,000 b	61
65	49.2	197.8	87,500	53.4	201.2	90,800	59.3	205.1	87,400	65
70	44.2	192.9	82,100	48.8	197.0	82,600	55.0	201.7	79,500	70
75	38.7	187.1	75,000	43.7	192.1	75,600	50.5	197.8	72,800	75
79	33.7	181.3	70,300	39.3	187.3	70,800	46.5	194.1	68,200	79
80	32.4	179.8	69,100	38.2	186.1	69,600	45.6	193.2	67,000	80
85	24.7	170.3	64,700	31.8	178.7	64,400	40.2	187.6	62,000	85
90	13.1	154.9	58,200	23.9	168.9	59,800	34.2	180.8	57,600	90
91	9.0	149.3	53,500	21.4	165.5	58,900	32.7	179.0	56,800	91
95				11.4	152.2	55,600	26.9	172.0	53,600	95
96				6.1	144.9	52,300	24.9	169.4	52,900	96
100							16.9	159.0	50,100	100
103							3.6	140.7	48,000	103
105										105
109										109
110										110
112										112
115										115
120										120
125										125
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131										131
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141										141

MLC250 S-2

ASME B30.5



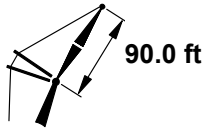
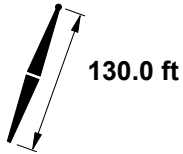
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
33													33
34													34
36													36
38													38
40													40
45													45
50													50
51													51
55													55
60													60
61	68.0	209.5	91,300 b										61
65	64.8	207.7	84,100 b										65
70	60.8	205.0	76,500										70
75	56.5	201.8	70,000										75
79	53.0	198.9	65,500	62.4	203.5	61,100							79
80	52.1	198.1	64,400	61.6	202.9	60,100							80
85	47.3	193.7	59,600	57.4	199.9	55,600							85
90	42.1	188.5	55,300	53.0	196.3	51,600							90
91	41.0	187.2	54,600	52.1	195.4	50,900							91
95	36.3	182.2	51,600	48.3	192.0	48,100							95
96	35.0	180.6	50,900	47.3	191.0	47,500	57.2	196.1	44,100				96
100	29.6	174.2	48,200	43.2	187.0	45,000	53.7	193.3	41,800				100
103	24.4	167.5	46,400	39.8	183.4	43,300	50.9	190.8	40,200				103
105	20.9	163.1	45,200	37.6	181.0	42,200	49.0	189.1	39,100				105
109	9.0	147.1	42,800	32.4	174.9	40,100	45.0	185.2	37,200				109
110				31.1	173.4	39,600	44.0	184.2	36,800				110
112				27.8	169.3	38,700	41.8	181.9	35,900	52.2	187.5	33,100	112
115				22.9	163.2	37,300	38.5	178.4	34,600	49.4	185.0	31,900	115
120				9.2	144.7	35,000	32.2	171.0	32,600	44.4	180.1	30,100	120
125							24.3	161.4	30,800	39.0	174.4	28,400	125
130							12.4	145.4	29,000	32.7	167.2	26,800	130
131							7.9	139.3	28,600	31.2	165.3	26,500	131
135										25.1	157.8	25,400	135
140										13.7	142.8	24,000	140
141										10.0	137.6	23,700	141

MLC250 S-2

ASME B30.5



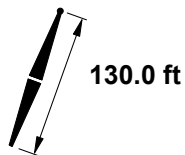
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
35	75.9	225.0	124,600 d							35
36	75.2	224.7	123,800 d							36
38	73.9	224.1	122,200 d							38
40	72.6	223.5	120,100 c							40
43	70.5	222.4	115,000 c	73.6	223.7	122,400 d				43
45	69.2	221.7	111,600 b	72.2	223.0	118,900 c				45
50	65.7	219.5	104,000	68.8	221.2	110,700 b				50
54	62.8	217.5	98,500	66.1	219.4	104,800 b	70.7	221.5	110,900 b	54
55	62.1	217.0	97,200	65.4	219.0	103,300	70.1	221.1	108,200 b	55
60	58.4	214.0	91,100	61.8	216.4	96,600	66.6	219.0	96,600 b	60
65	54.6	210.6	85,600	58.1	213.4	90,600	63.1	216.6	87,200	65
70	50.5	206.7	80,000	54.2	210.0	82,400	59.4	213.8	79,200	70
75	46.2	202.1	73,000	50.1	206.0	75,400	55.6	210.5	72,500	75
80	41.6	196.8	66,800	45.8	201.3	69,400	51.6	206.7	66,800	80
83	38.5	192.9	63,600	43.0	198.1	66,300	49.0	204.0	63,800	83
85	36.4	190.4	61,500	41.1	195.9	64,200	47.4	202.3	61,800	85
90	30.5	182.6	57,100	35.9	189.4	59,700	42.8	197.1	57,400	90
95	23.2	172.3	53,900	29.9	181.4	55,600	37.8	191.1	53,500	95
100	12.3	155.9	50,600	22.4	170.9	52,000	32.1	183.7	50,000	100
101	8.4	150.0	47,800	20.1	167.3	51,300	30.7	181.8	49,400	101
105				10.7	153.1	48,700	25.3	174.2	46,900	105
106				5.7	145.3	46,800	23.4	171.4	46,300	106
110							15.9	160.3	44,000	110
113							3.3	140.9	42,300	113
115										115
118										118
119										119
120										120
125										125
130										130
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141										141
145										145
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151										151

MLC250 S-2

ASME B30.5



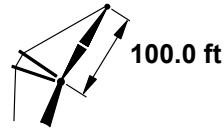
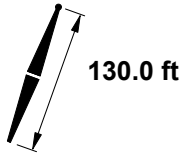
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
35													35
36													36
38													38
40													40
43													43
45													45
50													50
54													54
55													55
60													60
65	67.8	218.7	83,800 b										65
70	64.3	216.3	76,100										70
75	60.7	213.7	69,700										75
80	56.9	210.5	64,100										80
83	54.6	208.3	61,200	62.9	212.7	57,000							83
85	53.0	206.9	59,300	61.4	211.6	55,200							85
90	48.8	202.7	55,100	57.7	208.6	51,300							90
95	44.4	197.9	51,400	53.8	205.1	47,800							95
100	39.6	192.1	48,000	49.7	201.0	44,700							100
101	38.5	190.8	47,400	48.8	200.0	44,100	57.5	204.8	40,800				101
105	34.2	185.3	45,000	45.3	196.3	41,900	54.4	202.0	38,800				105
106	32.9	183.5	44,500	44.4	195.2	41,400	53.6	201.2	38,300				106
110	27.8	176.7	42,300	40.6	190.8	39,400	50.4	198.0	36,400				110
113	22.9	169.6	40,800	37.4	186.8	38,000	47.8	195.3	35,100				113
115	19.6	164.8	39,800	35.3	184.2	37,100	46.0	193.4	34,300				115
118	11.3	152.0	38,400	31.7	179.2	35,800	43.2	190.2	33,100	52.3	195.5	30,400	118
119	8.5	147.8	37,900	30.4	177.6	35,400	42.3	189.1	32,700	51.5	194.7	30,100	119
120				29.2	176.0	35,000	41.3	188.1	32,300	50.7	193.9	29,700	120
125				21.6	165.0	33,000	36.2	181.6	30,500	46.4	189.3	28,100	125
130				8.6	145.4	31,100	30.2	173.8	28,900	41.7	184.0	26,500	130
135							22.9	163.4	27,300	36.6	177.7	25,100	135
140							11.6	146.4	25,800	30.7	169.9	23,800	140
141							7.4	139.8	25,500	29.3	167.9	23,500	141
145										23.6	159.8	22,500	145
150										12.9	143.9	21,300	150
151										9.3	138.4	21,100	151

MLC250 S-2

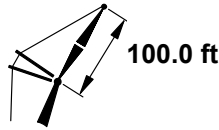
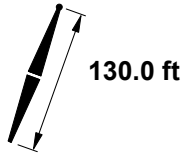
ASME B30.5



	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
38	75.5	234.5	111,300 d							38
40	74.4	234.0	111,300 c							40
45	71.3	232.4	106,800 b							45
46	70.7	232.0	105,600 b	73.5	233.2	113,100 b				46
50	68.3	230.4	100,800	71.1	231.9	107,100 b				50
55	65.1	228.2	94,400	68.0	229.9	100,300				55
57	63.9	227.2	92,100	66.7	229.0	97,700	70.9	231.0	102,800 b	57
60	61.9	225.6	88,600	64.8	227.7	93,900	69.1	229.9	96,100	60
65	58.6	222.7	83,400	61.6	225.1	88,300	66.0	227.7	86,700	65
69	55.8	220.0	79,600	58.9	222.7	83,200	63.4	225.8	80,300	69
70	55.1	219.3	78,600	58.3	222.1	82,000	62.8	225.3	78,800	70
75	51.5	215.5	71,600	54.8	218.7	75,000	59.5	222.4	72,100	75
80	47.7	211.2	65,600	51.2	214.8	69,100	56.1	219.2	66,300	80
85	43.7	206.2	60,200	47.4	210.4	63,900	52.5	215.5	61,300	85
88	41.0	202.7	57,500	44.9	207.4	61,200	50.2	212.9	58,700	88
90	39.3	200.4	55,600	43.3	205.3	59,300	48.7	211.3	57,000	90
95	34.4	193.5	51,600	38.9	199.4	55,300	44.8	206.4	53,100	95
100	28.9	185.1	48,300	33.9	192.5	51,700	40.5	200.9	49,700	100
105	22.0	174.3	45,900	28.3	183.9	48,500	35.7	194.3	46,600	105
106	19.9	170.8	45,500	26.9	181.7	47,900	34.7	192.7	46,000	106
110	11.6	156.9	44,100	21.2	172.7	45,600	30.4	186.4	43,800	110
111	8.0	150.6	41,700	19.0	168.9	45,000	29.1	184.4	43,300	111
115				10.1	153.9	42,900	23.9	176.3	41,200	115
116				5.3	145.7	41,100	22.2	173.4	40,800	116
120							15.0	161.6	38,900	120
123							3.1	141.1	37,400	123
124										124
125										125
129										129
130										130
135										135
140										140
145										145
150										150
151										151
155										155
160										160
161										161

MLC250 S-2

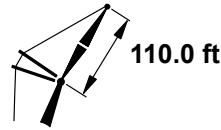
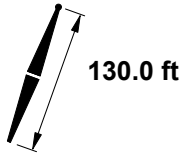
ASME B30.5



	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
38													38
40													40
45													45
46													46
50													50
55													55
57													57
60													60
65													65
69	67.7	227.8	77,000										69
70	67.0	227.4	75,600										70
75	63.9	225.0	69,100										75
80	60.6	222.3	63,600										80
85	57.2	219.2	58,800										85
88	55.1	217.1	56,300	62.6	221.4	52,200							88
90	53.7	215.7	54,600	61.3	220.3	50,700							90
95	50.0	211.6	50,900	57.9	217.2	47,200							95
100	46.2	207.0	47,600	54.5	213.8	44,100							100
105	42.0	201.7	44,600	50.8	209.9	41,400							105
106	41.1	200.5	44,100	50.1	209.0	40,900	57.8	213.5	37,700				106
110	37.4	195.6	41,900	47.0	205.4	38,900	55.0	210.7	35,800				110
111	36.4	194.1	41,400	46.1	204.4	38,400	54.3	210.0	35,400				111
115	32.3	188.2	39,500	42.9	200.2	36,600	51.4	206.9	33,700				115
116	31.1	186.3	39,000	42.0	199.0	36,200	50.6	206.0	33,300				116
120	26.3	179.0	37,300	38.4	194.3	34,500	47.6	202.5	31,800				120
123	21.7	171.4	36,000	35.4	190.0	33,400	45.1	199.5	30,700				123
124	20.1	168.9	35,600	34.4	188.6	33,000	44.3	198.5	30,400	52.4	203.5	27,800	124
125	18.6	166.4	35,200	33.4	187.2	32,600	43.5	197.5	30,000	51.7	202.7	27,400	125
129	8.0	148.4	33,600	28.8	180.2	31,200	40.0	192.8	28,700	48.6	199.2	26,200	129
130				27.7	178.4	30,800	39.1	191.6	28,400	47.9	198.4	25,900	130
135				20.4	166.8	29,200	34.2	184.7	26,900	43.8	193.4	24,500	135
140				8.1	146.0	27,600	28.6	176.3	25,500	39.5	187.6	23,200	140
145							21.7	165.3	24,100	34.6	180.8	22,000	145
150							11.0	147.3	22,800	29.1	172.5	20,900	150
151							6.9	140.4	22,600	27.7	170.4	20,700	151
155										22.3	161.8	19,800	155
160										12.2	144.9	18,800	160
161										8.8	139.1	18,500	161

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ASME B30.5



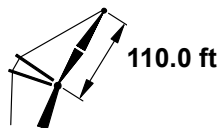
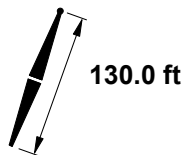
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
40	75.8	244.4	100,400 b							40
45	73.1	242.9	97,900 b							45
48	71.5	241.9	96,300 b	73.9	243.1	106,400 b				48
50	70.4	241.2	95,300	72.8	242.4	103,700 b				50
55	67.5	239.2	91,800	70.1	240.7	97,400				55
60	64.7	236.9	86,300	67.3	238.7	91,600				60
61	64.1	236.4	85,300	66.7	238.2	90,500	70.5	240.2	94,000	61
65	61.7	234.3	81,300	64.4	236.4	86,200	68.3	238.6	86,500	65
70	58.7	231.4	76,500	61.5	233.7	81,200	65.4	236.4	78,600	70
73	56.8	229.4	72,700	59.6	231.9	77,400	63.7	234.9	74,600	73
75	55.6	228.1	70,200	58.4	230.8	74,900	62.5	233.9	72,000	75
80	52.4	224.3	64,300	55.3	227.4	69,000	59.5	231.1	66,200	80
85	49.0	220.1	59,100	52.0	223.6	63,800	56.4	227.9	61,200	85
90	45.4	215.4	54,500	48.6	219.4	59,300	53.2	224.3	56,900	90
92	43.8	213.2	52,900	47.2	217.5	57,700	51.9	222.6	55,300	92
95	41.5	210.0	50,500	45.0	214.6	55,300	49.8	220.2	53,000	95
100	37.4	203.8	46,900	41.1	209.1	51,700	46.3	215.6	49,600	100
105	32.8	196.4	43,800	37.0	202.8	48,500	42.5	210.4	46,500	105
110	27.5	187.6	41,300	32.3	195.4	45,600	38.5	204.4	43,800	110
111	26.1	185.3	40,900	31.2	193.6	45,100	37.6	203.0	43,200	111
115	20.9	176.1	39,500	26.9	186.3	43,000	34.0	197.4	41,200	115
120	11.0	157.8	38,900	20.2	174.5	40,600	28.9	189.0	38,900	120
121	7.6	151.2	36,900	18.1	170.5	40,100	27.7	186.8	38,500	121
125				9.6	154.7	38,300	22.8	178.3	36,800	125
126				5.1	146.1	36,400	21.1	175.2	36,400	126
130							14.3	162.8	34,800	130
133							2.9	141.2	33,600	133
135										135
139										139
140										140
145										145
150										150
155										155
160										160
161										161
165										165
170										170
171										171

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



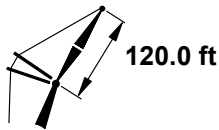
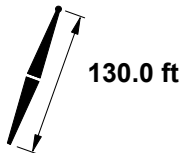
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
40													40
45													45
48													48
50													50
55													55
60													60
61													61
65													65
70													70
73	67.5	237.0	71,400										73
75	66.4	236.1	69,000										75
80	63.5	233.7	63,500										80
85	60.6	231.0	58,700										85
90	57.5	227.9	54,500										90
92	56.2	226.5	53,000	63.0	230.6	49,100							92
95	54.3	224.4	50,800	61.2	228.9	47,100							95
100	51.0	220.5	47,500	58.1	225.9	44,000							100
105	47.5	216.1	44,500	55.0	222.5	41,200							105
110	43.9	211.1	41,900	51.7	218.7	38,700							110
111	43.1	210.0	41,400	51.0	217.8	38,300	58.0	222.2	35,200				111
115	39.9	205.4	39,400	48.3	214.4	36,500	55.5	219.5	33,500				115
120	35.6	198.8	37,200	44.6	209.5	34,400	52.2	215.7	31,600				120
121	34.6	197.2	36,800	43.9	208.4	34,000	51.5	214.9	31,300				121
125	30.7	190.9	35,200	40.8	204.0	32,500	48.8	211.5	29,900				125
126	29.6	189.0	34,800	39.9	202.7	32,200	48.1	210.5	29,500				126
130	25.0	181.2	33,300	36.5	197.6	30,800	45.2	206.7	28,300	52.5	211.5	25,800	130
133	20.6	173.3	32,300	33.7	193.0	29,800	42.9	203.5	27,400	50.4	209.0	25,000	133
135	17.7	168.0	31,600	31.8	190.0	29,200	41.4	201.3	26,800	49.1	207.3	24,400	135
139	7.6	149.0	30,200	27.4	182.6	28,000	38.0	196.3	25,700	46.2	203.5	23,400	139
140				26.3	180.8	27,700	37.2	195.0	25,400	45.5	202.6	23,100	140
145				19.4	168.5	26,300	32.5	187.7	24,100	41.7	197.2	21,900	145
150				7.7	146.6	24,900	27.2	178.7	22,900	37.5	191.0	20,800	150
155							20.6	167.1	21,700	32.9	183.8	19,800	155
160							10.4	148.2	20,600	27.7	175.0	18,800	160
161							6.6	140.9	20,400	26.4	172.7	18,600	161
165										21.2	163.6	17,800	165
170										11.6	145.9	16,900	170
171										8.4	139.8	16,700	171

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



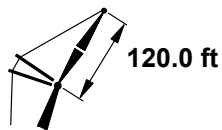
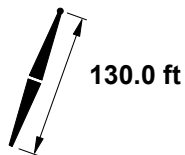
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
42	76.0	254.2	90,800 b							42
45	74.6	253.3	89,600 b							45
50	72.1	251.8	87,500							50
51	71.5	251.4	87,100	73.8	252.6	98,800 b				51
55	69.5	250.0	85,400	71.8	251.3	94,200				55
60	66.9	247.9	83,800	69.3	249.5	88,800				60
64	64.8	246.1	80,000	67.2	247.8	84,800	70.7	249.8	87,800	64
65	64.3	245.6	79,100	66.7	247.4	83,800	70.2	249.4	86,000	65
70	61.6	243.0	73,800	64.0	245.0	79,100	67.6	247.4	78,200	70
75	58.8	240.0	68,300	61.3	242.4	74,500	65.0	245.1	71,500	75
76	58.3	239.4	67,200	60.8	241.8	73,300	64.4	244.6	70,300	76
80	56.0	236.8	63,000	58.6	239.4	68,600	62.3	242.6	65,700	80
85	53.0	233.1	58,000	55.7	236.1	63,400	59.6	239.7	60,800	85
90	49.9	229.0	53,600	52.7	232.4	58,900	56.7	236.6	56,400	90
95	46.7	224.5	49,600	49.6	228.3	54,900	53.8	233.0	52,600	95
97	45.4	222.5	48,200	48.3	226.5	53,500	52.6	231.4	51,200	97
100	43.3	219.4	46,000	46.4	223.7	51,400	50.8	229.1	49,200	100
105	39.7	213.6	42,900	43.0	218.6	48,200	47.6	224.6	46,100	105
110	35.7	207.0	40,100	39.3	212.7	45,300	44.2	219.7	43,300	110
115	31.3	199.3	37,700	35.3	206.0	42,700	40.6	214.1	40,800	115
117	29.3	195.5	36,900	33.5	202.8	41,700	39.1	211.5	39,900	117
120	26.2	189.9	35,700	30.9	198.1	40,300	36.8	207.7	38,600	120
125	20.0	177.8	34,300	25.7	188.6	38,100	32.5	200.3	36,500	125
130	10.5	158.7	34,000	19.3	176.1	36,100	27.6	191.4	34,500	130
131	7.2	151.8	32,400	17.3	172.0	35,700	26.5	189.2	34,200	131
135				9.1	155.5	34,200	21.8	180.2	32,700	135
136				4.8	146.5	32,000	20.1	177.0	32,400	136
140							13.6	164.0	31,000	140
143							2.8	141.4	30,000	143
145										145
149										149
150										150
155										155
160										160
165										165
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171										171
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181										181

MLC250 S-2

ASME B30.5



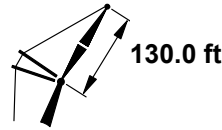
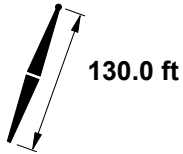
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	lb	ft	ft	
42													42
45													45
50													50
51													51
55													55
60													60
64													64
65													65
70													70
75													75
76	68.0	246.6	67,300										76
80	65.9	244.8	62,900										80
85	63.2	242.4	58,200										85
90	60.5	239.6	54,000										90
95	57.7	236.6	50,300										95
97	56.5	235.2	49,000	62.7	239.2	45,200							97
100	54.8	233.1	47,000	61.1	237.6	43,400							100
105	51.8	229.3	44,100	58.3	234.6	40,700							105
110	48.7	225.1	41,400	55.4	231.2	38,200							110
115	45.4	220.3	39,000	52.4	227.5	35,900							115
117	44.0	218.2	38,100	51.2	225.8	35,100	57.6	230.2	32,200				117
120	41.9	215.0	36,800	49.3	223.4	33,900	55.9	228.2	31,000				120
125	38.1	208.9	34,800	46.1	218.7	32,000	52.9	224.5	29,300				125
130	34.0	201.8	32,900	42.6	213.5	30,300	49.8	220.4	27,700				130
131	33.1	200.2	32,600	41.9	212.3	30,000	49.2	219.5	27,400				131
135	29.4	193.5	31,200	38.9	207.6	28,700	46.6	215.8	26,200				135
136	28.3	191.5	30,900	38.1	206.2	28,400	45.9	214.8	25,900	52.5	219.5	23,500	136
140	23.9	183.3	29,600	34.9	200.7	27,200	43.2	210.7	24,800	50.1	216.2	22,500	140
143	19.7	175.0	28,700	32.2	195.9	26,400	41.0	207.2	24,100	48.1	213.5	21,800	143
145	16.9	169.4	28,100	30.4	192.7	25,900	39.5	204.9	23,600	46.8	211.7	21,300	145
149	7.2	149.6	26,900	26.2	184.9	24,800	36.3	199.6	22,600	44.1	207.6	20,500	149
150				25.1	183.0	24,600	35.5	198.2	22,400	43.4	206.6	20,200	150
155				18.5	170.1	23,300	31.1	190.4	21,300	39.8	200.9	19,200	155
160				7.4	147.2	22,100	26.0	181.0	20,200	35.9	194.3	18,200	160
165							19.7	168.8	19,200	31.5	186.6	17,300	165
170							9.9	149.0	18,200	26.4	177.3	16,500	170
171							6.3	141.4	18,000	25.2	174.9	16,300	171
175										20.3	165.4	15,600	175
180										11.1	146.8	14,800	180
181										8.0	140.4	14,600	181

MLC250 S-2

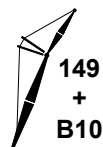
ASME B30.5



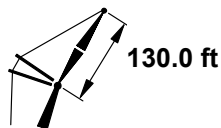
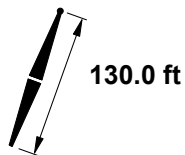
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
45	75.8	263.7	83,000 b							45
50	73.5	262.3	80,400							50
54	71.6	261.0	79,100	73.7	262.1	92,400				54
55	71.2	260.6	78,700	73.3	261.8	91,400				55
60	68.8	258.8	77,000	70.9	260.2	86,300				60
65	66.4	256.6	76,000	68.6	258.3	81,600				65
67	65.4	255.7	74,100	67.6	257.4	79,900	70.8	259.3	82,300	67
70	64.0	254.3	71,300	66.2	256.1	77,300	69.4	258.2	77,800	70
75	61.5	251.6	66,200	63.7	253.7	73,200	67.0	256.1	71,100	75
80	58.9	248.7	61,500	61.2	251.1	68,300	64.6	253.8	65,400	80
85	56.3	245.5	57,100	58.7	248.1	63,100	62.1	251.3	60,400	85
90	53.6	241.9	52,700	56.0	244.8	58,600	59.6	248.4	56,100	90
95	50.8	237.9	49,000	53.3	241.2	54,600	57.0	245.2	52,300	95
100	47.8	233.5	45,500	50.5	237.2	51,100	54.3	241.8	48,800	100
101	47.2	232.5	44,900	49.9	236.3	50,400	53.7	241.0	48,200	101
105	44.8	228.7	42,400	47.6	232.8	47,900	51.5	237.9	45,800	105
110	41.5	223.2	39,500	44.5	227.8	45,000	48.6	233.6	43,000	110
115	38.0	217.1	37,000	41.2	222.3	42,400	45.6	228.9	40,500	115
120	34.2	210.1	34,800	37.7	216.1	40,000	42.4	223.6	38,300	120
122	32.5	206.8	34,100	36.1	213.3	39,200	41.0	221.2	37,400	122
125	30.0	201.9	32,900	33.9	209.0	37,900	38.9	217.6	36,200	125
130	25.2	192.1	31,400	29.6	200.8	35,900	35.2	210.9	34,300	130
135	19.2	179.5	30,300	24.7	190.8	34,000	31.2	203.1	32,500	135
140	10.1	159.5	30,000	18.5	177.8	32,300	26.5	193.8	30,800	140
141	6.9	152.4	28,700	16.6	173.4	31,900	25.4	191.4	30,500	141
142				14.6	169.1	31,500	24.2	189.1	30,200	142
145				8.7	156.2	30,300	20.9	182.1	29,300	145
146				4.6	146.8	28,300	19.3	178.7	29,000	146
150							13.1	165.1	27,800	150
153							2.6	141.6	26,900	153
155										155
159										159
160										160
165										165
170										170
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181										181
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191										191

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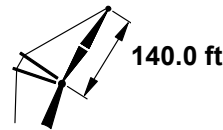
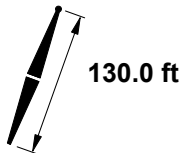
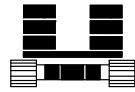
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
45													45
50													50
54													54
55													55
60													60
65													65
67													67
70													70
75													75
80	67.9	255.7	62,600										80
85	65.4	253.5	57,800										85
90	63.0	251.0	53,600										90
95	60.5	248.3	49,900										95
100	57.9	245.2	46,600										100
101	57.3	244.6	46,100	63.0	248.4	42,400							101
105	55.2	241.9	43,700	61.0	246.2	40,300							105
110	52.5	238.1	41,100	58.4	243.2	37,800							110
115	49.6	234.0	38,700	55.8	239.9	35,600							115
120	46.6	229.4	36,500	53.1	236.3	33,500							120
122	45.4	227.4	35,700	51.9	234.7	32,800	57.8	238.9	29,900				122
125	43.5	224.3	34,500	50.2	232.2	31,700	56.2	236.9	28,900				125
130	40.1	218.6	32,600	47.3	227.8	29,900	53.5	233.3	27,300				130
135	36.5	212.2	30,900	44.2	222.8	28,400	50.7	229.3	25,800				135
140	32.6	204.8	29,400	40.9	217.2	26,900	47.7	224.9	24,500				140
141	31.7	203.0	29,100	40.1	216.0	26,600	47.1	223.9	24,200				141
142	30.8	201.3	28,800	39.4	214.7	26,400	46.5	222.9	24,000	52.6	227.5	21,600	142
145	28.2	196.1	27,900	37.3	210.9	25,500	44.6	220.0	23,200	50.9	225.1	20,900	145
146	27.1	193.9	27,600	36.5	209.5	25,300	44.0	218.9	23,000	50.3	224.2	20,700	146
150	23.0	185.3	26,500	33.5	203.8	24,300	41.4	214.5	22,000	48.0	220.7	19,800	150
153	18.9	176.6	25,700	30.9	198.7	23,600	39.3	210.8	21,400	46.1	217.8	19,200	153
155	16.2	170.8	25,200	29.1	195.3	23,100	37.9	208.4	20,900	44.9	215.9	18,800	155
159	6.9	150.2	24,200	25.1	187.2	22,200	34.8	202.7	20,100	42.3	211.5	18,100	159
160				24.1	185.1	22,000	34.1	201.3	19,900	41.6	210.5	17,900	160
165				17.8	171.7	20,900	29.8	193.1	18,900	38.2	204.4	17,000	165
170				7.0	147.8	19,800	24.9	183.2	18,000	34.4	197.4	16,100	170
175							18.9	170.4	17,100	30.2	189.3	15,300	175
180							9.5	149.8	16,200	25.4	179.6	14,600	180
181							6.0	141.9	16,000	24.2	177.1	14,400	181
185										19.4	167.1	13,800	185
190										10.6	147.7	13,100	190
191										7.6	141.0	12,900	191

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ASME B30.5



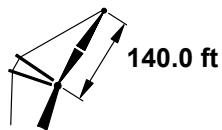
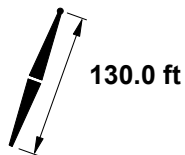
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
47	76.0	273.5	74,500 b							47
50	74.7	272.7	73,700							50
55	72.6	271.2	72,300							55
57	71.7	270.5	71,700	73.6	271.7	86,000				57
60	70.4	269.5	70,900	72.4	270.7	83,300				60
65	68.2	267.5	69,500	70.2	269.0	79,000				65
70	66.0	265.4	68,100	68.0	267.0	75,000	71.0	268.9	77,300	70
75	63.7	263.0	64,200	65.8	264.8	71,200	68.8	267.0	70,600	75
80	61.4	260.3	59,900	63.5	262.4	67,700	66.5	264.9	64,900	80
84	59.5	257.9	56,700	61.6	260.2	63,700	64.7	263.0	60,900	84
85	59.0	257.4	56,000	61.2	259.7	62,700	64.3	262.5	60,000	85
90	56.6	254.2	52,100	58.8	256.8	58,200	62.0	259.9	55,600	90
95	54.1	250.6	48,500	56.3	253.5	54,200	59.6	257.1	51,800	95
100	51.5	246.7	45,100	53.8	250.0	50,600	57.2	253.9	48,400	100
105	48.8	242.5	42,000	51.2	246.0	47,500	54.7	250.5	45,300	105
106	48.2	241.6	41,500	50.7	245.2	46,900	54.2	249.7	44,800	106
110	46.0	237.8	39,200	48.5	241.8	44,600	52.2	246.7	42,600	110
115	43.0	232.6	36,700	45.7	237.0	42,000	49.5	242.5	40,100	115
120	39.9	226.9	34,400	42.8	231.8	39,700	46.7	238.0	37,800	120
125	36.6	220.4	32,400	39.6	226.0	37,500	43.8	232.9	35,700	125
127	35.1	217.5	31,700	38.3	223.3	36,700	42.6	230.7	35,000	127
130	32.9	213.0	30,700	36.2	219.4	35,500	40.7	227.3	33,800	130
135	28.9	204.5	29,100	32.6	212.0	33,700	37.5	221.1	32,100	135
140	24.2	194.3	27,900	28.5	203.3	32,000	33.9	214.0	30,500	140
145	18.5	181.1	27,000	23.7	192.9	30,400	30.0	205.8	28,900	145
148	13.2	168.7	26,800	20.2	184.7	29,500	27.3	199.9	28,100	148
150	9.7	160.4	26,700	17.8	179.3	28,900	25.5	196.0	27,500	150
151	6.6	152.9	25,300	15.9	174.8	28,500	24.4	193.6	27,300	151
155				8.4	156.9	26,800	20.1	183.8	26,200	155
156				4.4	147.2	25,000	18.6	180.3	25,900	156
160							12.6	166.2	24,900	160
163							2.5	141.7	24,100	163
165										165
169										169
170										170
175										175
180										180
185										185
190										190
191										191
195										195
200										200
201										201

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



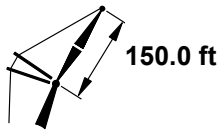
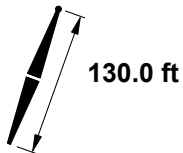
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
47													47
50													50
55													55
57													57
60													60
65													65
70													70
75													75
80													80
84	67.8	264.9	58,100										84
85	67.3	264.5	57,200										85
90	65.1	262.2	53,100										90
95	62.8	259.7	49,400										95
100	60.4	257.0	46,100										100
105	58.0	253.9	43,200										105
106	57.5	253.2	42,700	62.8	257.1	39,200							106
110	55.6	250.6	40,600	60.9	254.9	37,200							110
115	53.0	246.9	38,200	58.5	251.9	35,000							115
120	50.4	242.9	36,000	56.1	248.6	33,000							120
125	47.7	238.5	34,000	53.6	245.0	31,100							125
127	46.5	236.5	33,300	52.5	243.5	30,400	57.9	247.5	27,600				127
130	44.8	233.6	32,200	51.0	241.1	29,400	56.5	245.6	26,700				130
135	41.8	228.2	30,500	48.3	236.8	27,800	54.0	242.0	25,200				135
140	38.6	222.2	28,900	45.4	232.0	26,400	51.4	238.1	23,900				140
145	35.2	215.4	27,500	42.5	226.7	25,000	48.7	233.9	22,600				145
148	32.9	210.7	26,700	40.5	223.2	24,300	47.0	231.0	21,900	52.6	235.5	19,700	148
150	31.4	207.6	26,100	39.3	220.8	23,800	45.9	229.1	21,500	51.6	233.9	19,200	150
151	30.5	205.8	25,900	38.6	219.5	23,500	45.3	228.1	21,300	51.0	233.1	19,000	151
155	27.1	198.5	24,900	35.9	214.2	22,600	42.9	223.9	20,400	48.9	229.7	18,200	155
156	26.1	196.2	24,600	35.1	212.7	22,400	42.3	222.8	20,200	48.3	228.8	18,000	156
160	22.1	187.3	23,700	32.2	206.6	21,500	39.8	218.2	19,400	46.1	225.0	17,300	160
163	18.2	178.2	23,000	29.7	201.4	20,900	37.8	214.3	18,800	44.3	221.9	16,800	163
165	15.6	172.2	22,500	28.0	197.8	20,500	36.4	211.7	18,400	43.2	219.9	16,400	165
169	6.6	150.7	21,600	24.2	189.3	19,700	33.5	205.7	17,700	40.7	215.3	15,700	169
170				23.2	187.2	19,500	32.8	204.3	17,500	40.0	214.1	15,600	170
175				17.1	173.1	18,500	28.7	195.7	16,700	36.7	207.7	14,800	175
180				6.8	148.4	17,600	24.0	185.3	15,800	33.1	200.4	14,000	180
185							18.2	172.0	15,100	29.1	191.9	13,300	185
190							9.2	150.6	14,300	24.4	181.7	12,700	190
191							5.8	142.3	14,100	23.3	179.1	12,500	191
195										18.7	168.7	12,000	195
200										10.2	148.6	11,300	200
201										7.3	141.6	11,200	201

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ASME B30.5



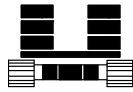
184,600 lb
+
44,000 lb



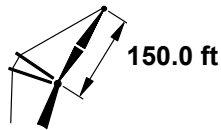
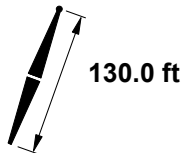
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
50	75.7	283.1	68,200						50	
55	73.8	281.7	66,500						55	
59	72.1	280.4	66,000	74.0	281.5	79,000			59	
60	71.7	280.1	65,900	73.6	281.2	78,900			60	
65	69.7	278.3	64,100	71.6	279.6	76,600			65	
70	67.7	276.3	63,000	69.5	277.8	72,800			70	
74	66.0	274.5	62,000	67.9	276.2	70,000	70.7	278.0	71,700	74
75	65.6	274.1	61,800	67.5	275.8	69,300	70.2	277.7	70,400	75
80	63.4	271.6	57,900	65.4	273.5	66,000	68.2	275.7	64,700	80
85	61.3	269.0	54,300	63.2	271.1	62,500	66.1	273.6	59,800	85
88	60.0	267.2	52,200	61.9	269.4	59,800	64.8	272.1	57,200	88
90	59.1	266.0	50,800	61.1	268.4	58,000	64.0	271.2	55,400	90
95	56.8	262.8	47,500	58.9	265.4	54,000	61.8	268.6	51,600	95
100	54.5	259.4	44,500	56.6	262.2	50,500	59.6	265.7	48,200	100
105	52.1	255.6	41,400	54.3	258.7	47,300	57.4	262.6	45,200	105
110	49.6	251.4	38,700	51.8	254.9	44,500	55.1	259.2	42,400	110
115	47.0	246.9	36,300	49.4	250.7	41,900	52.7	255.5	39,900	115
120	44.3	241.9	34,100	46.8	246.1	39,500	50.2	251.4	37,700	120
125	41.5	236.4	32,000	44.1	241.1	37,400	47.7	247.0	35,600	125
130	38.5	230.4	30,200	41.2	235.6	35,400	45.0	242.2	33,700	130
133	36.6	226.3	29,200	39.4	231.9	34,300	43.4	238.9	32,600	133
135	35.3	223.6	28,600	38.2	229.4	33,600	42.2	236.8	31,900	135
140	31.8	215.9	27,100	35.0	222.6	31,900	39.3	230.9	30,300	140
145	27.9	207.0	25,900	31.4	214.8	30,300	36.1	224.3	28,800	145
150	23.4	196.3	24,800	27.5	205.8	28,800	32.7	216.9	27,400	150
154	18.9	185.4	24,300	23.8	197.0	27,700	29.7	210.1	26,400	154
155	17.8	182.7	24,100	22.9	194.9	27,500	28.9	208.3	26,100	155
160	9.4	161.1	23,800	17.2	180.8	26,200	24.6	198.2	24,900	160
161	6.4	153.4	22,600	15.4	176.1	25,700	23.6	195.7	24,600	161
165				8.1	157.6	23,900	19.4	185.5	23,700	165
166				4.2	147.5	22,400	17.9	181.8	23,500	166
170							12.1	167.2	22,600	170
173							2.4	141.9	21,900	173
175										175
179										179
180										180
185										185
190										190
195										195
200										200
201										201
205										205
210										210
211										211

MLC250 S-2

ASME B30.5



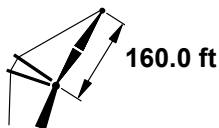
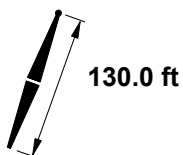
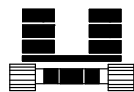
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
50													50
55													55
59													59
60													60
65													65
70													70
74													74
75													75
80													80
85													85
88	67.7	274.1	54,500										88
90	66.8	273.2	52,900										90
95	64.7	270.9	49,200										95
100	62.6	268.4	45,900										100
105	60.4	265.6	43,000										105
110	58.2	262.6	40,400	63.0	266.3	37,000							110
115	55.9	259.3	38,000	60.9	263.6	34,800							115
120	53.5	255.7	35,800	58.6	260.6	32,800							120
125	51.1	251.7	33,800	56.4	257.3	30,900							125
130	48.6	247.4	32,000	54.0	253.8	29,200							130
133	47.0	244.6	31,000	52.6	251.5	28,300	57.6	255.6	25,600				133
135	46.0	242.7	30,300	51.6	249.9	27,700	56.7	254.2	25,100				135
140	43.2	237.6	28,800	49.1	245.7	26,200	54.4	250.8	23,700				140
145	40.3	231.9	27,300	46.5	241.1	24,900	52.0	246.9	22,500				145
150	37.2	225.6	26,000	43.8	236.0	23,600	49.5	242.8	21,300				150
154	34.6	219.8	25,000	41.5	231.6	22,700	47.4	239.1	20,400	52.7	243.5	18,200	154
155	33.9	218.4	24,700	40.9	230.5	22,500	46.9	238.2	20,200	52.2	242.7	18,000	155
160	30.3	210.3	23,600	37.9	224.3	21,400	44.2	233.2	19,200	49.7	238.6	17,100	160
161	29.4	208.4	23,300	37.2	222.9	21,200	43.6	232.1	19,000	49.2	237.7	16,900	161
165	26.2	200.8	22,500	34.6	217.3	20,300	41.4	227.7	18,300	47.1	234.1	16,200	165
166	25.2	198.5	22,200	33.9	215.7	20,200	40.8	226.5	18,100	46.6	233.1	16,100	166
170	21.3	189.1	21,400	31.1	209.4	19,400	38.4	221.7	17,400	44.4	229.1	15,400	170
173	17.5	179.7	20,800	28.7	203.9	18,800	36.4	217.6	16,900	42.7	225.9	14,900	173
175	15.0	173.4	20,400	27.1	200.2	18,500	35.1	214.8	16,500	41.6	223.7	14,600	175
179	6.4	151.3	19,600	23.3	191.3	17,800	32.3	208.6	15,900	39.2	218.8	14,000	179
180				22.4	189.1	17,600	31.6	207.1	15,700	38.6	217.6	13,900	180
185				16.5	174.6	16,800	27.7	198.1	15,000	35.4	210.9	13,200	185
190				6.5	148.9	15,900	23.2	187.4	14,200	31.9	203.2	12,500	190
195							17.5	173.5	13,500	28.0	194.4	11,900	195
200							8.8	151.3	12,800	23.6	183.8	11,300	200
201							5.5	142.8	12,700	22.4	181.1	11,200	201
205										18.1	170.3	10,700	205
210										9.8	149.4	10,100	210
211										7.1	142.2	10,000	211

MLC250 S-2

ASME B30.5



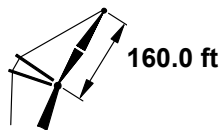
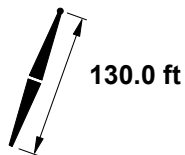
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
52	75.9	292.9	62,100							52
55	74.8	292.1	61,600							55
60	72.9	290.6	60,600							60
62	72.2	289.9	60,000	73.9	291.1	71,500				62
65	71.0	288.9	59,100	72.8	290.1	71,300				65
70	69.1	287.1	58,100	70.9	288.4	70,400				70
75	67.2	285.0	57,200	69.0	286.6	67,200				75
77	66.4	284.1	56,600	68.2	285.7	65,900	70.8	287.6	67,600	77
80	65.2	282.8	55,700	67.0	284.5	64,000	69.6	286.5	64,200	80
85	63.2	280.3	52,400	65.0	282.2	61,100	67.7	284.5	59,300	85
90	61.2	277.6	49,300	63.0	279.7	57,600	65.7	282.3	55,000	90
91	60.8	277.0	48,700	62.6	279.2	56,800	65.3	281.8	54,200	91
95	59.1	274.7	46,300	61.0	277.0	53,600	63.8	279.9	51,100	95
100	57.0	271.5	43,500	58.9	274.1	50,100	61.7	277.2	47,800	100
105	54.8	268.1	40,800	56.8	270.9	46,900	59.7	274.4	44,700	105
110	52.6	264.3	38,200	54.6	267.4	44,100	57.6	271.3	42,000	110
115	50.3	260.3	35,800	52.4	263.7	41,500	55.4	267.9	39,500	115
120	47.9	255.9	33,600	50.1	259.6	39,100	53.2	264.3	37,200	120
125	45.4	251.1	31,600	47.7	255.1	37,000	50.9	260.3	35,200	125
130	42.8	245.9	29,800	45.2	250.3	35,000	48.5	256.0	33,300	130
135	40.1	240.1	28,200	42.6	245.0	33,200	46.1	251.3	31,500	135
138	38.4	236.3	27,300	40.9	241.5	32,200	44.5	248.2	30,500	138
140	37.2	233.8	26,700	39.8	239.2	31,500	43.5	246.2	29,900	140
145	34.1	226.7	25,300	36.9	232.8	29,900	40.8	240.6	28,400	145
150	30.7	218.6	24,100	33.8	225.6	28,500	38.0	234.4	27,000	150
155	27.0	209.4	23,100	30.4	217.5	27,100	34.9	227.5	25,700	155
160	22.6	198.3	22,300	26.6	208.1	25,800	31.6	219.7	24,500	160
165	17.2	184.1	21,700	22.1	196.8	24,600	28.0	210.8	23,300	165
170	9.0	161.9	20,900	16.6	182.2	23,500	23.8	200.3	22,300	170
171	6.2	153.9	19,800	14.9	177.4	23,000	22.8	197.7	22,100	171
175				7.8	158.2	21,000	18.8	187.2	21,200	175
176				4.1	147.8	19,600	17.3	183.4	21,000	176
180							11.7	168.2	20,200	180
183							2.3	142.0	19,600	183
185										185
189										189
190										190
195										195
200										200
205										205
210										210
211										211
220										220
221										221

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



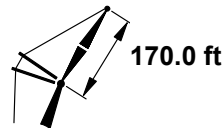
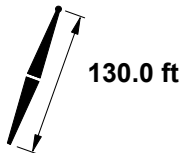
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
52													52
55													55
60													60
62													62
65													65
70													70
75													75
77													77
80													80
85													85
90													90
91	68.0	283.7	51,600										91
95	66.4	281.9	48,700										95
100	64.4	279.6	45,400										100
105	62.4	277.0	42,500										105
110	60.4	274.3	39,900										110
115	58.3	271.3	37,500	62.8	274.9	34,300							115
120	56.1	268.0	35,300	60.8	272.2	32,200							120
125	54.0	264.4	33,400	58.7	269.2	30,400							125
130	51.7	260.6	31,500	56.6	266.0	28,700							130
135	49.4	256.4	29,900	54.4	262.5	27,100							135
138	47.9	253.6	28,900	53.1	260.2	26,300	57.8	264.2	23,700				138
140	46.9	251.8	28,300	52.2	258.7	25,700	56.9	262.9	23,100				140
145	44.4	246.9	26,900	49.8	254.6	24,400	54.7	259.5	21,900				145
150	41.8	241.4	25,500	47.4	250.1	23,100	52.5	255.7	20,700				150
155	39.0	235.4	24,300	44.9	245.3	22,000	50.2	251.7	19,700				155
160	36.0	228.8	23,100	42.3	239.9	20,900	47.8	247.2	18,700	52.7	251.5	16,500	160
165	32.8	221.4	22,000	39.6	234.1	19,900	45.3	242.4	17,700	50.4	247.5	15,700	165
170	29.3	212.9	21,000	36.6	227.6	18,900	42.7	237.2	16,800	48.0	243.1	14,800	170
171	28.5	210.9	20,800	36.0	226.1	18,700	42.2	236.0	16,700	47.5	242.1	14,700	171
175	25.3	203.0	20,000	33.5	220.3	18,000	40.0	231.4	16,000	45.5	238.3	14,100	175
176	24.4	200.6	19,800	32.8	218.7	17,800	39.4	230.1	15,900	45.0	237.3	13,900	176
180	20.6	190.9	19,100	30.0	212.1	17,200	37.1	225.0	15,200	42.9	233.1	13,300	180
183	17.0	181.2	18,600	27.7	206.4	16,700	35.2	220.7	14,800	41.3	229.7	12,900	183
185	14.5	174.7	18,200	26.2	202.6	16,300	34.0	217.9	14,500	40.2	227.4	12,700	185
189	6.2	151.8	17,500	22.6	193.3	15,700	31.2	211.4	13,900	37.9	222.3	12,100	189
190				21.7	191.0	15,600	30.6	209.8	13,800	37.3	221.0	12,000	190
195				16.0	176.0	14,800	26.8	200.5	13,100	34.2	214.0	11,400	195
200				6.3	149.4	14,000	22.4	189.3	12,400	30.9	206.0	10,800	200
205							17.0	175.0	11,800	27.1	196.8	10,200	205
210							8.5	152.0	11,200	22.8	185.8	9,700	210
211							5.4	143.2	11,000	21.5	182.2	9,600	211
220										9.5	150.2	8,500	220
221										6.8	142.8	8,400	221

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



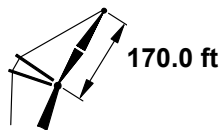
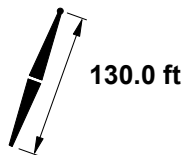
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
55	75.7	302.5	56,600						55	
60	74.0	301.1	55,800						60	
65	72.2	299.5	55,000	73.8	300.6	64,800			65	
70	70.4	297.8	54,100	72.0	299.0	64,500			70	
75	68.6	295.8	52,900	70.2	297.3	64,300			75	
80	66.8	293.7	52,100	68.4	295.3	62,300	70.9	297.1	62,700	80
85	64.9	291.5	50,500	66.6	293.2	59,600	69.1	295.3	58,900	85
90	63.0	289.0	47,700	64.8	290.9	56,700	67.3	293.2	54,600	90
95	61.1	286.3	45,000	62.9	288.4	53,300	65.4	291.0	50,800	95
100	59.2	283.4	42,400	61.0	285.7	49,700	63.5	288.5	47,400	100
105	57.2	280.2	40,000	59.0	282.8	46,600	61.6	285.9	44,300	105
110	55.2	276.8	37,600	57.0	279.6	43,700	59.7	283.0	41,600	110
115	53.1	273.1	35,400	55.0	276.1	41,100	57.7	280.0	39,100	115
120	50.9	269.1	33,300	52.9	272.4	38,800	55.7	276.6	36,900	120
125	48.7	264.9	31,300	50.7	268.4	36,600	53.6	273.0	34,800	125
130	46.4	260.2	29,600	48.5	264.1	34,700	51.5	269.1	32,900	130
135	44.0	255.2	27,900	46.2	259.4	32,900	49.3	264.9	31,200	135
140	41.5	249.7	26,400	43.8	254.3	31,200	47.0	260.4	29,600	140
143	39.9	246.0	25,500	42.2	251.0	30,200	45.6	257.4	28,700	143
145	38.8	243.6	25,000	41.2	248.8	29,600	44.6	255.4	28,100	145
150	36.0	237.0	23,800	38.6	242.7	28,200	42.1	250.0	26,700	150
155	33.0	229.6	22,700	35.8	236.0	26,800	39.5	244.2	25,400	155
160	29.8	221.3	21,700	32.7	228.6	25,500	36.8	237.7	24,200	160
165	26.1	211.7	20,800	29.4	220.1	24,300	33.8	230.5	23,000	165
166	25.3	209.4	20,700	28.7	218.2	24,100	33.2	228.9	22,800	166
170	21.9	200.2	20,200	25.7	210.4	23,200	30.6	222.5	22,000	170
175	16.7	185.6	19,800	21.5	198.7	22,200	27.1	213.2	21,000	175
180	8.8	162.6	18,400	16.1	183.6	21,200	23.1	202.3	20,000	180
181	6.0	154.4	17,400	14.4	178.7	20,600	22.1	199.6	19,800	181
185				7.6	158.8	18,500	18.2	188.7	19,100	185
186				3.9	148.1	17,300	16.8	184.8	18,900	186
190							11.4	169.2	18,200	190
193							2.2	142.2	17,600	193
195										195
199										199
200										200
205										205
210										210
215										215
220										220
221										221
225										225
230										230
231										231

MLC250 S-2

ASME B30.5



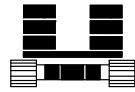
184,600 lb
+
44,000 lb



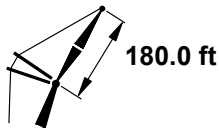
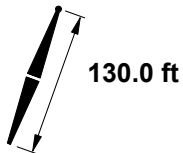
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95	67.9	292.8	48,300										95
100	66.0	290.7	45,000										100
105	64.2	288.3	42,100										105
110	62.3	285.7	39,500										110
115	60.4	282.9	37,100										115
120	58.4	279.9	35,000	62.7	283.6	31,800							120
125	56.4	276.7	33,000	60.8	280.9	30,000							125
130	54.3	273.2	31,200	58.8	277.9	28,300							130
135	52.2	269.4	29,500	56.8	274.7	26,700							135
140	50.0	265.3	28,000	54.8	271.3	25,300							140
143	48.7	262.6	27,100	53.5	269.0	24,500	57.9	272.9	22,000				143
145	47.8	260.8	26,500	52.6	267.5	24,000	57.1	271.6	21,500				145
150	45.4	256.0	25,200	50.5	263.5	22,700	55.1	268.2	20,300				150
155	43.0	250.8	24,000	48.2	259.1	21,600	53.0	264.5	19,300				155
160	40.5	245.1	22,800	45.9	254.4	20,500	50.8	260.5	18,300				160
165	37.8	238.9	21,700	43.5	249.3	19,500	48.6	256.2	17,300				165
166	37.2	237.5	21,500	43.0	248.2	19,300	48.1	255.3	17,200	52.7	259.5	15,100	166
170	34.9	232.0	20,700	41.0	243.7	18,500	46.3	251.6	16,500	51.0	256.3	14,400	170
175	31.8	224.2	19,700	38.3	237.6	17,600	43.9	246.5	15,600	48.8	252.1	13,700	175
180	28.4	215.4	18,800	35.5	230.8	16,800	41.4	241.0	14,800	46.5	247.4	12,900	180
181	27.6	213.4	18,600	34.9	229.3	16,600	40.8	239.8	14,700	46.0	246.4	12,800	181
185	24.5	205.2	17,900	32.4	223.3	16,000	38.7	234.9	14,100	44.1	242.4	12,200	185
186	23.6	202.7	17,800	31.8	221.5	15,800	38.2	233.6	14,000	43.6	241.3	12,100	186
190	20.0	192.7	17,100	29.1	214.7	15,200	35.9	228.3	13,400	41.6	236.9	11,600	190
193	16.4	182.6	16,600	26.8	208.8	14,800	34.1	223.8	13,000	40.0	233.3	11,200	193
195	14.1	175.9	16,300	25.4	204.8	14,500	32.9	220.9	12,700	39.0	230.9	11,000	195
199	6.0	152.2	15,600	21.9	195.2	14,000	30.3	214.1	12,200	36.7	225.6	10,500	199
200				21.0	192.9	13,800	29.6	212.5	12,100	36.2	224.3	10,400	200
205				15.5	177.3	13,100	26.0	202.8	11,500	33.2	217.0	9,800	205
210				6.1	149.9	12,500	21.7	191.3	10,900	29.9	208.7	9,200	210
215							16.4	176.4	10,300	26.3	199.1	8,600	215
220							8.3	152.7	9,800	22.1	187.8	8,100	220
221							5.2	143.6	9,600	21.0	184.9	8,000	221
225										16.9	173.3	7,500	225
230										9.2	151.0	7,000	230
231										6.6	143.3	6,900	231

MLC250 S-2

ASME B30.5



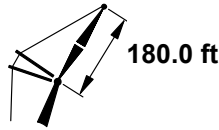
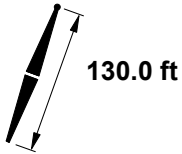
184,600 lb
+
44,000 lb



	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
57	75.9	312.3	51,400						57	
60	74.9	311.5	51,000						60	
65	73.2	310.0	50,300						65	
68	72.2	309.0	49,900	73.7	310.1	58,400			68	
70	71.5	308.4	49,600	73.1	309.5	58,300			70	
75	69.9	306.6	48,900	71.4	307.9	58,000			75	
80	68.1	304.6	48,200	69.7	306.1	57,700			80	
83	67.1	303.3	47,600	68.7	304.9	57,100	71.0	306.7	56,300	83
85	66.4	302.5	47,200	68.0	304.1	56,700	70.3	306.0	56,300	85
90	64.7	300.2	46,300	66.3	301.9	54,300	68.6	304.0	54,100	90
95	62.9	297.6	43,800	64.5	299.6	51,900	66.9	302.0	50,300	95
99	61.4	295.5	41,900	63.1	297.6	49,800	65.5	300.1	47,600	99
100	61.1	294.9	41,500	62.7	297.1	49,300	65.1	299.7	46,900	100
105	59.2	292.0	39,200	60.9	294.4	46,100	63.3	297.2	43,900	105
110	57.3	288.9	37,100	59.1	291.4	43,300	61.5	294.6	41,100	110
115	55.4	285.5	35,000	57.2	288.3	40,700	59.7	291.7	38,700	115
120	53.5	281.9	33,000	55.2	284.9	38,400	57.8	288.6	36,400	120
124	51.8	278.8	31,600	53.7	281.9	36,700	56.3	286.0	34,800	124
125	51.4	278.0	31,200	53.3	281.2	36,200	55.9	285.3	34,400	125
130	49.4	273.8	29,400	51.2	277.3	34,300	54.0	281.8	32,500	130
135	47.2	269.3	27,800	49.2	273.0	32,400	52.0	277.9	30,700	135
140	45.0	264.4	26,300	47.0	268.5	30,800	49.9	273.8	29,100	140
145	42.7	259.1	24,900	44.8	263.6	29,200	47.8	269.4	27,600	145
148	41.2	255.6	24,200	43.4	260.4	28,400	46.5	266.5	26,800	148
150	40.3	253.3	23,600	42.5	258.3	27,800	45.6	264.6	26,200	150
155	37.7	247.1	22,500	40.0	252.5	26,400	43.3	259.4	25,000	155
160	35.0	240.2	21,400	37.5	246.1	25,200	40.9	253.8	23,700	160
165	32.1	232.5	20,500	34.7	239.2	24,000	38.4	247.7	22,600	165
170	28.9	223.9	19,700	31.8	231.4	22,900	35.7	240.9	21,600	170
172	27.5	219.9	19,400	30.5	227.9	22,500	34.6	238.0	21,100	172
175	25.4	213.9	19,000	28.6	222.7	21,800	32.9	233.5	20,500	175
180	21.3	202.1	18,400	25.0	212.6	20,800	29.8	225.1	19,600	180
190	8.5	163.4	16,100	15.6	185.0	19,000	22.4	204.3	17,800	190
191	5.8	154.9	15,200	13.7	178.9	18,300	21.3	200.9	17,700	191
196				3.8	148.4	15,100	15.6	183.8	16,900	196
200							11.0	170.1	16,200	200
203							2.1	142.3	15,400	203
209										209
210										210
220										220
230										230
231										231
240										240
241										241

MLC250 S-2

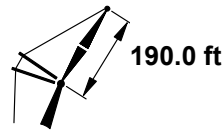
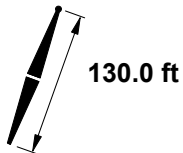
ASME B30.5



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
57													57
60													60
65													65
68													68
70													70
75													75
80													80
83													83
85													85
90													90
95													95
99	67.8	302.0	45,200										99
100	67.5	301.6	44,500										100
105	65.7	299.4	41,600										105
110	64.0	297.0	39,000										110
115	62.2	294.4	36,600										115
120	60.3	291.6	34,500										120
124	58.9	289.2	32,900	62.9	292.8	29,800							124
125	58.5	288.6	32,500	62.5	292.3	29,400							125
130	56.6	285.4	30,700	60.7	289.5	27,800							130
135	54.6	281.9	29,000	58.9	286.6	26,200							135
140	52.7	278.1	27,500	57.0	283.4	24,800							140
145	50.6	274.1	26,100	55.1	280.0	23,500							145
148	49.4	271.5	25,300	53.9	277.8	22,700	58.0	281.6	20,200				148
150	48.5	269.8	24,700	53.1	276.3	22,200	57.3	280.3	19,800				150
155	46.3	265.1	23,500	51.0	272.3	21,100	55.3	276.9	18,700				155
160	44.1	260.1	22,300	49.0	268.1	20,000	53.4	273.3	17,700				160
165	41.7	254.6	21,200	46.8	263.5	19,000	51.4	269.4	16,800				165
170	39.3	248.7	20,200	44.6	258.5	18,000	49.3	265.1	15,900				170
172	38.2	246.1	19,800	43.6	256.4	17,700	48.4	263.3	15,600	52.7	267.5	13,500	172
175	36.6	242.2	19,300	42.2	253.2	17,200	47.1	260.6	15,100	51.5	265.2	13,100	175
180	33.9	235.0	18,400	39.8	247.3	16,300	44.9	255.7	14,300	49.4	261.0	12,400	180
190	27.5	217.9	16,700	34.4	233.9	14,800	40.2	244.6	12,900	45.1	251.6	10,900	190
191	26.7	215.5	16,500	33.8	232.2	14,600	39.6	243.3	12,800	44.6	250.5	10,800	191
196	22.7	203.8	15,800	30.7	223.9	13,900	37.0	236.7	12,100	42.2	245.0	10,100	196
200	19.4	194.4	15,200	28.2	217.2	13,400	34.9	231.4	11,600	40.4	240.6	9,600	200
203	14.9	180.5	14,700	25.9	210.4	13,000	33.0	226.5	11,200	38.8	236.7	9,300	203
209	5.8	152.7	13,900	21.2	196.9	12,200	29.4	216.7	10,500	35.6	228.8	8,600	209
210				20.4	194.7	12,100	28.8	215.0	10,400	35.1	227.5	8,400	210
220				5.9	150.4	10,900	21.1	193.1	9,400	29.0	211.3	7,400	220
230							8.0	153.4	8,200	21.4	189.6	6,300	230
231							5.0	144.0	8,100	20.2	185.8	6,200	231
240										8.9	151.7	5,300	240
241										6.4	143.9	5,200	241

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ASME B30.5



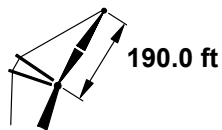
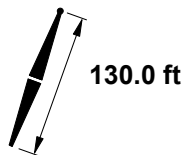
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
59	76.0	322.1	46,800						59	
60	75.7	321.8	46,800						60	
65	74.1	320.4	46,300						65	
70	72.6	318.9	45,700	74.0	320.0	53,000			70	
75	71.0	317.2	45,100	72.4	318.4	52,700			75	
80	69.4	315.4	44,500	70.8	316.7	52,400			80	
85	67.7	313.4	43,900	69.2	314.9	52,100			85	
87	67.1	312.5	43,500	68.5	314.1	51,900	70.7	315.9	50,800	87
90	66.1	311.2	43,000	67.6	312.8	51,500	69.8	314.8	50,800	90
95	64.4	308.8	42,100	65.9	310.7	49,500	68.2	312.8	50,100	95
100	62.7	306.3	40,000	64.3	308.3	47,400	66.5	310.7	46,700	100
103	61.7	304.7	38,800	63.2	306.8	46,100	65.5	309.3	44,900	103
105	61.0	303.6	38,000	62.6	305.7	45,300	64.9	308.4	43,700	105
110	59.3	300.7	36,000	60.9	303.0	43,100	63.2	305.9	40,900	110
115	57.5	297.6	34,100	59.1	300.1	40,500	61.5	303.2	38,400	115
120	55.7	294.2	32,400	57.3	296.9	38,200	59.7	300.4	36,200	120
125	53.8	290.6	30,700	55.5	293.6	36,000	58.0	297.3	34,100	125
129	52.3	287.5	29,400	54.0	290.7	34,400	56.5	294.7	32,600	129
130	51.9	286.8	29,100	53.6	290.0	34,000	56.1	294.0	32,200	130
135	50.0	282.7	27,600	51.7	286.1	32,200	54.3	290.5	30,500	135
140	48.0	278.3	26,000	49.8	281.9	30,600	52.4	286.7	28,900	140
145	45.9	273.5	24,700	47.8	277.5	29,000	50.5	282.7	27,400	145
150	43.7	268.4	23,400	45.7	272.7	27,600	48.5	278.3	26,000	150
154	41.9	264.0	22,500	43.9	268.6	26,500	46.8	274.6	25,000	154
155	41.5	262.9	22,300	43.5	267.6	26,200	46.4	273.7	24,700	155
160	39.1	256.9	21,200	41.3	262.0	25,000	44.3	268.7	23,500	160
165	36.7	250.4	20,300	38.9	256.0	23,800	42.1	263.3	22,400	165
170	34.0	243.2	19,400	36.4	249.4	22,700	39.7	257.4	21,400	170
175	31.2	235.3	18,600	33.8	242.2	21,600	37.3	251.1	20,400	175
178	29.3	229.9	18,200	32.1	237.4	21,100	35.7	246.9	19,800	178
180	28.1	226.4	17,900	30.9	234.2	20,700	34.7	244.1	19,400	180
185	24.7	216.1	17,300	27.8	225.2	19,700	31.9	236.4	18,500	185
190	20.7	203.9	16,800	24.3	214.7	18,800	28.9	227.7	17,700	190
195	15.8	188.4	16,500	20.3	202.3	18,000	25.6	217.8	16,900	195
200	8.3	164.0	14,200	15.2	186.3	17,200	21.8	206.2	16,100	200
201	5.6	155.3	13,300	13.3	180.0	16,500	20.7	202.7	16,000	201
206				3.7	148.7	13,200	15.1	185.1	15,200	206
210							10.7	171.0	14,600	210
213							2.1	142.5	13,500	213
219										219
220										220
230										230
240										240
241										241

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ASME B30.5



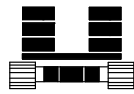
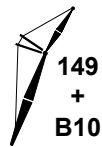
184,600 lb
+
44,000 lb



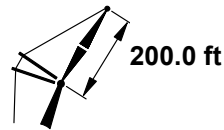
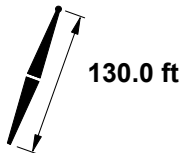
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
59													59
60													60
65													65
70													70
75													75
80													80
85													85
87													87
90													90
95													95
100													100
103	67.7	311.2	42,500										103
105	67.1	310.3	41,400										105
110	65.4	308.1	38,800										110
115	63.7	305.6	36,400										115
120	62.0	303.0	34,200										120
125	60.3	300.2	32,300										125
129	58.9	297.8	30,800	62.7	301.5	27,800							129
130	58.6	297.3	30,500	62.4	301.0	27,500							130
135	56.8	294.0	28,800	60.7	298.2	26,000							135
140	54.9	290.6	27,300	58.9	295.2	24,600							140
145	53.1	286.9	25,800	57.1	292.1	23,200							145
150	51.1	283.0	24,500	55.3	288.7	22,000							150
154	49.6	279.6	23,500	53.8	285.8	21,100	57.8	289.6	18,700				154
155	49.2	278.7	23,300	53.5	285.0	20,900	57.4	289.0	18,500				155
160	47.1	274.2	22,100	51.5	281.2	19,800	55.6	285.6	17,500				160
165	45.0	269.3	21,000	49.6	277.0	18,800	53.7	282.0	16,600				165
170	42.8	264.1	20,000	47.6	272.5	17,800	51.8	278.2	15,700				170
175	40.6	258.4	19,100	45.5	267.7	16,900	49.9	274.0	14,900				175
178	39.1	254.6	18,500	44.2	264.6	16,400	48.7	271.4	14,400	52.8	275.5	12,300	178
180	38.2	252.2	18,200	43.3	262.5	16,100	47.9	269.6	14,100	52.0	274.0	12,000	180
185	35.6	245.4	17,300	41.0	256.9	15,300	45.8	264.9	13,400	50.0	269.9	11,300	185
190	32.9	238.0	16,500	38.7	250.8	14,600	43.6	259.7	12,700	48.0	265.5	10,600	190
195	30.0	229.7	15,700	36.2	244.2	13,900	41.4	254.2	12,000	46.0	260.7	9,900	195
200	26.8	220.3	15,000	33.5	236.9	13,200	39.0	248.2	11,400	43.8	255.6	9,300	200
201	26.0	217.8	14,900	32.9	235.2	13,100	38.5	246.8	11,300	43.3	254.5	9,200	201
206	22.0	205.7	14,200	29.9	226.6	12,400	35.9	240.0	10,700	41.1	248.8	8,600	206
210	18.9	196.0	13,600	27.5	219.7	11,900	33.9	234.5	10,200	39.2	244.2	8,100	210
213	14.5	181.7	13,200	25.2	212.7	11,600	32.1	229.4	9,900	37.7	240.1	7,800	213
219	5.6	153.2	12,400	20.6	198.7	10,900	28.6	219.2	9,200	34.6	231.9	7,200	219
220				19.8	196.4	10,800	28.0	217.5	9,100	34.1	230.6	7,000	220
230				5.7	150.9	9,600	20.5	194.9	8,000	28.2	213.8	6,100	230
240							7.8	154.0	6,900	20.9	191.5	5,100	240
241							4.9	144.4	6,800				241

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184,600 lb
+
44,000 lb



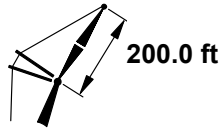
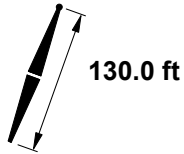
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
62	75.8	331.6	42,500							62
65	74.9	330.8	42,300							65
70	73.5	329.4	42,000							70
73	72.5	328.4	41,700	73.9	329.5	48,100				73
75	71.9	327.8	41,500	73.3	328.9	47,900				75
80	70.4	326.0	40,900	71.8	327.3	47,600				80
85	68.9	324.2	40,400	70.3	325.6	47,300				85
90	67.4	322.1	39,700	68.8	323.6	47,000	70.8	325.4	45,900	90
95	65.8	319.9	39,400	67.2	321.6	46,700	69.3	323.6	45,800	95
100	64.2	317.5	38,500	65.6	319.4	45,100	67.8	321.6	45,600	100
105	62.6	315.0	36,700	64.1	317.0	43,300	66.2	319.4	43,200	105
106	62.3	314.4	36,400	63.7	316.5	42,900	65.9	318.9	42,600	106
110	61.0	312.3	34,900	62.4	314.4	41,500	64.6	317.1	40,500	110
115	59.3	309.3	33,200	60.8	311.7	39,600	63.0	314.6	38,000	115
120	57.6	306.2	31,500	59.1	308.7	37,700	61.4	311.9	35,700	120
125	55.9	302.9	30,000	57.5	305.6	35,600	59.7	309.0	33,700	125
130	54.1	299.4	28,500	55.7	302.3	33,600	58.1	306.0	31,800	130
133	53.1	297.1	27,600	54.7	300.1	32,500	57.0	304.0	30,800	133
135	52.3	295.6	27,100	54.0	298.7	31,800	56.3	302.7	30,100	135
140	50.5	291.5	25,700	52.2	294.9	30,200	54.6	299.2	28,500	140
145	48.6	287.2	24,400	50.3	290.8	28,600	52.8	295.5	27,000	145
150	46.7	282.6	23,100	48.4	286.5	27,200	51.0	291.5	25,600	150
155	44.6	277.6	22,000	46.5	281.8	25,800	49.1	287.3	24,300	155
159	43.0	273.4	21,200	44.9	277.8	24,800	47.6	283.6	23,400	159
160	42.6	272.3	21,000	44.5	276.8	24,600	47.2	282.7	23,100	160
165	40.4	266.6	20,000	42.4	271.5	23,400	45.2	277.9	22,000	165
170	38.1	260.4	19,100	40.2	265.7	22,300	43.1	272.6	20,900	170
175	35.7	253.6	18,200	37.9	259.5	21,300	40.9	267.0	19,900	175
180	33.1	246.2	17,500	35.4	252.6	20,300	38.7	260.9	19,000	180
184	30.9	239.7	17,000	33.4	246.7	19,500	36.8	255.7	18,300	184
185	30.4	238.0	16,900	32.9	245.2	19,400	36.3	254.3	18,100	185
190	27.4	228.8	16,200	30.1	236.9	18,500	33.8	247.1	17,300	190
195	24.0	218.2	15,800	27.1	227.6	17,600	31.1	239.1	16,500	195
200	20.1	205.7	15,300	23.7	216.8	16,800	28.2	230.2	15,700	200
210	8.0	164.7	12,100	14.8	187.6	14,900	21.2	208.1	14,300	210
211	5.5	155.8	11,400	12.9	181.1	14,300	20.1	204.5	14,200	211
216				3.6	149.0	11,300	14.7	186.4	13,500	216
220							10.4	171.9	13,000	220
223							2.0	142.6	11,600	223
229										229
230										230
240										240
250										250
251										251

MLC250 S-2

ASME B30.5



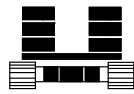
184,600 lb
+
44,000 lb



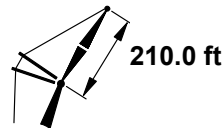
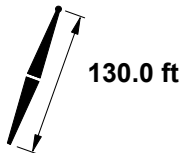
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
62													62
65													65
70													70
73													73
75													75
80													80
85													85
90													90
95													95
100													100
105													105
106	68.0	320.7	40,300										106
110	66.7	319.0	38,300										110
115	65.2	316.8	35,900										115
120	63.6	314.3	33,800										120
125	61.9	311.7	31,800										125
130	60.3	308.9	30,000										130
133	59.3	307.1	29,000	62.9	310.7	26,000							133
135	58.6	305.9	28,300	62.3	309.6	25,400							135
140	56.9	302.7	26,800	60.6	306.9	24,000							140
145	55.2	299.3	25,400	59.0	303.9	22,700							145
150	53.4	295.7	24,000	57.3	300.8	21,500							150
155	51.6	291.8	22,800	55.6	297.4	20,300							155
159	50.1	288.5	21,900	54.1	294.5	19,500	57.9	298.3	17,100				159
160	49.8	287.6	21,700	53.8	293.8	19,300	57.5	297.6	16,900				160
165	47.8	283.2	20,600	52.0	290.0	18,300	55.8	294.3	16,000				165
170	45.9	278.4	19,600	50.1	285.9	17,300	54.1	290.8	15,100				170
175	43.8	273.4	18,600	48.2	281.5	16,500	52.3	287.0	14,300				175
180	41.7	267.9	17,700	46.3	276.8	15,600	50.4	282.9	13,600				180
184	39.9	263.1	17,000	44.6	272.8	15,000	48.9	279.4	13,000	52.8	283.5	10,600	184
185	39.5	262.0	16,900	44.2	271.8	14,800	48.5	278.6	12,800	52.4	282.8	10,500	185
190	37.1	255.5	16,100	42.1	266.4	14,100	46.6	273.9	12,200	50.6	278.7	9,800	190
195	34.7	248.5	15,300	39.9	260.6	13,400	44.6	269.0	11,500	48.7	274.4	9,100	195
200	32.1	240.8	14,600	37.6	254.3	12,700	42.5	263.6	10,800	46.7	269.8	8,500	200
210	26.1	222.6	13,200	32.6	239.9	11,500	38.0	251.7	9,600	42.6	259.6	7,400	210
211	25.3	220.1	13,100	32.0	238.1	11,400	37.5	250.2	9,500	42.2	258.4	7,200	211
216	21.5	207.6	12,500	29.1	229.2	10,800	35.0	243.1	8,900	40.0	252.4	6,700	216
220	18.4	197.6	12,000	26.8	222.0	10,300	33.0	237.4	8,400	38.2	247.7	6,300	220
223	14.1	183.0	11,600	24.5	214.8	10,000	31.3	232.2	8,100	36.7	243.4	6,000	223
229	5.5	153.6	10,900	20.1	200.5	9,400	27.8	221.7	7,400	33.7	235.0	5,400	229
230				19.3	198.1	9,300	27.2	219.9	7,300	33.2	233.5	5,300	230
240				5.6	151.3	8,200	20.0	196.6	6,300				240
250							7.6	154.7	5,400				250
251							4.7	144.8	5,200				251

MLC250 S-2

ASME B30.5



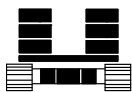
184,600 lb
+
44,000 lb



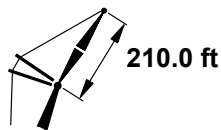
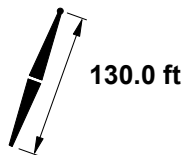
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
64	76.0	341.4	38,700						64	
65	75.7	341.2	38,700						65	
70	74.3	339.8	38,300						70	
75	72.8	338.3	38,000						75	
76	72.5	338.0	37,900	73.8	339.1	43,600			76	
80	71.4	336.6	37,700	72.7	337.8	43,400			80	
85	70.0	334.9	37,300	71.3	336.2	43,100			85	
90	68.5	332.9	36,800	69.8	334.4	42,800			90	
93	67.6	331.7	36,500	68.9	333.2	42,600	70.9	335.0	41,500	93
95	67.0	330.8	36,300	68.4	332.4	42,400	70.3	334.2	41,500	95
100	65.5	328.6	35,700	66.9	330.3	42,100	68.9	332.4	41,300	100
105	64.0	326.2	35,300	65.4	328.1	41,300	67.4	330.3	41,100	105
110	62.5	323.7	33,700	63.9	325.7	39,700	65.9	328.1	40,100	110
115	60.9	320.9	32,200	62.3	323.1	38,200	64.4	325.8	37,600	115
120	59.3	318.0	30,700	60.8	320.3	36,500	62.9	323.2	35,400	120
125	57.7	314.9	29,200	59.2	317.4	35,000	61.3	320.6	33,300	125
130	56.1	311.6	27,800	57.6	314.3	33,300	59.8	317.7	31,400	130
135	54.4	308.1	26,600	55.9	311.0	31,500	58.2	314.6	29,700	135
138	53.4	305.8	25,800	54.9	308.8	30,500	57.2	312.7	28,700	138
140	52.7	304.4	25,300	54.3	307.4	29,800	56.5	311.4	28,100	140
145	51.0	300.4	24,100	52.6	303.7	28,300	54.9	307.9	26,600	145
150	49.2	296.1	22,900	50.8	299.7	26,800	53.2	304.3	25,200	150
155	47.4	291.6	21,700	49.0	295.4	25,500	51.4	300.3	24,000	155
160	45.5	286.8	20,700	47.2	290.9	24,200	49.7	296.2	22,800	160
164	43.9	282.7	20,000	45.7	287.0	23,300	48.2	292.6	21,900	164
165	43.5	281.7	19,800	45.3	286.0	23,100	47.8	291.7	21,600	165
170	41.5	276.1	18,900	43.3	280.8	22,000	46.0	287.0	20,600	170
175	39.4	270.2	18,100	41.3	275.3	20,900	44.0	281.9	19,600	175
180	37.1	263.7	17,300	39.1	269.3	19,900	42.0	276.5	18,700	180
185	34.8	256.8	16,600	36.9	262.8	19,000	39.9	270.7	17,800	185
190	32.3	249.1	15,900	34.6	255.8	18,200	37.7	264.4	16,900	190
195	29.6	240.7	15,400	32.1	248.0	17,300	35.4	257.5	16,100	195
200	26.7	231.2	14,900	29.3	239.5	16,500	33.0	250.1	15,400	200
210	19.6	207.4	14,100	23.1	218.9	15,100	27.5	232.7	14,000	210
220	7.8	165.4	10,300	14.4	188.8	12,900	20.7	209.9	12,700	220
221	5.3	156.2	9,600	12.9	183.3	12,400	19.8	206.8	12,600	221
225				6.8	161.2	10,500	16.3	194.6	12,100	225
226				3.5	149.2	9,600	15.1	190.3	12,000	226
230							10.2	172.8	11,500	230
233							1.9	142.7	9,800	233
239										239
240										240
245										245
250										250

MLC250 S-2

ASME B30.5



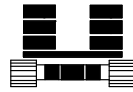
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
64													64
65													65
70													70
75													75
76													76
80													80
85													85
90													90
93													93
95													95
100													100
105													105
110	67.9	329.9	37,900										110
115	66.4	327.8	35,500										115
120	64.9	325.5	33,400										120
125	63.4	323.0	31,400										125
130	61.9	320.4	29,600										130
135	60.3	317.6	27,900										135
138	59.3	315.8	27,000	62.8	319.3	24,200							138
140	58.7	314.6	26,400	62.2	318.3	23,600							140
145	57.1	311.4	25,000	60.6	315.5	22,300							145
150	55.4	308.0	23,700	59.0	312.6	21,100							150
155	53.8	304.4	22,400	57.4	309.4	19,900							155
160	52.0	300.6	21,300	55.8	306.1	18,900							160
164	50.6	297.3	20,400	54.4	303.2	18,100	58.0	307.0	15,800				164
165	50.3	296.5	20,200	54.1	302.5	17,900	57.7	306.3	15,600				165
170	48.5	292.2	19,200	52.4	298.7	16,900	56.0	303.0	14,700				170
175	46.6	287.5	18,300	50.6	294.7	16,100	54.4	299.5	13,900				175
180	44.7	282.6	17,400	48.8	290.4	15,200	52.7	295.7	13,200				180
185	42.7	277.3	16,500	47.0	285.9	14,500	50.9	291.8	12,400				185
190	40.6	271.6	15,700	45.1	281.0	13,700	49.1	287.5	11,700	52.8	291.5	9,200	190
195	38.5	265.5	15,000	43.1	275.8	13,000	47.3	283.0	10,900	51.1	287.6	8,500	195
200	36.2	258.8	14,200	41.1	270.2	12,300	45.4	278.1	10,300	49.3	283.3	7,900	200
210	31.3	243.6	12,900	36.7	257.6	11,100	41.4	267.4	9,000	45.5	274.0	6,800	210
220	25.4	224.8	11,700	31.8	242.7	10,000	37.0	255.0	7,900	41.6	263.4	5,700	220
221	24.7	222.5	11,600	31.2	241.0	9,900	36.6	253.6	7,700	41.1	262.2	5,600	221
225	22.0	213.2	11,100	29.1	234.1	9,500	34.7	248.0	7,300	39.4	257.4	5,200	225
226	21.2	210.4	11,000	28.5	232.1	9,300	34.2	246.5	7,200				226
230	17.9	199.2	10,500	26.1	224.3	8,900	32.2	240.3	6,800				230
233	13.7	184.2	10,200	23.9	217.0	8,600	30.5	234.9	6,500				233
239	5.3	154.1	9,500	19.6	202.2	7,900	27.1	224.1	5,900				239
240				18.8	199.7	7,800	26.6	222.3	5,800				240
245				13.9	182.3	7,300	23.3	211.4	5,400				245
250				5.4	151.8	6,800							250

MLC250 S-2

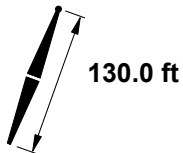
ASME B30.5



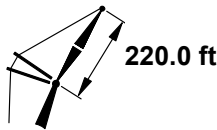
184,600 lb
+
44,000 lb



360°



130.0 ft



220.0 ft

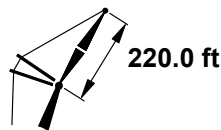
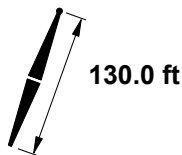
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
67	75.8	351.0	35,200						67	
70	75.0	350.2	35,000						70	
75	73.6	348.8	34,700						75	
79	72.5	347.5	34,400	73.8	348.6	39,500			79	
80	72.3	347.2	34,300	73.5	348.3	39,500			80	
85	70.9	345.5	34,000	72.1	346.7	39,200			85	
90	69.5	343.7	33,800	70.8	345.0	38,800			90	
95	68.1	341.7	33,400	69.4	343.2	38,500			95	
96	67.8	341.3	33,300	69.1	342.8	38,500	71.0	344.5	37,500	96
100	66.7	339.6	32,900	68.0	341.2	38,200	69.9	343.1	37,400	100
105	65.3	337.3	32,500	66.6	339.0	37,900	68.5	341.1	37,200	105
110	63.8	334.9	32,100	65.1	336.8	37,600	67.1	339.0	37,000	110
114	62.7	332.8	31,200	64.0	334.8	36,600	65.9	337.3	36,800	114
115	62.4	332.3	31,000	63.7	334.3	36,400	65.6	336.8	36,800	115
120	60.9	329.6	29,600	62.2	331.8	35,000	64.2	334.4	34,900	120
125	59.4	326.7	28,400	60.7	329.0	33,700	62.7	331.9	32,900	125
130	57.8	323.6	27,000	59.2	326.1	32,400	61.3	329.2	31,000	130
135	56.3	320.3	25,800	57.7	323.0	31,000	59.8	326.4	29,200	135
140	54.7	316.8	24,700	56.1	319.7	29,400	58.2	323.3	27,700	140
142	54.0	315.3	24,200	55.5	318.3	28,800	57.6	322.0	27,100	142
145	53.1	313.1	23,600	54.5	316.2	27,800	56.7	320.1	26,200	145
150	51.4	309.2	22,500	52.9	312.4	26,400	55.1	316.6	24,800	150
155	49.7	305.0	21,500	51.3	308.5	25,100	53.5	313.0	23,500	155
160	48.0	300.6	20,500	49.6	304.3	23,800	51.9	309.1	22,300	160
165	46.2	295.9	19,500	47.8	299.9	22,600	50.2	305.0	21,200	165
170	44.4	290.9	18,600	46.0	295.1	21,500	48.4	300.7	20,100	170
175	42.5	285.6	17,800	44.2	290.1	20,500	46.7	296.1	19,200	175
180	40.5	279.8	17,000	42.3	284.7	19,500	44.8	291.1	18,200	180
185	38.4	273.7	16,300	40.3	278.9	18,600	42.9	285.9	17,300	185
190	36.2	267.0	15,700	38.2	272.7	17,800	41.0	280.3	16,500	190
195	34.0	259.8	15,100	36.0	266.1	16,900	38.9	274.2	15,700	195
200	31.5	251.9	14,500	33.7	258.8	16,100	36.8	267.7	15,000	200
205	28.9	243.2	14,000	31.3	250.8	15,400	34.6	260.7	14,300	205
210	26.1	233.5	13,600	28.7	242.1	14,700	32.2	253.0	13,600	210
215	22.9	222.3	13,000	25.8	232.2	14,000	29.6	244.5	12,900	215
220	19.2	209.1	12,000	22.5	220.9	13,200	26.8	235.0	12,300	220
230	7.7	166.0	8,600	14.1	190.1	11,000	20.2	211.7	11,100	230
231	5.2	156.6	7,900	12.3	183.3	10,400	19.2	207.9	11,000	231
236				3.4	149.5	7,900	14.0	188.8	10,500	236
240							9.9	173.6	10,000	240
243							1.9	142.9	8,100	243
249										249
250										250
260										260

MLC250 S-2

ASME B30.5



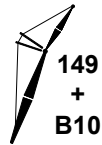
184,600 lb
+
44,000 lb



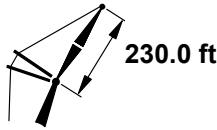
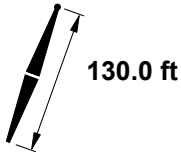
	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
67										67
70										70
75										75
79										79
80										80
85										85
90										90
95										95
96										96
100										100
105										105
110										110
114	67.8	339.1	35,500							114
115	67.6	338.7	35,000							115
120	66.1	336.5	32,900							120
125	64.7	334.2	30,900							125
130	63.2	331.7	29,100							130
135	61.8	329.0	27,400							135
140	60.3	326.2	25,900							140
142	59.7	325.0	25,400	63.0	328.5	22,500				142
145	58.8	323.2	24,500	62.1	326.9	21,800				145
150	57.2	320.1	23,200	60.6	324.2	20,500				150
155	55.7	316.7	22,000	59.1	321.2	19,400				155
160	54.1	313.2	20,800	57.5	318.1	18,400				160
165	52.4	309.4	19,700	56.0	314.8	17,400				165
170	50.8	305.4	18,700	54.4	311.3	16,400	57.8	315.0	14,100	170
175	49.0	301.1	17,800	52.8	307.5	15,600	56.2	311.7	13,200	175
180	47.3	296.6	16,900	51.1	303.6	14,700	54.6	308.2	12,400	180
185	45.5	291.7	16,100	49.4	299.3	14,000	53.0	304.5	11,600	185
190	43.6	286.6	15,300	47.6	294.9	13,200	51.4	300.6	10,900	190
195	41.7	281.1	14,500	45.8	290.1	12,500	49.7	296.4	10,200	195
200	39.7	275.2	13,800	44.0	285.0	11,900	47.9	292.0	9,500	200
205	37.6	268.9	13,100	42.1	279.6	11,200	46.1	287.3	8,900	205
210	35.3	262.0	12,500	40.1	273.8	10,600	44.3	282.2	8,300	210
215	33.0	254.6	11,800	38.0	267.6	10,000	42.4	276.9	7,700	215
220	30.5	246.4	11,300	35.8	260.8	9,400	40.4	271.1	7,100	220
230	24.8	227.0	10,100	31.0	245.5	8,200	36.1	258.3	6,100	230
231	24.1	224.4	10,000	30.5	243.6	8,100	35.7	256.8	6,000	231
236	20.4	211.2	9,500	27.7	234.2	7,600	33.3	249.2	5,500	236
240	17.5	200.7	9,100	25.5	226.6	7,200	31.4	243.1	5,100	240
243	13.4	185.3	8,800	23.3	219.0	6,900				243
249	5.2	154.5	8,200	19.1	203.9	6,300				249
250				18.4	201.3	6,200				250
260				5.3	152.2	5,200				260

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



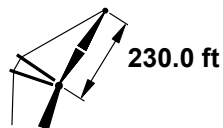
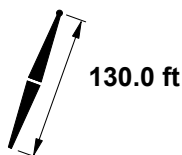
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
69	75.9	360.8	32,600							69
70	75.7	360.5	32,500							70
75	74.4	359.2	32,200							75
80	73.1	357.7	32,000							80
81	72.8	357.4	31,900	74.0	358.4	36,800				81
85	71.8	356.1	31,600	73.0	357.2	36,600				85
90	70.4	354.3	31,200	71.6	355.6	36,400				90
95	69.1	352.5	30,800	70.3	353.8	36,100				95
100	67.8	350.4	30,400	69.0	352.0	35,800	70.8	353.7	35,200	100
105	66.4	348.3	30,000	67.6	349.9	35,500	69.5	351.9	35,100	105
110	65.0	346.0	29,600	66.3	347.8	35,300	68.1	349.9	34,900	110
115	63.7	343.6	29,300	64.9	345.5	34,200	66.8	347.8	34,800	115
117	63.1	342.5	28,800	64.4	344.5	33,700	66.2	346.9	34,700	117
120	62.3	341.0	28,100	63.5	343.0	33,100	65.4	345.5	34,600	120
125	60.8	338.2	27,000	62.1	340.4	31,900	64.0	343.1	32,500	125
130	59.4	335.3	25,800	60.7	337.7	30,600	62.6	340.6	30,700	130
135	57.9	332.2	24,700	59.3	334.7	29,500	61.2	337.9	28,900	135
140	56.4	329.0	23,600	57.8	331.6	28,300	59.8	335.0	27,300	140
145	54.9	325.5	22,600	56.3	328.3	27,100	58.3	332.0	25,900	145
147	54.3	324.1	22,200	55.7	327.0	26,700	57.7	330.7	25,300	147
150	53.4	321.9	21,600	54.8	324.9	26,000	56.8	328.8	24,500	150
155	51.8	318.0	20,600	53.2	321.2	24,800	55.3	325.4	23,200	155
160	50.2	313.9	19,700	51.7	317.3	23,500	53.8	321.8	22,000	160
165	48.6	309.6	18,900	50.1	313.2	22,300	52.2	317.9	20,900	165
170	46.9	305.0	18,000	48.4	308.8	21,200	50.6	313.9	19,800	170
175	45.1	300.1	17,300	46.7	304.2	20,200	49.0	309.6	18,900	175
180	43.3	294.9	16,600	45.0	299.3	19,200	47.3	305.1	17,900	180
185	41.5	289.4	15,900	43.2	294.1	18,300	45.6	300.3	17,000	185
190	39.5	283.4	15,200	41.3	288.5	17,500	43.8	295.2	16,200	190
195	37.5	277.1	14,600	39.4	282.5	16,600	42.0	289.7	15,400	195
200	35.4	270.2	14,100	37.3	276.1	15,900	40.0	283.9	14,700	200
205	33.2	262.8	13,600	35.2	269.2	15,100	38.1	277.7	14,000	205
210	30.8	254.7	13,200	33.0	261.8	14,400	36.0	271.0	13,300	210
215	28.3	245.8	12,700	30.6	253.6	13,700	33.8	263.7	12,700	215
220	25.5	235.7	12,400	28.0	244.5	13,100	31.4	255.8	12,000	220
230	18.8	210.7	10,600	22.0	222.8	11,900	26.2	237.4	10,900	230
235	14.3	193.5	9,000	18.4	209.0	10,800	23.2	226.3	10,300	235
240	7.5	166.7	7,000	13.8	191.2	9,300	19.7	213.4	9,800	240
241	5.1	157.1	6,400	12.0	184.3	8,800	18.7	209.5	9,700	241
246				3.3	149.8	6,400	13.7	190.0	9,100	246
250							9.7	174.5	8,600	250
253							1.8	143.0	6,600	253
255										255
259										259

MLC250 S-2

ASME B30.5



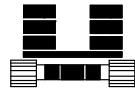
184,600 lb
+
44,000 lb



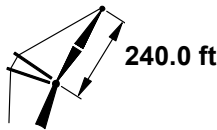
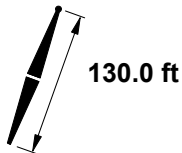
	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
69										69
70										70
75										75
80										80
81										81
85										85
90										90
95										95
100										100
105										105
110										110
115										115
117	68.0	348.7	33,800							117
120	67.2	347.4	32,500							120
125	65.9	345.2	30,600							125
130	64.5	342.8	28,800							130
135	63.1	340.4	27,100							135
140	61.7	337.7	25,600							140
145	60.3	334.9	24,200							145
147	59.7	333.7	23,700	62.8	337.2	20,900				147
150	58.8	331.9	22,900	62.0	335.6	20,200				150
155	57.3	328.8	21,600	60.6	332.8	19,100				155
160	55.8	325.4	20,500	59.1	329.9	18,000				160
165	54.3	321.9	19,400	57.6	326.8	17,000				165
170	52.8	318.1	18,400	56.2	323.5	16,100				170
175	51.2	314.2	17,500	54.6	320.0	15,200	57.9	323.7	12,800	175
180	49.6	310.0	16,600	53.1	316.3	14,400	56.4	320.4	11,900	180
185	47.9	305.6	15,800	51.5	312.4	13,600	54.9	316.9	11,100	185
190	46.2	300.9	15,000	49.9	308.2	12,900	53.3	313.3	10,400	190
195	44.4	295.8	14,200	48.2	303.9	12,200	51.7	309.4	9,700	195
200	42.6	290.5	13,500	46.5	299.2	11,500	50.1	305.3	9,000	200
205	40.7	284.8	12,800	44.8	294.3	10,800	48.5	300.9	8,400	205
210	38.7	278.7	12,200	43.0	289.0	10,200	46.8	296.3	7,800	210
215	36.7	272.2	11,600	41.1	283.4	9,500	45.0	291.4	7,200	215
220	34.5	265.1	11,000	39.2	277.4	8,900	43.3	286.2	6,700	220
230	29.8	249.0	9,900	35.0	264.0	7,800	39.5	274.7	5,700	230
235	27.2	239.7	9,400	32.7	256.4	7,300	37.4	268.3	5,200	235
240	24.3	229.2	8,900	30.3	248.2	6,800				240
241	23.6	226.5	8,800	29.8	246.3	6,700				241
246	20.0	213.0	8,200	27.1	236.6	6,200				246
250	17.1	202.2	7,800	24.9	228.8	5,800				250
253	14.1	190.4	7,500	23.0	221.7	5,500				253
255	12.0	182.5	7,300	21.7	217.0	5,300				255
259	5.1	154.9	6,900							259

MLC250 S-2

ASME B30.5



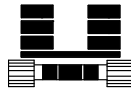
184,600 lb
+
44,000 lb



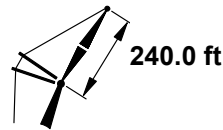
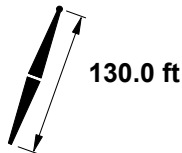
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
73	75.8	370.4	29,000							73
75	75.3	369.9	28,900							75
80	74.1	368.5	28,600							80
85	72.8	367.0	28,300	74.0	368.0	29,500				85
90	71.6	365.3	28,000	72.7	366.5	29,500				90
95	70.3	363.6	27,800	71.5	364.9	29,500				95
100	69.0	361.7	27,600	70.2	363.1	29,500				100
104	68.0	360.1	27,300	69.2	361.6	29,500	70.9	363.3	29,500	104
105	67.8	359.7	27,300	68.9	361.2	29,500	70.7	363.0	29,500	105
110	66.5	357.5	26,900	67.6	359.2	29,500	69.4	361.1	29,500	110
115	65.2	355.3	26,600	66.3	357.0	29,500	68.1	359.1	29,500	115
120	63.8	352.8	26,300	65.0	354.7	29,500	66.8	357.0	29,500	120
122	63.3	351.8	26,100	64.5	353.7	29,500	66.3	356.1	29,500	122
125	62.5	350.3	26,000	63.7	352.3	29,500	65.5	354.8	29,500	125
130	61.1	347.6	25,200	62.4	349.7	29,500	64.2	352.4	29,500	130
135	59.7	344.7	24,300	61.0	347.0	28,500	62.8	349.9	28,600	135
140	58.4	341.6	23,200	59.6	344.1	27,600	61.5	347.2	27,000	140
145	56.9	338.4	22,300	58.2	341.0	26,500	60.1	344.4	25,500	145
150	55.5	335.1	21,300	56.8	337.8	25,500	58.7	341.4	24,200	150
152	54.9	333.6	21,000	56.2	336.5	25,100	58.1	340.1	23,600	152
155	54.0	331.5	20,500	55.4	334.4	24,500	57.3	338.2	22,900	155
160	52.5	327.7	19,600	53.9	330.8	23,200	55.9	334.9	21,700	160
165	51.0	323.7	18,800	52.4	327.0	22,000	54.4	331.3	20,600	165
170	49.4	319.5	18,000	50.9	323.0	20,900	52.9	327.6	19,500	170
175	47.8	315.1	17,300	49.3	318.8	19,900	51.4	323.7	18,500	175
180	46.2	310.4	16,600	47.7	314.3	18,900	49.8	319.5	17,600	180
181	45.9	309.4	16,500	47.4	313.4	18,800	49.5	318.7	17,400	181
185	44.5	305.4	15,900	46.0	309.6	18,000	48.3	315.2	16,700	185
190	42.8	300.1	15,300	44.4	304.6	17,200	46.6	310.5	15,900	190
195	41.0	294.4	14,700	42.6	299.2	16,300	45.0	305.6	15,100	195
200	39.1	288.4	14,100	40.8	293.6	15,500	43.2	300.4	14,300	200
205	37.2	282.0	13,600	38.9	287.5	14,800	41.5	294.8	13,600	205
210	35.1	275.0	13,100	37.0	281.0	14,100	39.6	288.9	13,000	210
215	33.0	267.6	12,600	34.9	274.1	13,400	37.7	282.6	12,300	215
220	30.7	259.4	12,200	32.8	266.5	12,800	35.7	275.8	11,700	220
225	28.2	250.4	11,800	30.5	258.3	12,200	33.5	268.5	11,100	225
230	25.6	240.5	11,200	28.0	249.2	11,600	31.3	260.5	10,600	230
235	22.6	229.1	10,400	25.3	239.1	11,000	28.9	251.8	10,000	235
240	19.2	215.8	9,100	22.3	227.6	10,400	26.3	242.1	9,500	240
250	9.3	175.6	6,000	14.7	197.2	8,000	20.2	218.4	8,500	250
257				4.0	152.9	5,100	13.8	192.8	7,800	257
260							11.1	181.9	7,500	260
264							2.9	147.8	5,400	264
270										270

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



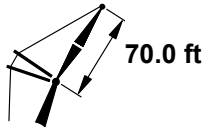
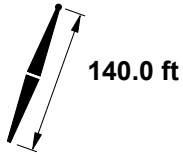
	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
73										73
75										75
80										80
85										85
90										90
95										95
100										100
104										104
105										105
110										110
115										115
120										120
122	68.0	357.9	29,500							122
125	67.2	356.6	29,500							125
130	65.9	354.4	28,400							130
135	64.6	352.1	26,800							135
140	63.3	349.6	25,200							140
145	61.9	347.0	23,800							145
150	60.6	344.2	22,500							150
152	60.0	343.0	22,000	63.0	346.5	19,400				152
155	59.2	341.3	21,300	62.2	344.9	18,700				155
160	57.8	338.2	20,100	60.9	342.2	17,600				160
165	56.4	334.9	19,100	59.5	339.3	16,600				165
170	54.9	331.4	18,100	58.1	336.2	15,700				170
175	53.4	327.8	17,100	56.7	332.9	14,800				175
180	51.9	323.9	16,200	55.2	329.5	14,000				180
181	51.6	323.1	16,100	54.9	328.8	13,900	58.0	332.4	11,100	181
185	50.4	319.9	15,400	53.7	325.9	13,200	56.9	329.9	10,500	185
190	48.8	315.6	14,600	52.2	322.1	12,400	55.4	326.5	9,800	190
195	47.2	311.0	13,900	50.7	318.1	11,700	54.0	322.9	9,100	195
200	45.5	306.2	13,100	49.1	313.8	10,900	52.5	319.1	8,400	200
205	43.8	301.1	12,500	47.5	309.3	10,200	50.9	315.1	7,800	205
210	42.1	295.7	11,800	45.9	304.6	9,600	49.4	310.9	7,200	210
215	40.2	289.9	11,200	44.2	299.5	9,000	47.8	306.4	6,600	215
220	38.3	283.7	10,600	42.4	294.2	8,400	46.1	301.7	6,000	220
225	36.4	277.1	10,100	40.6	288.4	7,800	44.4	296.7	5,500	225
230	34.3	269.9	9,500	38.7	282.3	7,200				230
235	32.1	262.2	8,900	36.8	275.8	6,700				235
240	29.7	253.7	8,400	34.7	268.8	6,200				240
250	24.4	233.9	7,300	30.2	252.9	5,200				250
257	19.7	215.4	6,600							257
260	17.7	207.5	6,300							260
264	12.8	187.4	5,900							264
270	5.4	157.3	5,300							270

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



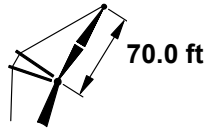
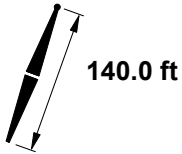
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
32	74.6	215.2	142,600 d							32
34	72.9	214.5	140,300 d							34
36	71.1	213.8	136,200 d							36
38	69.4	213.1	132,000 d	73.6	214.5	141,100 d				38
40	67.6	212.3	128,100 c	71.9	213.8	136,800 d				40
45	63.1	209.8	118,900 b	67.5	211.9	127,000 c				45
49	59.3	207.5	112,400 b	63.9	209.9	119,900 c	70.4	212.4	126,100 d	49
50	58.3	206.9	110,800 b	62.9	209.4	118,100 b	69.5	212.0	122,800 d	50
55	53.3	203.4	103,600	58.2	206.5	110,100 b	65.0	209.8	108,300 b	55
59	49.0	200.0	98,500	54.2	203.7	102,600 b	61.3	207.6	99,100 b	59
60	47.9	199.1	97,300	53.2	202.9	100,700	60.4	207.1	96,800 b	60
65	42.0	193.9	90,800	47.8	198.7	90,800	55.5	203.8	87,300	65
70	35.3	187.4	83,100	41.9	193.4	82,600	50.3	199.9	79,400	70
75	27.2	178.8	77,300	35.1	186.9	75,600	44.7	195.1	72,700	75
77	22.4	173.4	73,600	31.9	183.4	73,200	42.1	192.8	70,400	77
80	15.3	165.2	68,100	26.9	178.3	69,600	38.3	189.3	66,900	80
82	4.8	152.5	55,500	22.1	172.7	67,500	35.4	186.3	64,900	82
85				14.9	164.4	64,300	30.9	181.7	61,900	85
87				2.5	149.5	55,100	27.1	177.5	60,100	87
90							21.3	171.0	57,400	90
94							6.4	153.4	54,100	94
95										95
100										100
101										101
105										105
110										110
113										113
115										115
120										120
125										125
130										130
135										135
136										136

MLC250 S-2

ASME B30.5



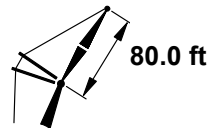
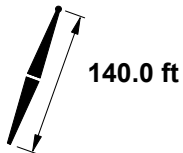
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
32													32
34													34
36													36
38													38
40													40
45													45
49													49
50													50
55													55
59	68.0	210.1	94,900 c										59
60	67.1	209.6	92,900 c										60
65	62.5	207.2	83,800 b										65
70	57.7	204.2	76,200 b										70
75	52.7	200.5	69,700										75
77	50.5	198.8	67,500	62.4	204.3	62,700 b							77
80	47.2	196.2	64,200	59.6	202.5	59,700 b							80
82	44.8	194.1	62,300	57.6	201.2	57,900 b							82
85	41.3	190.9	59,400	54.6	199.2	55,200							85
87	38.5	188.2	57,700	52.5	197.5	53,600							87
90	34.4	184.2	55,200	49.3	195.1	51,300							90
94	27.7	177.0	52,100	44.7	191.1	48,500	57.2	197.1	44,800				94
95	26.0	175.2	51,400	43.6	190.2	47,800	56.2	196.4	44,100				95
100	13.1	160.3	47,900	37.1	184.1	44,700	51.1	192.6	41,300				100
101	8.2	154.3	47,200	35.6	182.5	44,100	49.9	191.7	40,700				101
105				29.5	176.1	41,800	45.5	188.0	38,700				105
110				19.0	164.4	39,200	39.3	182.3	36,300	52.3	188.7	33,400	110
113				7.3	150.5	37,700	35.0	177.9	35,000	49.1	186.1	32,200	113
115							32.1	175.0	34,200	46.9	184.3	31,400	115
120							22.9	165.0	32,200	40.9	178.9	29,600	120
125							2.0	140.1	30,100	33.9	172.1	27,900	125
130										25.4	163.0	26,300	130
135										11.8	147.1	24,800	135
136										5.6	139.6	24,500	136

MLC250 S-2

ASME B30.5



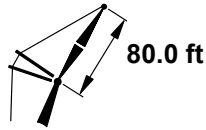
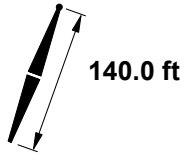
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
33	75.8	225.3	128,500 d							33
34	75.1	225.0	127,700 d							34
36	73.6	224.4	125,800 d							36
38	72.1	223.7	125,600 d							38
40	70.5	223.0	122,100 c							40
41	69.8	222.6	120,600 c	73.5	224.0	129,700 d				41
45	66.7	221.0	114,900 b	70.5	222.6	122,600 c				45
50	62.7	218.5	107,300	66.6	220.6	114,400 b				50
52	61.0	217.3	104,600	65.0	219.6	111,400 b	70.7	221.9	116,100 c	52
55	58.5	215.6	100,500	62.6	218.1	106,900	68.4	220.8	107,900 b	55
60	54.2	212.1	94,400	58.4	215.2	100,200	64.4	218.5	96,300 b	60
63	51.4	209.7	90,200	55.8	213.1	94,400	62.0	216.8	90,700 b	63
65	49.6	208.1	87,400	54.1	211.7	90,500	60.3	215.8	86,900	65
70	44.6	203.3	79,600	49.5	207.6	82,300	56.1	212.5	79,000	70
75	39.1	197.5	73,000	44.5	202.8	75,400	51.6	208.8	72,300	75
80	32.9	190.4	67,400	39.0	197.0	69,400	46.8	204.3	66,600	80
81	31.4	188.5	66,600	37.7	195.6	68,300	45.8	203.2	65,600	81
85	25.3	181.1	63,300	32.7	189.9	64,200	41.6	199.0	61,600	85
90	14.2	166.4	59,900	25.1	180.5	59,600	35.7	192.5	57,200	90
92	4.4	152.8	49,300	20.6	174.5	57,900	33.0	189.2	55,600	92
95				13.8	165.6	55,500	28.8	184.3	53,300	95
97				2.2	149.5	49,100	25.2	179.7	51,900	97
99							21.6	175.1	50,500	99
100							19.8	172.8	49,800	100
104							5.9	153.9	47,100	104
105										105
110										110
111										111
115										115
116										116
120										120
123										123
125										125
130										130
135										135
140										140
145										145
146										146

MLC250 S-2

ASME B30.5



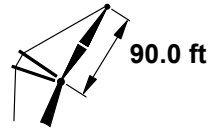
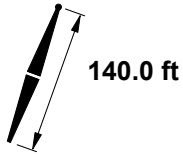
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
33													33
34													34
36													36
38													38
40													40
41													41
45													45
50													50
52													52
55													55
60													60
63	67.8	219.2	86,700 b										63
65	66.2	218.3	83,200 b										65
70	62.2	215.8	75,700										70
75	58.0	212.8	69,300										75
80	53.6	209.3	63,800										80
81	52.7	208.5	62,800	62.9	213.5	58,100 b							81
85	49.0	205.2	59,000	59.6	211.2	54,600							85
90	44.0	200.3	54,800	55.3	207.9	50,700							90
92	41.8	197.9	53,300	53.5	206.3	49,300							92
95	38.4	194.4	51,000	50.8	204.0	47,300							95
97	35.9	191.4	49,700	48.8	202.1	46,000							97
99	33.4	188.5	48,400	46.9	200.3	44,800	57.6	205.8	41,200				99
100	32.1	187.1	47,700	45.9	199.4	44,200	56.7	205.1	40,600				100
104	25.8	179.3	45,300	41.7	195.0	42,000	53.1	202.2	38,600				104
105	24.3	177.3	44,700	40.6	193.9	41,400	52.3	201.4	38,100				105
110	12.2	161.3	41,900	34.6	187.2	38,900	47.5	197.1	35,800				110
111	7.6	154.9	41,300	33.2	185.5	38,400	46.5	196.0	35,300				111
115				27.4	178.6	36,600	42.3	191.9	33,700				115
116				25.5	176.0	36,200	41.2	190.6	33,300	52.4	196.7	30,400	116
120				17.7	166.0	34,500	36.6	185.6	31,700	48.7	193.3	29,000	120
123				6.8	151.0	33,200	32.6	180.9	30,700	45.7	190.4	28,000	123
125							29.9	177.7	30,000	43.6	188.4	27,300	125
130							21.3	166.8	28,300	38.1	182.4	25,800	130
135							1.7	140.1	26,600	31.6	175.0	24,400	135
140										23.7	165.0	23,100	140
145										10.9	148.0	21,800	145
146										5.1	140.0	21,500	146

MLC250 S-2

ASME B30.5



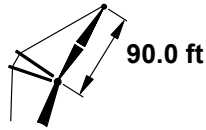
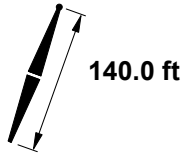
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
36	75.5	234.8	115,000 d							36
38	74.1	234.2	113,500 d							38
40	72.8	233.6	112,000 c							40
43	70.8	232.5	109,800 c	74.0	233.9	118,000 d				43
45	69.4	231.8	108,300 b	72.7	233.2	118,000 c				45
50	65.9	229.7	104,200 b	69.3	231.4	110,900 b				50
55	62.4	227.2	97,700	65.9	229.3	104,000	70.9	231.5	107,500 b	55
60	58.7	224.3	92,000	62.3	226.8	97,700	67.5	229.5	96,000 b	60
65	54.9	220.9	85,500	58.6	223.8	90,300	63.9	227.1	86,600	65
67	53.2	219.3	82,400	57.1	222.5	87,000	62.5	226.0	83,400	67
70	50.8	217.0	77,800	54.8	220.4	82,100	60.3	224.4	78,700	70
75	46.5	212.4	71,200	50.7	216.5	75,200	56.5	221.2	72,000	75
80	41.9	207.1	65,300	46.4	212.0	69,200	52.6	217.6	66,300	80
85	36.8	200.9	60,400	41.8	206.7	64,000	48.4	213.3	61,400	85
86	35.6	199.3	59,600	40.7	205.4	63,100	47.5	212.3	60,500	86
90	30.9	193.2	56,200	36.6	200.4	59,500	43.9	208.4	57,000	90
95	23.8	183.2	53,200	30.8	192.6	55,500	39.1	202.6	53,100	95
100	13.4	167.6	51,800	23.6	182.5	51,900	33.6	195.6	49,700	100
102	4.1	153.1	43,900	19.4	176.2	50,500	31.0	192.0	48,500	102
104				15.1	169.8	49,200	28.4	188.5	47,200	104
105				13.0	166.6	48,600	27.1	186.7	46,600	105
107				2.0	149.6	43,800	23.7	181.8	45,500	107
110							18.6	174.4	43,800	110
114							5.5	154.3	41,600	114
115										115
120										120
121										121
122										122
125										125
130										130
133										133
135										135
140										140
145										145
150										150
155										155
156										156

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



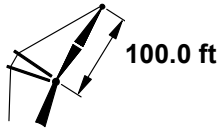
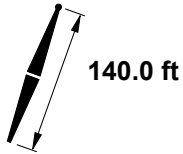
	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
36													36
38													38
40													40
43													43
45													45
50													50
55													55
60													60
65													65
67	67.6	228.4	79,700 b										67
70	65.5	227.0	75,300										70
75	61.9	224.5	68,900										75
80	58.2	221.5	63,400										80
85	54.4	218.1	58,700										85
86	53.6	217.3	57,800	62.6	222.1	53,400							86
90	50.3	214.1	54,500	59.7	219.8	50,300							90
95	46.0	209.5	50,800	55.9	216.6	46,900							95
100	41.3	204.1	47,500	51.9	212.8	43,900							100
102	39.2	201.5	46,300	50.2	211.1	42,800							102
104	37.1	198.9	45,100	48.5	209.3	41,700	57.8	214.5	38,200				104
105	36.1	197.7	44,500	47.6	208.5	41,100	57.1	213.8	37,700				105
107	33.7	194.5	43,500	45.8	206.4	40,100	55.5	212.4	36,800				107
110	30.2	189.8	41,900	43.1	203.4	38,600	53.2	210.2	35,400				110
114	24.3	181.4	39,900	39.1	198.6	36,800	49.8	206.9	33,700				114
115	22.8	179.3	39,400	38.1	197.4	36,400	49.0	206.1	33,300				115
120	11.4	162.2	37,100	32.5	190.1	34,300	44.6	201.2	31,400				120
121	7.1	155.5	36,600	31.2	188.3	33,900	43.6	200.1	31,100				121
122				29.8	186.4	33,500	42.7	199.0	30,700	52.5	204.7	27,900	122
125				25.8	180.8	32,400	39.8	195.6	29,700	50.0	202.3	27,000	125
130				16.7	167.4	30,600	34.4	188.7	28,100	45.7	197.6	25,500	130
133				6.3	151.5	29,500	30.6	183.6	27,200	42.9	194.3	24,700	133
135							28.1	180.2	26,600	41.0	192.2	24,100	135
140							20.0	168.6	25,100	35.8	185.7	22,800	140
145							1.5	140.0	23,700	29.7	177.6	21,600	145
150										22.2	167.0	20,500	150
155										10.3	148.9	19,400	155
156										4.8	140.3	19,100	156

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



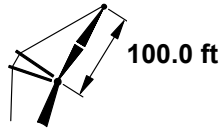
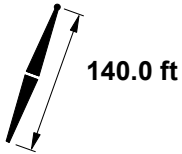
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
38	75.8	244.6	105,100 d							38
40	74.6	244.1	102,500 c							40
45	71.6	242.5	99,500 b							45
46	70.9	242.1	98,900 b	73.9	243.4	112,500 b				46
50	68.5	240.6	96,400	71.5	242.1	107,100 b				50
55	65.4	238.4	93,500	68.4	240.2	100,700				55
59	62.8	236.3	90,100	65.9	238.4	96,000	70.4	240.7	97,600 b	59
60	62.2	235.8	89,300	65.3	238.0	94,800	69.8	240.3	95,500 b	60
65	58.8	232.9	82,400	62.1	235.4	89,400	66.7	238.2	86,100	65
70	55.4	229.6	75,700	58.7	232.5	81,700	63.6	235.8	78,200	70
71	54.7	228.8	74,400	58.1	231.8	80,300	62.9	235.3	76,900	71
75	51.8	225.8	69,300	55.3	229.2	74,800	60.3	233.1	71,600	75
80	48.0	221.5	63,600	51.7	225.4	68,800	56.9	229.9	65,900	80
85	44.0	216.5	58,600	47.9	221.0	63,700	53.4	226.3	60,900	85
90	39.6	210.8	54,300	43.9	216.1	59,200	49.7	222.3	56,600	90
95	34.8	204.0	50,500	39.5	210.3	55,200	45.8	217.6	52,700	95
100	29.3	195.8	47,400	34.7	203.5	51,600	41.5	212.2	49,300	100
105	22.5	185.1	45,000	29.1	195.2	48,400	36.9	205.9	46,200	105
110	12.6	168.6	44,100	22.3	184.5	45,500	31.8	198.4	43,500	110
112	3.8	153.4	39,300	18.3	177.8	44,400	29.3	194.6	42,500	112
115				12.3	167.7	42,800	25.7	189.0	40,900	115
117				1.9	149.6	39,300	22.4	183.8	40,000	117
120							17.6	175.9	38,600	120
124							5.2	154.7	36,800	124
125										125
128										128
130										130
131										131
135										135
140										140
143										143
145										145
150										150
155										155
160										160
165										165
166										166

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



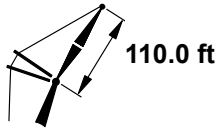
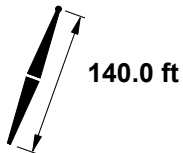
	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
38													38
40													40
45													45
46													46
50													50
55													55
59													59
60													60
65													65
70													70
71	67.5	237.6	73,400										71
75	65.0	235.7	68,400										75
80	61.8	233.1	62,900										80
85	58.4	230.2	58,200										85
90	55.0	226.8	54,000	63.0	231.3	49,700							90
95	51.3	223.0	50,300	59.7	228.5	46,300							95
100	47.5	218.6	47,000	56.3	225.3	43,300							100
105	43.5	213.5	44,100	52.7	221.6	40,600							105
110	39.1	207.7	41,500	49.0	217.4	38,100	57.4	222.5	34,800				110
112	37.1	204.9	40,500	47.4	215.5	37,200	56.0	221.1	34,000				112
115	34.2	200.7	39,000	45.0	212.7	35,900	53.9	219.0	32,700				115
117	31.9	197.4	38,200	43.3	210.5	35,000	52.4	217.4	32,000				117
120	28.5	192.3	36,800	40.8	207.1	33,800	50.2	215.0	30,800				120
124	23.0	183.4	35,200	37.0	202.0	32,300	47.1	211.3	29,500				124
125	21.6	181.2	34,800	36.1	200.7	32,000	46.3	210.4	29,100				125
128	15.1	170.4	33,600	32.9	196.0	30,900	43.8	207.2	28,200	52.6	212.8	25,400	128
130	10.8	163.1	32,800	30.8	192.9	30,200	42.2	205.1	27,500	51.1	211.1	24,900	130
131	6.7	156.0	32,400	29.5	190.9	29,900	41.2	203.9	27,200	50.3	210.2	24,600	131
135				24.4	183.0	28,600	37.6	199.0	26,100	47.3	206.7	23,500	135
140				15.8	168.8	27,100	32.5	191.7	24,700	43.2	201.6	22,300	140
143				6.0	152.0	26,200	29.0	186.2	23,900	40.5	198.1	21,600	143
145							26.6	182.6	23,400	38.8	195.7	21,100	145
150							18.9	170.2	22,200	33.8	188.7	20,000	150
155							1.3	140.0	20,900	28.1	180.1	19,000	155
160										21.0	168.8	18,000	160
165										9.7	149.7	17,000	165
166										4.5	140.7	16,800	166

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



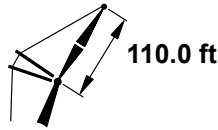
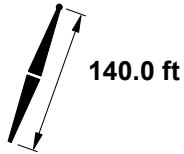
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
40	76.0	254.4	95,200 c							40
45	73.3	253.0	91,500 b							45
49	71.1	251.6	89,500 b	73.8	252.9	104,600 b				49
50	70.5	251.3	89,000	73.2	252.6	103,400 b				50
55	67.7	249.3	86,500	70.5	250.9	97,500				55
60	64.9	247.1	84,100	67.7	248.9	92,100				60
62	63.7	246.0	82,300	66.5	248.0	90,100	70.6	250.2	91,400	62
65	62.0	244.5	79,600	64.8	246.7	87,000	69.0	249.1	85,900	65
70	58.9	241.6	73,400	61.9	244.1	81,600	66.1	246.9	78,100	70
74	56.4	238.9	68,800	59.5	241.8	76,100	63.8	245.0	72,800	74
75	55.8	238.3	67,700	58.9	241.2	74,700	63.2	244.5	71,500	75
80	52.6	234.6	62,500	55.7	237.9	68,800	60.3	241.7	65,800	80
85	49.2	230.4	57,400	52.5	234.2	63,600	57.2	238.6	60,800	85
90	45.6	225.7	53,100	49.1	230.0	59,100	54.0	235.1	56,500	90
95	41.8	220.4	49,200	45.5	225.3	55,100	50.7	231.1	52,700	95
100	37.7	214.2	45,900	41.7	219.9	51,600	47.2	226.7	49,200	100
105	33.1	207.0	42,900	37.6	213.7	48,400	43.5	221.6	46,200	105
110	27.9	198.3	40,500	33.0	206.5	45,500	39.5	215.8	43,400	110
115	21.4	187.0	38,800	27.7	197.7	42,900	35.1	209.1	40,900	115
120	12.0	169.6	38,100	21.3	186.4	40,500	30.2	201.1	38,600	120
122	3.6	153.6	35,000	17.4	179.3	39,600	27.9	197.1	37,800	122
125				11.7	168.7	38,200	24.4	191.1	36,500	125
127				1.7	149.7	34,900	21.3	185.6	35,700	127
130							16.8	177.3	34,600	130
134							4.9	155.0	33,000	134
135										135
140										140
141										141
145										145
150										150
153										153
155										155
160										160
165										165
170										170
175										175
176										176

MLC250 S-2

ASME B30.5



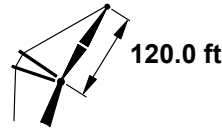
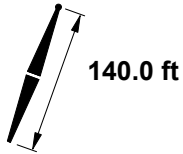
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
40													40
45													45
49													49
50													50
55													55
60													60
62													62
65													65
70													70
74	68.0	247.1	69,400										74
75	67.4	246.7	68,200										75
80	64.5	244.4	62,800										80
85	61.6	241.8	58,000										85
90	58.6	238.8	53,900										90
95	55.4	235.5	50,200	62.7	240.0	46,200							95
100	52.2	231.8	46,900	59.7	237.2	43,100							100
105	48.8	227.5	44,000	56.6	234.0	40,400							105
110	45.2	222.8	41,400	53.4	230.4	38,000							110
115	41.3	217.3	39,000	50.1	226.4	35,700	57.6	231.2	32,600				115
120	37.1	211.0	36,800	46.6	221.8	33,700	54.5	227.7	30,700				120
122	35.3	208.1	36,000	45.1	219.7	33,000	53.1	226.2	30,000				122
125	32.5	203.7	34,800	42.8	216.6	31,900	51.2	223.8	29,000				125
127	30.4	200.1	34,000	41.2	214.2	31,200	49.8	222.1	28,300				127
130	27.1	194.7	32,900	38.8	210.7	30,200	47.7	219.4	27,400				130
134	21.8	185.3	31,600	35.2	205.1	28,900	44.8	215.5	26,200	52.6	220.8	23,600	134
135	20.5	183.0	31,200	34.3	203.8	28,600	44.0	214.5	25,900	52.0	220.0	23,400	135
140	10.3	164.0	29,600	29.3	195.5	27,100	40.1	208.8	24,600	48.5	215.7	22,100	140
141	6.3	156.5	29,200	28.1	193.4	26,800	39.2	207.5	24,300	47.8	214.7	21,900	141
145				23.2	185.0	25,700	35.8	202.2	23,300	44.9	210.9	21,000	145
150				15.0	170.0	24,400	31.0	194.4	22,200	41.1	205.4	19,900	150
153				5.7	152.4	23,600	27.6	188.7	21,500	38.5	201.6	19,300	153
155							25.3	184.8	21,100	36.9	199.1	18,900	155
160							18.0	171.8	20,000	32.2	191.6	17,900	160
165							1.2	140.0	18,900	26.8	182.5	17,000	165
170										20.0	170.6	16,200	170
175										9.2	150.4	15,300	175
176										4.2	141.0	15,100	176

MLC250 S-2

ASME B30.5



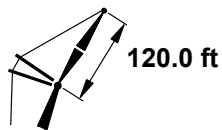
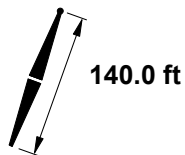
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
43	75.7	264.0	84,800 b							43
45	74.7	263.4	84,000 b							45
50	72.2	261.9	83,000							50
52	71.2	261.2	81,800	73.7	262.5	97,200				52
55	69.7	260.1	79,900	72.2	261.5	94,100				55
60	67.1	258.1	78,800	69.6	259.7	89,100				60
65	64.5	255.8	76,000	67.1	257.7	84,400	70.8	259.8	85,400	65
70	61.8	253.2	70,900	64.4	255.4	80,100	68.2	257.8	77,600	70
75	59.0	250.2	65,600	61.7	252.8	74,300	65.6	255.6	71,000	75
78	57.3	248.3	62,800	60.1	251.0	70,700	64.0	254.1	67,500	78
80	56.2	247.0	60,800	59.0	249.8	68,300	63.0	253.2	65,300	80
85	53.2	243.4	56,300	56.1	246.6	63,200	60.2	250.4	60,300	85
90	50.2	239.3	52,000	53.2	242.9	58,700	57.4	247.3	56,000	90
95	47.0	234.8	48,300	50.1	238.9	54,700	54.5	243.8	52,200	95
99	44.2	230.8	45,600	47.5	235.3	51,900	52.1	240.8	49,500	99
100	43.6	229.8	44,900	46.9	234.4	51,200	51.5	240.0	48,800	100
105	39.9	224.0	41,900	43.5	229.3	48,000	48.4	235.7	45,800	105
110	36.0	217.5	39,300	39.8	223.5	45,100	45.0	230.9	43,000	110
115	31.6	209.8	37,000	35.9	217.0	42,500	41.5	225.4	40,500	115
120	26.6	200.6	35,100	31.5	209.3	40,200	37.7	219.3	38,300	120
125	20.5	188.8	33,700	26.5	200.0	38,000	33.6	212.1	36,200	125
130	11.5	170.6	33,300	20.3	188.1	36,000	28.9	203.7	34,300	130
132	3.4	153.8	30,800	16.6	180.7	35,200	26.7	199.5	33,500	132
135				11.1	169.6	34,100	23.3	193.2	32,500	135
137				1.6	149.7	30,800	20.4	187.4	31,800	137
140							16.0	178.7	30,800	140
144							4.7	155.4	29,500	144
145										145
150										150
151										151
155										155
160										160
163										163
165										165
170										170
175										175
180										180
185										185
186										186

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



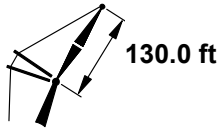
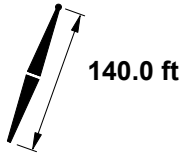
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
43													43
45													45
50													50
52													52
55													55
60													60
65													65
70													70
75													75
78	67.8	256.3	64,300										78
80	66.8	255.5	62,200										80
85	64.2	253.1	57,500										85
90	61.5	250.5	53,300										90
95	58.7	247.5	49,700										95
99	56.4	244.9	47,100	63.0	249.2	43,100							99
100	55.8	244.2	46,400	62.5	248.7	42,500							100
105	52.9	240.6	43,500	59.7	245.8	39,800							105
110	49.8	236.5	40,900	56.9	242.7	37,400							110
115	46.5	231.9	38,500	54.0	239.1	35,200							115
120	43.1	226.8	36,300	51.0	235.2	33,200	57.8	239.9	30,100				120
125	39.5	220.9	34,400	47.8	230.8	31,300	54.9	236.4	28,400				125
130	35.5	214.3	32,500	44.4	225.9	29,600	51.9	232.7	26,800				130
132	33.7	211.1	31,800	43.0	223.7	29,000	50.7	231.0	26,200				132
135	31.1	206.5	30,800	40.9	220.4	28,100	48.8	228.4	25,400				135
137	29.0	202.7	30,200	39.3	217.8	27,500	47.5	226.5	24,800				137
140	25.9	197.0	29,300	37.0	214.0	26,600	45.5	223.7	24,000	52.7	228.8	21,500	140
144	20.9	187.2	28,100	33.6	208.2	25,600	42.7	219.4	23,000	50.2	225.5	20,600	144
145	19.6	184.7	27,800	32.8	206.7	25,300	42.0	218.4	22,800	49.6	224.6	20,400	145
150	9.8	164.8	26,300	28.0	198.0	24,000	38.3	212.3	21,600	46.3	220.0	19,300	150
151	6.0	157.0	26,000	26.8	195.8	23,800	37.5	210.9	21,400	45.6	219.0	19,100	151
155				22.2	187.0	22,800	34.2	205.3	20,600	42.9	214.8	18,300	155
160				14.3	171.3	21,700	29.6	197.1	19,500	39.2	209.0	17,400	160
163				5.4	152.8	21,000	26.3	191.0	19,000	36.8	204.9	16,800	163
165							24.2	186.9	18,600	35.2	202.2	16,500	165
170							17.2	173.3	17,600	30.8	194.4	15,700	170
175							1.1	140.0	16,600	25.6	184.8	14,900	175
180										19.1	172.2	14,100	180
185										8.8	151.1	13,300	185
186										4.0	141.3	13,200	186

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



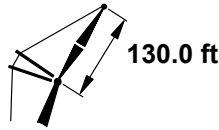
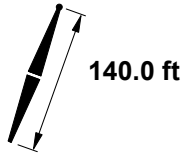
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
45	75.9	273.8	77,200 b							45
50	73.6	272.4	75,600							50
54	71.8	271.1	74,900	74.0	272.3	88,500				54
55	71.3	270.8	74,700	73.6	272.0	88,500				55
60	69.0	268.9	72,200	71.3	270.4	86,300				60
65	66.6	266.8	70,500	68.9	268.5	81,900				65
68	65.1	265.4	69,400	67.5	267.2	79,500	70.9	269.3	80,200	68
70	64.1	264.4	68,700	66.5	266.4	77,900	70.0	268.6	77,200	70
75	61.7	261.8	64,000	64.1	264.0	74,000	67.6	266.6	70,600	75
80	59.1	258.9	59,500	61.6	261.4	68,000	65.2	264.3	64,900	80
82	58.1	257.6	57,900	60.6	260.2	66,000	64.2	263.3	62,900	82
85	56.5	255.7	55,400	59.0	258.5	62,900	62.7	261.8	60,000	85
90	53.8	252.1	51,500	56.4	255.3	58,400	60.2	259.1	55,700	90
95	51.0	248.2	47,800	53.7	251.7	54,400	57.6	256.0	51,900	95
100	48.1	243.8	44,500	50.9	247.8	50,900	55.0	252.6	48,500	100
104	45.6	240.0	42,100	48.6	244.3	48,300	52.8	249.5	46,000	104
105	45.0	239.0	41,500	48.0	243.4	47,700	52.2	248.8	45,400	105
110	41.7	233.6	38,800	44.9	238.5	44,900	49.3	244.6	42,700	110
115	38.3	227.5	36,300	41.7	233.1	42,300	46.3	240.0	40,200	115
120	34.5	220.6	34,300	38.2	227.0	39,900	43.2	234.9	38,000	120
125	30.3	212.5	32,400	34.4	220.1	37,700	39.8	229.1	35,900	125
130	25.5	202.9	31,000	30.2	212.0	35,800	36.2	222.6	34,000	130
135	19.7	190.5	29,900	25.4	202.3	33,900	32.2	215.0	32,200	135
140	11.0	171.5	29,600	19.5	189.8	32,200	27.7	206.1	30,600	140
142	3.2	154.1	27,300	16.0	182.1	31,500	25.6	201.7	30,000	142
145				10.7	170.5	30,600	22.4	195.2	29,100	145
146				6.1	160.1	28,900	21.0	192.1	28,800	146
147				1.5	149.8	27,300	19.6	189.1	28,500	147
150							15.4	180.0	27,600	150
154							4.5	155.7	26,500	154
155										155
160										160
161										161
165										165
170										170
173										173
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196										196

MLC250 S-2

ASME B30.5



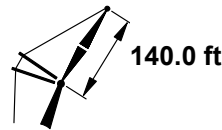
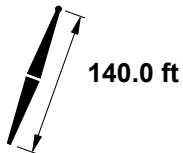
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
45													45
50													50
54													54
55													55
60													60
65													65
68													68
70													70
75													75
80													80
82	67.7	265.5	59,900										82
85	66.3	264.2	57,100										85
90	63.8	261.8	53,000										90
95	61.3	259.1	49,300										95
100	58.8	256.2	46,100										100
104	56.7	253.6	43,700	62.8	257.9	39,900							104
105	56.2	252.9	43,200	62.3	257.3	39,400							105
110	53.4	249.3	40,500	59.8	254.5	37,000							110
115	50.6	245.3	38,200	57.2	251.4	34,800							115
120	47.7	240.9	36,000	54.5	247.9	32,800							120
125	44.6	236.0	34,000	51.7	244.0	31,000	58.0	248.5	27,900				125
130	41.3	230.5	32,200	48.8	239.8	29,300	55.3	245.2	26,400				130
135	37.8	224.4	30,500	45.8	235.1	27,700	52.6	241.4	25,000				135
140	34.0	217.3	29,000	42.6	229.8	26,300	49.7	237.3	23,600				140
142	32.3	214.0	28,400	41.2	227.5	25,800	48.5	235.5	23,100				142
145	29.8	209.1	27,500	39.2	224.0	25,000	46.8	232.8	22,400				145
146	28.8	207.1	27,300	38.4	222.6	24,700	46.1	231.8	22,200	52.7	236.8	19,700	146
147	27.8	205.1	27,000	37.7	221.3	24,500	45.5	230.8	22,000	52.1	235.9	19,500	147
150	24.9	199.2	26,200	35.5	217.3	23,700	43.6	227.7	21,300	50.4	233.5	18,900	150
154	20.0	188.9	25,100	32.3	211.1	22,800	41.0	223.2	20,400	48.1	230.0	18,100	154
155	18.8	186.4	24,900	31.4	209.5	22,500	40.3	222.0	20,200	47.5	229.1	17,900	155
160	9.4	165.6	23,600	26.8	200.3	21,400	36.7	215.6	19,200	44.4	224.1	17,000	160
161	5.8	157.4	23,400	25.7	198.0	21,200	35.9	214.2	19,000	43.7	223.0	16,800	161
165				21.3	188.8	20,400	32.8	208.3	18,200	41.1	218.6	16,100	165
170				13.7	172.4	19,400	28.4	199.6	17,400	37.6	212.4	15,300	170
173				5.2	153.2	18,800	25.3	193.2	16,800	35.3	208.1	14,800	173
175							23.2	189.0	16,500	33.8	205.3	14,500	175
180							16.5	174.7	15,700	29.5	197.0	13,800	180
185							1.0	139.9	14,800	24.5	186.9	13,100	185
190										18.4	173.8	12,400	190
195										8.4	151.8	11,700	195
196										3.8	141.5	11,600	196

MLC250 S-2

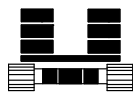
ASME B30.5



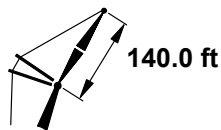
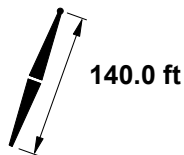
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
48	75.7	283.4	70,900 b							48
50	74.8	282.8	70,300							50
55	72.7	281.3	68,100							55
57	71.8	280.6	67,600	73.9	281.9	82,200				57
60	70.5	279.6	66,700	72.7	280.9	81,900				60
65	68.3	277.7	66,100	70.5	279.2	79,200				65
70	66.1	275.5	64,700	68.3	277.3	75,400				70
72	65.2	274.6	63,500	67.4	276.4	74,000	70.6	278.5	73,900	72
75	63.9	273.1	61,700	66.1	275.1	71,800	69.3	277.4	70,100	75
80	61.5	270.5	57,700	63.8	272.7	67,600	67.1	275.3	64,400	80
85	59.2	267.6	53,800	61.5	270.1	62,500	64.8	273.0	59,500	85
86	58.7	266.9	53,100	61.0	269.5	61,600	64.4	272.5	58,600	86
90	56.7	264.4	50,200	59.1	267.2	58,000	62.5	270.5	55,200	90
95	54.2	260.9	46,900	56.7	264.0	54,000	60.2	267.7	51,400	95
100	51.7	257.0	43,800	54.2	260.4	50,500	57.8	264.6	48,000	100
105	49.0	252.8	40,800	51.6	256.6	47,300	55.3	261.3	45,000	105
109	46.7	249.1	38,700	49.4	253.2	45,000	53.3	258.3	42,800	109
110	46.2	248.1	38,200	48.9	252.4	44,400	52.8	257.6	42,200	110
115	43.2	243.0	35,800	46.1	247.7	41,900	50.2	253.5	39,800	115
120	40.1	237.3	33,600	43.2	242.5	39,500	47.4	249.1	37,500	120
125	36.8	230.9	31,700	40.1	236.8	37,400	44.5	244.1	35,500	125
130	33.2	223.6	30,000	36.7	230.4	35,400	41.5	238.7	33,600	130
131	32.4	221.9	29,700	36.0	228.9	35,000	40.9	237.5	33,200	131
135	29.2	215.1	28,500	33.1	223.1	33,600	38.3	232.6	31,800	135
140	24.6	205.1	27,300	29.1	214.6	31,800	34.8	225.7	30,200	140
145	18.9	192.2	26,500	24.4	204.4	30,300	31.0	217.8	28,700	145
150	10.6	172.4	26,300	18.7	191.5	28,800	26.7	208.5	27,300	150
152	3.1	154.3	24,000	15.3	183.4	28,200	24.6	203.9	26,800	152
155				10.3	171.4	27,400	21.5	197.0	26,000	155
157				1.4	149.8	24,100	18.8	190.7	25,500	157
160							14.8	181.3	24,700	160
164							4.3	156.0	23,700	164
165										165
170										170
171										171
175										175
180										180
183										183
185										185
190										190
195										195
200										200
205										205
206										206

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



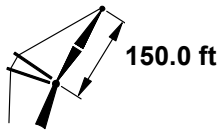
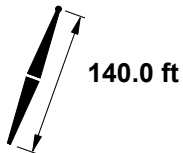
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
48													48
50													50
55													55
57													57
60													60
65													65
70													70
72													72
75													75
80													80
85													85
86	67.6	274.6	55,700										86
90	65.8	272.9	52,400										90
95	63.6	270.5	48,800										95
100	61.3	267.8	45,500										100
105	58.9	264.8	42,600										105
109	56.9	262.3	40,600	62.6	266.5	36,900							109
110	56.4	261.6	40,000	62.1	266.0	36,400							110
115	53.9	258.1	37,700	59.8	263.2	34,200							115
120	51.3	254.2	35,500	57.4	260.0	32,200							120
125	48.6	249.9	33,500	54.9	256.6	30,400							125
130	45.8	245.2	31,700	52.3	252.9	28,700							130
131	45.2	244.1	31,400	51.8	252.0	28,400	57.7	256.6	25,500				131
135	42.9	240.0	30,100	49.7	248.7	27,200	55.7	253.9	24,400				135
140	39.7	234.2	28,500	46.9	244.2	25,800	53.2	250.2	23,100				140
145	36.4	227.7	27,100	44.0	239.2	24,400	50.5	246.2	21,800				145
150	32.7	220.3	25,800	41.0	233.6	23,200	47.8	241.8	20,700				150
152	31.1	216.8	25,300	39.6	231.1	22,700	46.7	239.9	20,300	52.7	244.8	17,900	152
155	28.7	211.7	24,500	37.7	227.4	22,100	44.9	237.0	19,600	51.2	242.4	17,300	155
157	26.8	207.5	24,000	36.3	224.6	21,600	43.7	234.8	19,200	50.1	240.6	16,900	157
160	24.0	201.3	23,300	34.1	220.3	21,000	41.9	231.6	18,600	48.5	238.1	16,400	160
164	19.3	190.6	22,400	31.0	213.9	20,200	39.4	226.8	17,900	46.2	234.3	15,700	164
165	18.1	187.9	22,200	30.3	212.2	20,000	38.7	225.6	17,700	45.7	233.3	15,500	165
170	9.0	166.3	21,100	25.8	202.6	19,000	35.3	218.8	16,800	42.7	228.1	14,700	170
171	5.5	157.9	20,900	24.7	200.2	18,800	34.5	217.3	16,700	42.1	226.9	14,600	171
175				20.5	190.6	18,100	31.5	211.1	16,000	39.5	222.2	14,000	175
180				13.2	173.6	17,200	27.3	202.0	15,200	36.2	215.7	13,300	180
183				4.9	153.6	16,600	24.3	195.4	14,800	34.0	211.2	12,800	183
185							22.3	190.9	14,500	32.5	208.2	12,600	185
190							15.9	176.1	13,700	28.4	199.5	11,900	190
195							0.9	139.9	12,900	23.6	189.0	11,300	195
200										17.7	175.4	10,700	200
205										8.1	152.5	10,100	205
206										3.7	141.8	9,900	206

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



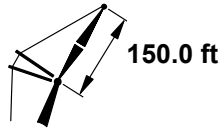
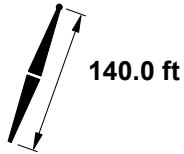
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
50	75.9	293.2	64,700 b						50	
55	73.9	291.8	62,900						55	
60	71.9	290.2	61,700	73.8	291.4	74,700			60	
65	69.9	288.4	61,200	71.8	289.8	74,300			65	
70	67.8	286.4	59,400	69.8	288.0	73,100			70	
75	65.7	284.2	58,200	67.8	286.0	69,800	70.7	288.0	69,900	75
80	63.6	281.8	55,700	65.7	283.8	66,200	68.7	286.1	64,200	80
85	61.4	279.1	52,200	63.5	281.4	62,300	66.6	284.0	59,300	85
89	59.7	276.8	49,600	61.8	279.3	58,700	64.9	282.2	55,900	89
90	59.2	276.2	48,900	61.4	278.7	57,800	64.5	281.7	55,000	90
95	57.0	273.1	45,800	59.2	275.8	53,800	62.4	279.2	51,200	95
100	54.6	269.6	43,000	56.9	272.6	50,300	60.2	276.4	47,800	100
105	52.2	265.8	40,200	54.6	269.2	47,100	57.9	273.3	44,800	105
110	49.8	261.7	37,600	52.2	265.4	44,300	55.7	270.0	42,100	110
113	48.2	259.0	36,200	50.7	262.9	42,700	54.2	267.8	40,600	113
115	47.2	257.2	35,300	49.7	261.3	41,700	53.3	266.3	39,600	115
120	44.5	252.3	33,200	47.1	256.8	39,400	50.9	262.4	37,400	120
125	41.7	246.8	31,200	44.5	251.8	37,200	48.3	258.0	35,300	125
130	38.7	240.8	29,500	41.6	246.4	35,300	45.7	253.3	33,400	130
135	35.5	234.1	27,900	38.6	240.3	33,300	42.9	248.1	31,700	135
136	34.8	232.5	27,600	38.0	239.0	32,900	42.3	246.9	31,400	136
140	32.0	226.5	26,500	35.4	233.6	31,400	40.0	242.3	30,100	140
145	28.2	217.7	25,300	31.9	225.9	29,800	36.9	235.9	28,600	145
150	23.7	207.1	24,400	28.1	217.1	28,300	33.6	228.7	27,200	150
155	18.2	193.8	23,700	23.6	206.5	27,100	29.9	220.5	25,900	155
158	13.4	181.5	23,600	20.3	198.4	26,500	27.4	214.7	25,100	158
160	10.2	173.3	23,600	18.1	193.0	26,100	25.7	210.8	24,700	160
162	3.0	154.5	21,400	14.8	184.7	25,600	23.7	206.0	24,200	162
165				9.9	172.2	24,800	20.8	198.9	23,500	165
167				1.3	149.9	21,500	18.2	192.3	23,100	167
170							14.3	182.5	22,400	170
174							4.1	156.4	21,500	174
175										175
180										180
181										181
185										185
190										190
193										193
195										195
200										200
205										205
210										210
215										215
216										216

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



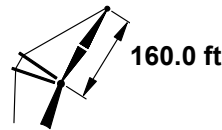
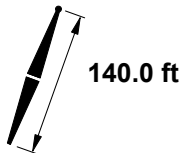
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
89	68.0	284.2	53,000										89
90	67.6	283.8	52,200										90
95	65.5	281.6	48,600										95
100	63.3	279.1	45,400										100
105	61.2	276.4	42,500										105
110	59.0	273.5	39,900										110
113	57.6	271.6	38,400	62.9	275.7	34,900							113
115	56.7	270.3	37,500	62.0	274.7	34,000							115
120	54.4	266.8	35,300	59.8	271.8	32,000							120
125	52.0	263.0	33,400	57.5	268.7	30,200							125
130	49.5	258.8	31,600	55.2	265.3	28,600							130
135	46.9	254.3	29,900	52.9	261.6	27,000							135
136	46.3	253.3	29,600	52.4	260.8	26,700	57.8	265.2	23,900				136
140	44.2	249.3	28,400	50.4	257.6	25,600	56.0	262.6	22,900				140
145	41.3	243.8	27,000	47.9	253.2	24,300	53.6	259.0	21,700				145
150	38.3	237.7	25,600	45.2	248.4	23,000	51.2	255.1	20,500				150
155	35.1	230.9	24,400	42.4	243.1	21,900	48.7	250.8	19,500				155
158	33.0	226.2	23,700	40.7	239.6	21,300	47.1	248.0	18,900	52.8	252.8	16,500	158
160	31.6	223.1	23,200	39.5	237.2	20,800	46.1	246.1	18,500	51.8	251.2	16,200	160
162	30.0	219.5	22,800	38.2	234.6	20,400	45.0	244.0	18,100	50.8	249.5	15,900	162
165	27.7	214.1	22,100	36.3	230.7	19,800	43.3	241.0	17,600	49.3	247.0	15,300	165
167	25.8	209.8	21,700	35.0	227.7	19,400	42.2	238.7	17,200	48.3	245.2	15,000	167
170	23.1	203.3	21,100	32.9	223.3	18,900	40.4	235.3	16,700	46.7	242.4	14,600	170
174	18.6	192.2	20,300	29.9	216.5	18,200	38.0	230.2	16,000	44.5	238.4	14,000	174
175	17.5	189.5	20,100	29.2	214.8	18,000	37.4	229.0	15,900	44.0	237.4	13,800	175
180	8.7	167.1	19,100	24.9	204.8	17,100	34.1	221.9	15,100	41.2	231.9	13,100	180
181	5.3	158.3	18,900	23.9	202.3	17,000	33.3	220.3	14,900	40.5	230.6	13,000	181
185				19.8	192.4	16,300	30.4	213.8	14,400	38.1	225.7	12,400	185
190				12.7	174.7	15,500	26.3	204.4	13,700	34.9	218.8	11,800	190
193				4.8	154.0	15,000	23.5	197.4	13,200	32.8	214.1	11,400	193
195							21.5	192.8	13,000	31.3	211.0	11,200	195
200							15.3	177.4	12,300	27.4	201.9	10,600	200
205							0.8	139.9	11,600	22.8	191.0	10,000	205
210										17.0	176.8	9,500	210
215										7.8	153.1	8,800	215
216										3.5	142.1	8,700	216

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



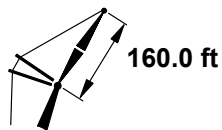
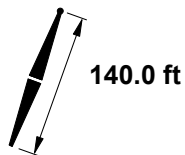
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
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55	74.9	302.2	58,500							55
60	73.1	300.7	57,000							60
63	71.9	299.7	56,700	73.8	300.9	67,800				63
65	71.2	299.0	56,500	73.0	300.3	67,700				65
70	69.3	297.2	55,500	71.1	298.7	67,400				70
75	67.3	295.2	54,000	69.2	296.8	65,900				75
78	66.2	293.8	53,500	68.1	295.6	64,100	70.9	297.6	65,900	78
80	65.4	292.9	53,100	67.3	294.8	63,000	70.1	296.9	63,700	80
85	63.4	290.5	50,400	65.3	292.5	59,900	68.2	294.9	58,800	85
90	61.3	287.8	47,500	63.3	290.1	56,800	66.2	292.8	54,500	90
93	60.1	286.1	45,700	62.1	288.5	54,800	65.0	291.3	52,300	93
95	59.3	284.9	44,600	61.3	287.4	53,400	64.2	290.4	50,700	95
100	57.2	281.7	41,900	59.2	284.5	49,900	62.2	287.8	47,400	100
105	55.0	278.3	39,500	57.1	281.3	46,700	60.2	285.0	44,300	105
110	52.8	274.6	37,100	54.9	277.9	43,900	58.1	282.0	41,600	110
115	50.5	270.6	34,800	52.7	274.2	41,300	55.9	278.7	39,100	115
118	49.0	268.0	33,500	51.3	271.8	39,900	54.6	276.5	37,800	118
120	48.1	266.2	32,600	50.4	270.1	39,000	53.7	275.1	36,900	120
125	45.6	261.4	30,800	48.0	265.8	36,800	51.5	271.2	34,900	125
130	43.0	256.2	29,000	45.5	261.0	34,900	49.1	267.0	33,000	130
135	40.3	250.5	27,400	43.0	255.8	33,000	46.7	262.4	31,200	135
140	37.4	244.2	26,000	40.2	250.0	31,100	44.2	257.4	29,600	140
141	36.8	242.8	25,700	39.7	248.8	30,800	43.6	256.3	29,300	141
145	34.3	237.2	24,700	37.3	243.7	29,400	41.5	251.9	28,100	145
150	31.0	229.2	23,600	34.2	236.7	27,900	38.7	245.9	26,800	150
155	27.2	220.1	22,700	30.9	228.7	26,500	35.7	239.2	25,500	155
160	22.9	209.2	21,800	27.1	219.5	25,300	32.5	231.6	24,300	160
164	18.7	198.1	21,400	23.7	210.7	24,500	29.6	224.8	23,400	164
165	17.6	195.3	21,300	22.8	208.5	24,300	28.9	223.1	23,100	165
170	9.8	174.1	21,200	17.5	194.5	23,400	24.9	213.0	22,000	170
172	2.9	154.7	18,800	14.3	185.9	22,800	23.0	208.0	21,600	172
175				9.6	173.0	21,900	20.1	200.6	21,000	175
177				1.3	149.9	18,900	17.6	193.9	20,600	177
180							13.8	183.7	20,000	180
184							4.0	156.7	19,200	184
190										190
191										191
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215										215
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226										226

MLC250 S-2

ASME B30.5



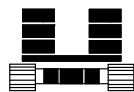
184,600 lb
+
44,000 lb



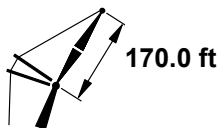
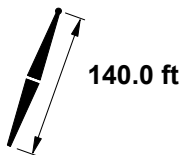
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
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55													55
60													60
63													63
65													65
70													70
75													75
78													78
80													80
85													85
90													90
93	67.9	293.4	49,500										93
95	67.1	292.5	48,100										95
100	65.1	290.3	44,800										100
105	63.1	287.8	42,000										105
110	61.1	285.1	39,400										110
115	59.0	282.2	37,000										115
118	57.7	280.3	35,700	62.7	284.4	32,200							118
120	56.9	279.0	34,900	61.9	283.3	31,500							120
125	54.7	275.5	32,900	59.8	280.5	29,700							125
130	52.5	271.8	31,100	57.7	277.4	28,000							130
135	50.2	267.7	29,400	55.5	274.0	26,500							135
140	47.8	263.3	27,900	53.3	270.4	25,100							140
141	47.3	262.3	27,600	52.9	269.6	24,800	58.0	273.9	22,000				141
145	45.3	258.5	26,500	51.1	266.4	23,700	56.2	271.3	21,100				145
150	42.7	253.2	25,200	48.7	262.2	22,500	54.0	267.7	19,900				150
155	40.0	247.4	23,900	46.2	257.5	21,400	51.8	263.9	18,900				155
160	37.1	241.0	22,800	43.7	252.4	20,300	49.5	259.7	17,900				160
164	34.6	235.3	21,900	41.5	247.9	19,500	47.5	256.1	17,200	52.8	260.8	14,900	164
165	33.9	233.9	21,700	41.0	246.8	19,300	47.0	255.2	17,000	52.3	260.0	14,700	165
170	30.5	225.8	20,700	38.2	240.7	18,400	44.5	250.2	16,100	50.0	255.9	14,000	170
172	29.0	222.1	20,300	37.0	238.0	18,000	43.5	248.1	15,800	49.1	254.1	13,700	172
175	26.7	216.5	19,700	35.1	233.9	17,500	41.9	244.8	15,300	47.6	251.4	13,200	175
177	25.0	212.0	19,300	33.8	230.8	17,200	40.8	242.4	15,000	46.6	249.5	12,900	177
180	22.4	205.3	18,800	31.9	226.2	16,700	39.1	238.9	14,600	45.1	246.6	12,500	180
184	16.8	190.3	18,100	28.7	218.5	16,000	36.6	233.3	14,000	43.0	242.2	12,000	184
190	8.4	167.8	17,000	24.1	207.0	15,100	32.9	224.9	13,200	39.8	235.5	11,200	190
191	5.1	158.7	16,900	22.9	203.8	15,000	32.2	223.0	13,000	39.2	234.1	11,100	191
200				12.3	175.7	13,700	25.5	206.6	11,900	33.7	221.9	9,900	200
203				4.6	154.3	13,200	22.3	198.2	11,500	31.5	216.6	9,600	203
210							14.8	178.7	10,700	26.5	204.3	8,800	210
215							0.8	139.8	10,000	22.0	193.0	8,200	215
220										16.5	178.3	7,700	220
226										3.4	142.3	6,900	226

MLC250 S-2

ASME B30.5



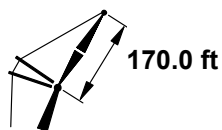
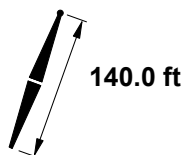
184,600 lb
+
44,000 lb



	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
55	75.8	312.5	53,700						55	
60	74.1	311.2	52,900						60	
65	72.3	309.6	52,100	74.0	310.8	59,000			65	
70	70.5	307.9	50,800	72.3	309.2	59,000			70	
75	68.7	306.0	50,400	70.5	307.5	59,000			75	
80	66.9	303.9	49,600	68.7	305.6	59,000			80	
81	66.5	303.4	49,300	68.3	305.2	58,600	71.0	307.1	59,000	81
85	65.1	301.6	48,300	66.9	303.5	57,400	69.5	305.7	58,400	85
90	63.2	299.1	46,200	65.0	301.2	54,800	67.7	303.7	54,200	90
95	61.3	296.5	43,700	63.1	298.7	52,100	65.9	301.5	50,400	95
97	60.5	295.3	42,700	62.4	297.7	51,100	65.1	300.5	49,000	97
100	59.3	293.6	41,200	61.2	296.1	49,500	64.0	299.1	47,000	100
105	57.3	290.4	38,900	59.3	293.2	46,400	62.1	296.5	44,000	105
110	55.3	287.0	36,600	57.3	290.0	43,500	60.2	293.7	41,200	110
115	53.2	283.4	34,500	55.2	286.6	41,000	58.2	290.7	38,800	115
120	51.1	279.4	32,600	53.2	282.9	38,600	56.2	287.4	36,500	120
122	50.2	277.7	31,900	52.3	281.4	37,800	55.3	286.0	35,700	122
125	48.8	275.2	30,700	51.0	279.0	36,500	54.1	283.8	34,500	125
130	46.5	270.5	28,900	48.8	274.7	34,500	52.0	280.0	32,600	130
135	44.2	265.5	27,400	46.5	270.1	32,700	49.8	275.9	30,900	135
140	41.7	260.1	25,900	44.1	265.1	31,000	47.5	271.4	29,300	140
145	39.0	254.1	24,600	41.6	259.6	29,500	45.2	266.6	27,800	145
147	37.9	251.4	24,100	40.5	257.2	28,900	44.2	264.5	27,300	147
150	36.3	247.5	23,400	39.0	253.6	27,900	42.8	261.3	26,400	150
155	33.3	240.2	22,300	36.2	247.0	26,500	40.2	255.6	25,100	155
160	30.0	231.9	21,300	33.2	239.6	25,200	37.5	249.3	23,900	160
165	26.4	222.4	20,500	29.9	231.4	24,000	34.6	242.3	22,800	165
170	22.2	211.1	19,900	26.3	221.8	23,000	31.5	234.5	21,700	170
175	17.1	196.8	19,500	22.1	210.5	22,100	28.0	225.5	20,700	175
180	9.5	174.9	19,000	17.0	196.0	21,100	24.1	215.1	19,800	180
182	2.8	154.9	16,600	13.9	187.1	20,400	22.2	210.0	19,400	182
185				9.3	173.8	19,400	19.5	202.3	18,900	185
187				1.2	150.0	16,600	17.0	195.3	18,500	187
190							13.4	184.9	18,000	190
194							3.8	157.0	17,300	194
195										195
200										200
201										201
210										210
213										213
220										220
225										225
230										230
236										236

MLC250 S-2

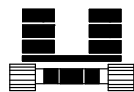
ASME B30.5



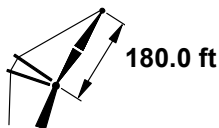
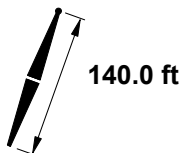
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
55													55
60													60
65													65
70													70
75													75
80													80
81													81
85													85
90													90
95													95
97	67.8	302.6	46,300										97
100	66.7	301.3	44,400										100
105	64.8	299.0	41,600										105
110	63.0	296.5	39,000										110
115	61.0	293.8	36,600										115
120	59.1	290.8	34,500										120
122	58.3	289.6	33,700	62.9	293.6	30,300							122
125	57.1	287.7	32,500	61.8	292.0	29,200							125
130	55.0	284.3	30,700	59.8	289.1	27,600							130
135	52.9	280.6	29,100	57.8	286.1	26,100							135
140	50.8	276.6	27,500	55.8	282.7	24,700							140
145	48.6	272.3	26,100	53.7	279.1	23,400							145
147	47.6	270.4	25,600	52.9	277.6	22,900	57.7	281.9	20,200				147
150	46.3	267.6	24,800	51.6	275.3	22,100	56.5	280.0	19,500				150
155	43.9	262.5	23,600	49.4	271.1	21,000	54.4	276.5	18,500				155
160	41.4	257.0	22,400	47.1	266.6	19,900	52.3	272.7	17,500				160
165	38.7	251.0	21,400	44.8	261.6	19,000	50.1	268.6	16,600				165
170	35.9	244.3	20,300	42.3	256.3	18,000	47.9	264.2	15,700	52.8	268.8	13,500	170
175	32.9	236.9	19,400	39.7	250.5	17,100	45.5	259.4	14,900	50.7	264.8	12,800	175
180	29.6	228.5	18,500	37.0	244.0	16,300	43.1	254.2	14,200	48.4	260.4	12,000	180
182	28.1	224.6	18,100	35.8	241.2	16,000	42.1	251.9	13,900	47.5	258.5	11,700	182
185	25.9	218.8	17,600	34.0	236.9	15,500	40.6	248.5	13,500	46.1	255.7	11,300	185
187	24.2	214.2	17,300	32.8	233.7	15,200	39.5	246.0	13,200	45.1	253.7	11,000	187
190	21.7	207.2	16,800	30.9	228.9	14,800	37.9	242.3	12,800	43.7	250.6	10,600	190
194	17.4	195.3	16,200	28.1	221.6	14,200	35.6	236.8	12,300	41.7	246.2	10,100	194
195	16.4	192.3	16,000	27.4	219.8	14,100	35.0	235.4	12,100	41.2	245.1	10,000	195
200	8.1	168.4	15,200	23.4	209.0	13,400	31.9	227.7	11,500	38.5	239.0	9,400	200
201	5.0	159.1	15,100	22.2	205.8	13,300	31.2	225.8	11,400	37.9	237.6	9,200	201
210				11.9	176.7	12,100	24.7	208.8	10,400	32.7	224.8	8,200	210
213				4.4	154.7	11,700	21.6	200.1	10,000	30.6	219.3	7,900	213
220							14.4	179.9	9,300	25.7	206.6	7,100	220
225							0.7	139.8	8,600	21.4	194.8	6,600	225
230										16.0	179.7	6,100	230
236										3.3	142.6	5,500	236

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



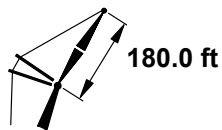
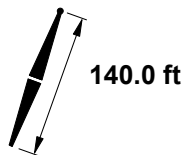
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
57	76.0	322.3	49,100							57
60	75.0	321.5	48,700							60
65	73.3	320.1	48,000							65
68	72.3	319.1	47,600	74.0	320.3	55,900				68
70	71.7	318.5	47,300	73.3	319.7	55,800				70
75	70.0	316.7	46,600	71.6	318.1	55,500				75
80	68.3	314.7	45,900	69.9	316.3	55,200				80
85	66.5	312.6	45,200	68.2	314.4	54,400	70.7	316.3	53,900	85
90	64.8	310.3	44,400	66.5	312.2	52,200	69.0	314.5	53,700	90
95	63.0	307.8	42,200	64.7	309.9	49,900	67.3	312.4	49,900	95
100	61.2	305.1	39,900	63.0	307.4	47,600	65.5	310.2	46,500	100
101	60.8	304.5	39,500	62.6	306.9	47,100	65.2	309.7	45,900	101
105	59.4	302.2	37,800	61.2	304.7	45,300	63.8	307.8	43,500	105
110	57.5	299.1	35,700	59.3	301.8	43,100	62.0	305.2	40,800	110
115	55.6	295.7	33,800	57.4	298.7	40,500	60.2	302.4	38,300	115
120	53.6	292.1	31,900	55.5	295.3	38,200	58.3	299.3	36,100	120
125	51.6	288.2	30,200	53.6	291.7	36,100	56.4	296.1	34,000	125
127	50.8	286.6	29,600	52.7	290.1	35,300	55.6	294.7	33,300	127
130	49.5	284.1	28,600	51.5	287.8	34,100	54.5	292.6	32,200	130
135	47.4	279.6	27,000	49.5	283.6	32,300	52.5	288.8	30,400	135
140	45.2	274.7	25,600	47.3	279.1	30,600	50.4	284.8	28,800	140
145	42.8	269.5	24,200	45.1	274.3	29,100	48.3	280.4	27,400	145
150	40.4	263.8	23,000	42.8	269.0	27,600	46.1	275.7	26,000	150
152	39.4	261.3	22,600	41.8	266.7	27,100	45.2	273.7	25,500	152
155	37.9	257.5	21,900	40.4	263.3	26,300	43.9	270.6	24,700	155
160	35.2	250.7	20,900	37.8	257.0	24,900	41.5	265.1	23,500	160
165	32.3	243.1	20,000	35.1	250.2	23,800	39.0	259.1	22,400	165
170	29.1	234.5	19,200	32.2	242.5	22,600	36.4	252.6	21,300	170
175	25.6	224.7	18,600	29.1	234.0	21,700	33.6	245.3	20,300	175
176	24.8	222.3	18,500	28.3	232.0	21,500	33.0	243.7	20,100	176
180	21.6	213.0	18,000	25.5	224.1	20,700	30.5	237.2	19,400	180
185	16.6	198.2	17,600	21.5	212.4	19,800	27.2	228.0	18,500	185
190	9.3	175.7	16,500	16.5	197.5	18,900	23.4	217.2	17,600	190
192	2.7	155.1	14,300	13.5	188.3	18,100	21.6	211.9	17,300	192
195				9.0	174.5	17,000	18.9	204.0	16,800	195
197				1.2	150.0	14,400	16.5	196.8	16,500	197
200							13.0	186.0	16,000	200
204							3.7	157.3	15,400	204
210										210
211										211
220										220
223										223
230										230
235										235

MLC250 S-2

ASME B30.5



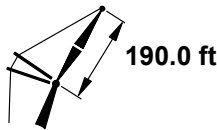
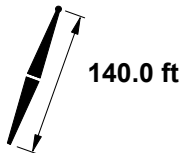
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
57													57
60													60
65													65
68													68
70													70
75													75
80													80
85													85
90													90
95													95
100													100
101	67.7	311.7	43,300										101
105	66.3	310.0	41,000										105
110	64.6	307.7	38,400										110
115	62.8	305.1	36,100										115
120	61.0	302.4	34,000										120
125	59.1	299.5	32,000										125
127	58.4	298.2	31,300	62.7	302.3	28,000							127
130	57.3	296.4	30,200	61.7	300.6	27,000							130
135	55.3	293.0	28,600	59.8	297.8	25,500							135
140	53.4	289.3	27,100	58.0	294.7	24,100							140
145	51.3	285.4	25,600	56.1	291.4	22,800							145
150	49.3	281.2	24,300	54.1	287.9	21,600							150
152	48.4	279.4	23,800	53.3	286.4	21,200	57.8	290.6	18,500				152
155	47.1	276.7	23,100	52.1	284.1	20,500	56.7	288.6	17,900				155
160	44.9	271.7	22,000	50.0	280.0	19,400	54.7	285.2	16,900				160
165	42.6	266.4	20,900	47.9	275.6	18,400	52.7	281.5	16,000				165
170	40.1	260.7	19,900	45.7	270.8	17,500	50.7	277.5	15,200				170
175	37.6	254.4	18,900	43.4	265.7	16,600	48.6	273.1	14,400				175
176	37.0	253.0	18,800	43.0	264.5	16,500	48.2	272.2	14,200	52.8	276.8	11,800	176
180	34.8	247.4	18,000	41.1	260.1	15,800	46.4	268.5	13,600	51.2	273.6	11,200	180
185	31.9	239.7	17,200	38.5	254.0	15,000	44.2	263.5	12,900	49.1	269.4	10,500	185
190	28.7	231.0	16,400	35.9	247.3	14,300	41.8	258.0	12,200	47.0	264.8	9,800	190
192	27.3	227.0	16,100	34.8	244.3	14,000	40.8	255.7	12,000	46.1	262.8	9,500	192
195	25.2	221.0	15,600	33.0	239.9	13,600	39.4	252.1	11,600	44.7	259.9	9,200	195
197	23.5	216.2	15,300	31.8	236.6	13,300	38.3	249.5	11,400	43.8	257.7	8,900	197
200	21.0	209.1	14,900	30.0	231.6	12,900	36.8	245.6	11,000	42.4	254.5	8,600	200
204	15.8	193.1	14,300	27.0	223.4	12,400	34.4	239.6	10,500	40.4	249.7	8,100	204
210	7.9	169.1	13,500	22.7	211.0	11,700	31.0	230.5	9,800	37.4	242.4	7,400	210
211	4.8	159.5	13,300	21.6	207.7	11,600	30.3	228.5	9,700	36.8	240.9	7,300	211
220				11.6	177.7	10,500	24.0	210.9	8,600	31.7	227.7	6,400	220
223				4.3	155.0	10,100	21.0	202.0	8,300	29.7	222.0	6,100	223
230							14.0	181.1	7,500	24.9	208.8	5,400	230
235							0.7	139.8	6,900				235

MLC250 S-2

ASME B30.5



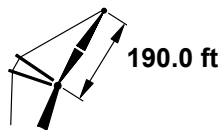
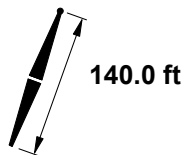
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
60	75.8	331.9	44,800							60
65	74.2	330.5	44,300							65
70	72.7	329.0	43,700							70
71	72.3	328.7	43,600	73.9	329.9	50,800				71
75	71.1	327.3	43,100	72.6	328.6	50,600				75
80	69.5	325.5	42,500	71.0	326.9	50,300				80
85	67.8	323.5	41,800	69.4	325.1	50,100				85
88	66.9	322.2	41,500	68.4	323.9	49,700	70.8	325.9	48,800	88
90	66.2	321.3	41,200	67.8	323.1	49,400	70.2	325.2	48,800	90
95	64.5	319.0	40,400	66.2	320.9	47,600	68.5	323.2	48,800	95
100	62.8	316.5	38,600	64.5	318.6	45,600	66.9	321.1	46,300	100
104	61.5	314.3	37,000	63.1	316.6	44,000	65.6	319.3	43,900	104
105	61.1	313.8	36,600	62.8	316.1	43,600	65.3	318.9	43,300	105
110	59.4	310.9	34,800	61.1	313.4	41,700	63.6	316.4	40,600	110
115	57.6	307.8	33,000	59.3	310.5	39,700	61.9	313.8	38,100	115
120	55.8	304.4	31,200	57.6	307.4	37,700	60.1	311.0	35,900	120
125	54.0	300.9	29,600	55.8	304.0	35,800	58.4	308.0	33,800	125
130	52.1	297.1	28,100	53.9	300.4	33,900	56.6	304.8	31,900	130
131	51.7	296.2	27,800	53.5	299.7	33,500	56.2	304.1	31,600	131
135	50.1	293.0	26,700	52.0	296.6	32,100	54.8	301.3	30,200	135
140	48.1	288.6	25,300	50.1	292.5	30,400	52.9	297.6	28,600	140
145	46.0	283.8	24,000	48.0	288.1	28,900	51.0	293.6	27,200	145
150	43.9	278.8	22,700	46.0	283.4	27,400	49.0	289.3	25,800	150
155	41.6	273.3	21,600	43.8	278.3	26,100	46.9	284.8	24,500	155
157	40.7	270.9	21,200	42.9	276.1	25,600	46.1	282.8	24,000	157
160	39.3	267.3	20,600	41.6	272.8	24,900	44.8	279.9	23,300	160
165	36.8	260.9	19,700	39.2	266.9	23,600	42.6	274.6	22,200	165
170	34.2	253.8	18,800	36.8	260.4	22,500	40.3	268.8	21,100	170
175	31.4	245.9	18,100	34.1	253.2	21,400	37.9	262.6	20,100	175
180	28.3	237.0	17,400	31.3	245.3	20,500	35.4	255.8	19,200	180
182	27.0	233.0	17,200	30.1	241.8	20,200	34.3	252.7	18,800	182
185	24.9	226.9	16,900	28.2	236.5	19,600	32.6	248.2	18,300	185
190	21.0	214.8	16,400	24.8	226.3	18,800	29.7	239.8	17,500	190
200	9.0	176.5	14,600	16.0	198.8	17,100	22.8	219.2	15,900	200
202	2.6	155.3	12,500	11.8	184.9	15,800	20.7	212.8	15,600	202
207				1.1	150.1	12,600	15.6	196.7	14,900	207
210							12.6	187.1	14,500	210
214							3.6	157.5	13,900	214
220										220
221										221
230										230
233										233
240										240
245										245

MLC250 S-2

ASME B30.5



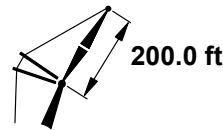
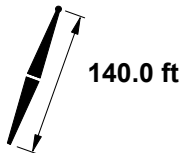
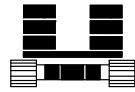
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
60													60
65													65
70													70
71													71
75													75
80													80
85													85
88													88
90													90
95													95
100													100
104	68.0	321.3	41,400										104
105	67.6	320.9	40,800										105
110	66.0	318.7	38,200										110
115	64.3	316.4	35,900										115
120	62.6	313.8	33,700										120
125	60.9	311.1	31,800										125
130	59.2	308.2	30,000										130
131	58.8	307.5	29,700	62.9	311.4	26,500							131
135	57.4	305.0	28,400	61.6	309.3	25,300							135
140	55.6	301.7	26,800	59.8	306.5	23,900							140
145	53.7	298.1	25,400	58.1	303.4	22,600							145
150	51.8	294.2	24,100	56.3	300.1	21,400							150
155	49.9	290.1	22,900	54.4	296.6	20,300							155
157	49.1	288.3	22,400	53.7	295.1	19,800	57.9	299.3	17,300				157
160	47.9	285.7	21,800	52.5	292.9	19,200	56.8	297.3	16,700				160
165	45.8	280.9	20,700	50.6	288.8	18,200	55.0	293.9	15,800				165
170	43.6	275.8	19,700	48.6	284.5	17,300	53.1	290.2	15,000				170
175	41.4	270.2	18,700	46.6	279.9	16,400	51.2	286.3	14,200				175
180	39.0	264.2	17,800	44.4	274.9	15,600	49.3	282.1	13,400				180
182	38.0	261.6	17,500	43.5	272.8	15,300	48.4	280.3	13,100	52.8	284.8	10,500	182
185	36.5	257.7	17,000	42.2	269.5	14,800	47.2	277.5	12,700	51.7	282.4	10,100	185
190	33.9	250.5	16,200	39.9	263.7	14,100	45.1	272.7	12,000	49.7	278.3	9,500	190
200	27.9	233.5	14,700	34.9	250.4	12,700	40.7	261.8	10,700	45.6	269.0	8,200	200
202	26.4	229.0	14,500	33.7	247.2	12,500	39.7	259.2	10,500	44.7	266.9	8,000	202
207	22.7	217.7	13,800	30.9	239.1	11,900	37.2	252.7	9,800	42.5	261.5	7,400	207
210	20.5	210.9	13,400	29.1	234.2	11,500	35.7	248.9	9,500	41.2	258.3	7,100	210
214	15.3	194.4	12,900	26.3	225.7	11,100	33.5	242.6	9,000	39.3	253.3	6,700	214
220	7.7	169.7	12,100	22.1	213.0	10,400	30.1	233.2	8,300	36.4	245.7	6,100	220
221	4.7	159.9	11,900	21.0	209.5	10,300	29.4	231.2	8,200	35.8	244.2	6,000	221
230				11.3	178.7	9,300	23.3	213.0	7,300	30.8	230.4	5,100	230
233				4.2	155.3	9,000	20.4	203.8	7,000				233
240							13.6	182.3	6,300				240
245							0.6	139.7	5,700				245

MLC250 S-2

ASME B30.5



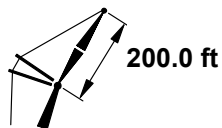
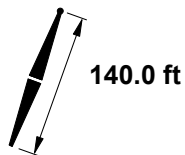
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
62	75.9	341.7	40,800							62
65	75.0	340.9	40,700							65
70	73.6	339.5	40,300							70
74	72.4	338.2	39,900	73.8	339.4	46,200				74
75	72.1	337.9	39,800	73.5	339.1	46,100				75
80	70.5	336.2	39,200	72.0	337.5	45,800				80
85	69.0	334.3	38,700	70.5	335.8	45,600				85
90	67.5	332.2	38,100	69.0	333.9	45,300				90
91	67.1	331.8	38,000	68.7	333.5	45,200	70.9	335.4	44,200	91
95	65.9	330.1	37,600	67.4	331.9	45,000	69.7	334.0	44,100	95
100	64.3	327.7	37,000	65.9	329.7	43,400	68.1	332.0	44,000	100
105	62.7	325.2	35,300	64.3	327.3	41,700	66.6	329.9	42,800	105
108	61.7	323.5	34,300	63.3	325.8	40,700	65.6	328.5	41,200	108
110	61.1	322.4	33,700	62.7	324.8	40,000	65.0	327.6	40,100	110
115	59.4	319.5	32,000	61.0	322.0	38,300	63.4	325.1	37,600	115
120	57.7	316.4	30,400	59.4	319.1	36,500	61.8	322.5	35,400	120
125	56.0	313.1	28,900	57.7	316.0	34,800	60.1	319.7	33,400	125
130	54.3	309.6	27,400	56.0	312.7	33,200	58.5	316.7	31,500	130
135	52.5	305.8	26,100	54.2	309.2	31,600	56.8	313.4	29,800	135
136	52.1	305.0	25,800	53.9	308.4	31,300	56.4	312.8	29,500	136
140	50.6	301.8	24,800	52.4	305.4	30,000	55.0	310.0	28,200	140
145	48.7	297.5	23,600	50.6	301.4	28,500	53.3	306.3	26,700	145
150	46.8	292.9	22,500	48.7	297.1	27,000	51.4	302.4	25,300	150
155	44.8	288.0	21,400	46.8	292.5	25,700	49.6	298.3	24,100	155
160	42.7	282.7	20,300	44.7	287.5	24,500	47.6	293.8	22,900	160
162	41.8	280.4	19,900	43.9	285.4	24,000	46.8	291.9	22,400	162
165	40.5	277.0	19,400	42.6	282.2	23,300	45.7	289.0	21,700	165
170	38.3	270.8	18,500	40.5	276.5	22,200	43.6	283.9	20,700	170
175	35.9	264.1	17,700	38.2	270.3	21,200	41.5	278.4	19,700	175
180	33.3	256.8	17,000	35.8	263.6	20,200	39.3	272.4	18,800	180
185	30.6	248.6	16,400	33.2	256.2	19,300	36.9	265.9	17,900	185
188	28.8	243.1	16,100	31.6	251.3	18,700	35.4	261.7	17,400	188
190	27.6	239.5	15,900	30.5	248.1	18,400	34.4	258.9	17,100	190
200	20.4	216.6	15,000	24.2	228.4	16,800	28.9	242.4	15,500	200
210	8.8	177.2	12,500	15.6	200.2	15,300	22.2	221.1	14,100	210
212	2.5	155.5	10,600	11.4	185.9	14,000	20.2	214.5	13,900	212
217				1.1	150.1	10,700	15.2	198.0	13,200	217
220							12.3	188.1	12,800	220
224							3.5	157.8	12,100	224
230										230
231										231
240										240
243										243
245										245

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



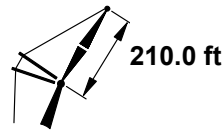
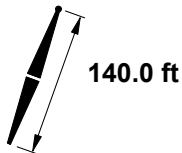
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
62													62
65													65
70													70
74													74
75													75
80													80
85													85
90													90
91													91
95													95
100													100
105													105
108	67.9	330.5	38,700										108
110	67.3	329.6	37,700										110
115	65.7	327.4	35,400										115
120	64.1	325.0	33,200										120
125	62.5	322.5	31,300										125
130	60.9	319.8	29,500										130
135	59.2	316.8	27,900										135
136	58.9	316.2	27,600	62.8	320.1	24,500							136
140	57.5	313.7	26,400	61.5	318.0	23,300							140
145	55.8	310.4	24,900	59.8	315.1	22,100							145
150	54.1	306.8	23,600	58.2	312.1	20,900							150
155	52.3	303.0	22,400	56.5	308.8	19,700							155
160	50.4	299.0	21,300	54.7	305.3	18,700							160
162	49.6	297.2	20,900	54.0	303.9	18,300	58.0	307.9	15,800				162
165	48.5	294.6	20,200	52.9	301.6	17,700	57.0	306.0	15,200				165
170	46.6	290.0	19,200	51.1	297.7	16,800	55.3	302.6	14,400				170
175	44.5	285.0	18,300	49.2	293.5	15,900	53.5	299.0	13,600				175
180	42.4	279.7	17,400	47.3	288.9	15,100	51.7	295.1	12,800				180
185	40.3	273.9	16,600	45.3	284.1	14,300	49.8	291.0	12,000				185
188	38.9	270.2	16,100	44.1	281.0	13,900	48.7	288.3	11,600	52.9	292.8	8,900	188
190	38.0	267.7	15,800	43.2	278.9	13,600	47.9	286.5	11,300	52.1	291.2	8,600	190
200	33.0	253.5	14,300	38.8	267.3	12,300	43.9	276.7	10,000	48.4	282.8	7,400	200
210	27.2	235.9	13,000	34.0	253.5	11,000	39.6	265.4	8,700	44.4	273.1	6,300	210
212	25.7	231.3	12,700	32.9	250.1	10,800	38.6	262.7	8,500	43.5	270.9	6,100	212
217	22.1	219.6	12,100	30.1	241.8	10,300	36.2	256.0	7,900	41.4	265.3	5,600	217
220	19.9	212.6	11,700	28.4	236.7	9,900	34.8	252.0	7,600	40.1	262.0	5,300	220
224	14.9	195.7	11,300	25.6	228.0	9,500	32.6	245.5	7,200				224
230	7.5	170.4	10,600	21.5	214.8	8,800	29.3	235.8	6,600				230
231				20.4	211.3	8,700	28.7	233.7	6,500				231
240				11.0	179.6	7,700	22.7	215.0	5,600				240
243				4.1	155.7	7,400	20.2	206.8	5,300				243
245							18.6	201.4	5,200				245

MLC250 S-2

ASME B30.5



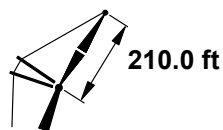
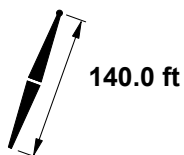
184,600 lb
+
44,000 lb



	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
65	75.8	351.3	37,200							65
70	74.4	349.9	36,900							70
75	72.9	348.4	36,700							75
76	72.6	348.1	36,600	74.0	349.2	42,000				76
80	71.5	346.8	36,200	72.9	348.0	41,800				80
85	70.1	345.0	35,800	71.5	346.4	41,600				85
90	68.6	343.1	35,300	70.0	344.6	41,300				90
94	67.4	341.4	34,900	68.8	343.1	41,100	71.0	345.0	40,100	94
95	67.1	341.0	34,800	68.6	342.7	41,000	70.7	344.6	40,100	95
100	65.6	338.8	34,400	67.1	340.6	40,700	69.2	342.8	39,900	100
105	64.1	336.4	33,900	65.6	338.4	39,800	67.8	340.7	39,800	105
110	62.6	333.8	32,400	64.1	336.0	38,300	66.3	338.6	39,600	110
112	62.0	332.7	31,900	63.5	335.0	37,700	65.7	337.7	38,700	112
115	61.0	331.1	31,000	62.5	333.4	36,700	64.8	336.3	37,300	115
120	59.5	328.2	29,500	61.0	330.7	35,300	63.2	333.8	35,000	120
125	57.8	325.1	28,100	59.4	327.8	33,800	61.7	331.2	33,000	125
130	56.2	321.8	26,800	57.8	324.7	32,300	60.1	328.3	31,100	130
135	54.6	318.3	25,500	56.2	321.4	30,900	58.5	325.3	29,400	135
140	52.8	314.6	24,300	54.5	317.9	29,400	56.9	322.1	27,800	140
145	51.1	310.7	23,200	52.8	314.2	28,100	55.3	318.7	26,300	145
150	49.3	306.4	22,100	51.1	310.2	26,700	53.6	315.1	25,000	150
155	47.5	301.9	21,100	49.3	306.0	25,400	51.9	311.2	23,700	155
160	45.6	297.1	20,200	47.4	301.5	24,100	50.1	307.1	22,500	160
165	43.6	292.0	19,100	45.6	296.7	22,900	48.3	302.8	21,400	165
168	42.4	288.7	18,600	44.4	293.6	22,300	47.2	300.0	20,800	168
170	41.6	286.5	18,300	43.6	291.5	21,800	46.4	298.1	20,300	170
175	39.5	280.6	17,500	41.6	286.0	20,800	44.5	293.1	19,400	175
180	37.3	274.2	16,800	39.5	280.1	19,800	42.5	287.8	18,400	180
185	35.0	267.3	16,100	37.2	273.7	18,900	40.4	282.1	17,600	185
190	32.5	259.7	15,400	34.9	266.8	18,100	38.3	275.9	16,700	190
195	29.8	251.3	14,900	32.4	259.1	17,200	36.0	269.2	15,900	195
200	26.9	241.9	14,500	29.7	250.7	16,400	33.6	261.9	15,200	200
205	23.7	231.1	14,100	26.8	241.3	15,700	31.0	253.9	14,500	205
210	19.9	218.4	13,800	23.6	230.5	15,000	28.2	244.9	13,800	210
215	15.3	202.3	12,900	19.8	217.7	14,300	25.1	234.8	13,100	215
220	8.5	177.9	10,700	15.2	201.5	13,300	21.6	223.0	12,500	220
222	2.4	155.6	8,900	11.1	186.8	12,100	19.7	216.3	12,300	222
227				1.0	150.1	9,000	14.9	199.3	11,700	227
230							12.0	189.1	11,300	230
234							3.4	158.1	10,300	234
240										240
241										241
250										250
253										253

MLC250 S-2

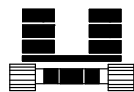
ASME B30.5



	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
65										65
70										70
75										75
76										76
80										80
85										85
90										90
94										94
95										95
100										100
105										105
110										110
112	67.8	339.6	36,300							112
115	66.9	338.4	35,000							115
120	65.4	336.1	32,800							120
125	63.9	333.7	30,900							125
130	62.4	331.2	29,100							130
135	60.8	328.4	27,500							135
140	59.3	325.5	26,000	63.0	329.3	22,900				140
145	57.7	322.4	24,600	61.4	326.6	21,600				145
150	56.0	319.1	23,300	59.9	323.8	20,400				150
155	54.3	315.5	22,000	58.3	320.7	19,300				155
160	52.6	311.8	20,900	56.6	317.5	18,300				160
165	50.9	307.8	19,800	55.0	314.1	17,300				165
168	49.8	305.3	19,200	54.0	311.9	16,800	57.8	316.0	14,200	168
170	49.1	303.6	18,800	53.3	310.4	16,400	57.2	314.7	13,900	170
175	47.3	299.0	17,900	51.6	306.5	15,500	55.5	311.3	13,000	175
180	45.4	294.2	17,000	49.8	302.3	14,700	53.8	307.7	12,200	180
185	43.4	289.0	16,200	48.0	297.9	13,900	52.1	303.9	11,400	185
190	41.4	283.5	15,400	46.1	293.2	13,200	50.4	299.8	10,700	190
195	39.2	277.5	14,700	44.1	288.2	12,500	48.5	295.5	10,000	195
200	37.0	271.0	13,900	42.1	282.8	11,900	46.7	290.9	9,400	200
205	34.7	264.0	13,300	40.1	277.0	11,300	44.8	285.9	8,700	205
210	32.2	256.3	12,600	37.9	270.7	10,700	42.8	280.7	8,100	210
215	29.5	247.8	12,000	35.6	263.9	10,000	40.7	275.0	7,600	215
220	26.5	238.3	11,400	33.1	256.5	9,400	38.6	268.9	7,000	220
222	25.1	233.5	11,200	32.0	253.0	9,200	37.6	266.1	6,800	222
227	21.6	221.5	10,600	29.3	244.4	8,700	35.3	259.2	6,300	227
230	19.4	214.3	10,300	27.7	239.2	8,300	33.9	255.1	6,000	230
234	14.6	197.0	9,900	25.0	230.2	7,900	31.8	248.4	5,700	234
240	7.3	171.0	9,200	20.9	216.7	7,300	28.6	238.4	5,100	240
241	4.4	160.6	9,100	19.9	213.1	7,200				241
250				10.7	180.5	6,300				250
253				3.9	156.0	5,900				253

MLC250 S-2

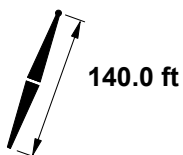
ASME B30.5



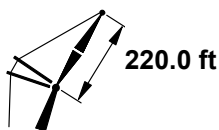
184,600 lb
+
44,000 lb



360°



140.0 ft



220.0 ft

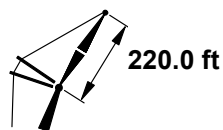
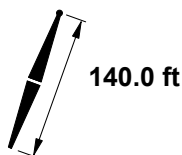
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
67	75.9	361.1	34,000							67
70	75.1	360.3	33,800							70
75	73.7	358.9	33,500							75
79	72.6	357.6	33,200	74.0	358.8	38,200				79
80	72.4	357.3	33,200	73.7	358.5	38,100				80
85	71.0	355.6	33,000	72.3	356.9	37,900				85
90	69.6	353.8	32,600	71.0	355.2	37,600				90
95	68.2	351.8	32,100	69.6	353.4	37,300				95
97	67.6	351.0	32,000	69.0	352.6	37,200	71.0	354.5	36,300	97
100	66.8	349.7	31,700	68.2	351.4	37,000	70.2	353.4	36,200	100
105	65.4	347.5	31,200	66.8	349.3	36,700	68.8	351.5	36,000	105
110	63.9	345.1	31,000	65.3	347.1	36,300	67.4	349.5	35,900	110
115	62.5	342.5	29,800	63.9	344.7	35,100	66.0	347.3	35,700	115
120	61.0	339.8	28,500	62.4	342.1	33,800	64.6	345.0	34,600	120
125	59.5	336.9	27,300	60.9	339.4	32,500	63.1	342.5	32,500	125
130	57.9	333.8	26,100	59.4	336.5	31,200	61.6	339.8	30,700	130
135	56.4	330.5	24,900	57.9	333.4	29,900	60.1	337.0	28,900	135
140	54.8	327.1	23,800	56.4	330.1	28,700	58.6	334.0	27,400	140
145	53.2	323.4	22,700	54.8	326.6	27,400	57.1	330.8	25,900	145
150	51.5	319.5	21,600	53.1	322.9	26,200	55.5	327.4	24,500	150
155	49.8	315.3	20,600	51.5	319.0	24,900	53.9	323.8	23,200	155
160	48.1	310.9	19,800	49.8	314.9	23,700	52.3	320.0	22,100	160
165	46.3	306.2	18,900	48.1	310.5	22,500	50.6	316.0	20,900	165
170	44.5	301.3	18,100	46.3	305.8	21,400	48.9	311.7	19,900	170
173	43.3	298.1	17,600	45.2	302.8	20,800	47.8	309.0	19,300	173
175	42.6	295.9	17,200	44.4	300.8	20,400	47.1	307.1	18,900	175
180	40.6	290.2	16,500	42.5	295.5	19,400	45.3	302.3	18,000	180
185	38.6	284.1	15,800	40.6	289.7	18,500	43.4	297.1	17,100	185
190	36.4	277.5	15,200	38.5	283.6	17,600	41.5	291.6	16,300	190
195	34.1	270.3	14,600	36.3	277.0	16,800	39.5	285.7	15,500	195
200	31.7	262.5	14,100	34.1	269.8	16,000	37.3	279.3	14,800	200
205	29.1	253.9	13,600	31.6	262.0	15,300	35.1	272.4	14,100	205
210	26.3	244.2	13,200	29.0	253.3	14,600	32.8	264.8	13,400	210
215	23.1	233.2	12,900	26.2	243.6	13,900	30.2	256.6	12,700	215
220	19.5	220.1	12,000	23.0	232.5	13,300	27.5	247.4	12,100	220
225	15.0	203.6	11,000	19.4	219.4	12,200	24.5	237.0	11,500	225
230	8.3	178.6	8,900	14.8	202.8	11,200	21.1	224.9	11,000	230
232	2.4	155.8	7,300	10.9	187.8	10,100	19.2	217.9	10,700	232
237				1.0	150.2	7,400	14.5	200.6	10,200	237
240							11.7	190.1	9,900	240
244							3.3	158.3	8,600	244
250										250
251										251
255										255

MLC250 S-2

ASME B30.5



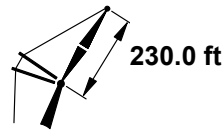
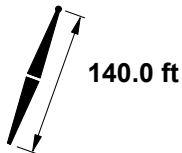
184,600 lb
+
44,000 lb



	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
67										67
70										70
75										75
79										79
80										80
85										85
90										90
95										95
97										97
100										100
105										105
110										110
115	68.0	349.2	34,500							115
120	66.6	347.1	32,300							120
125	65.2	344.8	30,400							125
130	63.8	342.4	28,600							130
135	62.3	339.8	27,000							135
140	60.8	337.1	25,500							140
145	59.3	334.2	24,100	62.8	338.0	21,100				145
150	57.8	331.0	22,800	61.4	335.3	19,900				150
155	56.2	327.8	21,600	59.9	332.4	18,800				155
160	54.6	324.3	20,400	58.3	329.4	17,800				160
165	53.0	320.6	19,400	56.8	326.2	16,800				165
170	51.3	316.6	18,400	55.2	322.8	15,900				170
173	50.3	314.1	17,800	54.2	320.6	15,400	57.9	324.7	12,500	173
175	49.6	312.5	17,400	53.6	319.1	15,000	57.3	323.4	12,200	175
180	47.9	308.0	16,600	52.0	315.3	14,200	55.7	320.0	11,400	180
185	46.1	303.3	15,700	50.3	311.2	13,400	54.1	316.5	10,600	185
190	44.3	298.3	14,900	48.6	306.9	12,700	52.5	312.7	9,900	190
195	42.3	292.9	14,200	46.8	302.3	12,000	50.8	308.7	9,200	195
200	40.4	287.2	13,500	45.0	297.4	11,300	49.1	304.4	8,600	200
205	38.3	281.0	12,800	43.1	292.1	10,600	47.4	299.9	8,000	205
210	36.1	274.3	12,200	41.1	286.5	10,000	45.5	295.1	7,400	210
215	33.8	267.1	11,600	39.1	280.5	9,300	43.7	290.0	6,800	215
220	31.4	259.2	11,000	37.0	274.0	8,800	41.8	284.5	6,300	220
225	28.8	250.4	10,400	34.7	267.0	8,200	39.7	278.6	5,800	225
230	25.9	240.6	9,900	32.3	259.4	7,600	37.6	272.3	5,300	230
232	24.5	235.7	9,700	31.3	255.8	7,400				232
237	21.0	223.3	9,200	28.6	246.9	6,900				237
240	19.0	216.0	8,900	27.0	241.6	6,600				240
244	14.2	198.2	8,400	24.4	232.3	6,200				244
250	7.1	171.6	7,800	20.5	218.5	5,600				250
251	4.3	160.9	7,700	19.6	215.4	5,600				251
255				16.2	203.1	5,200				255

MLC250 S-2

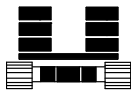
ASME B30.5



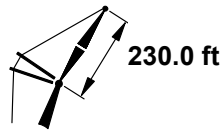
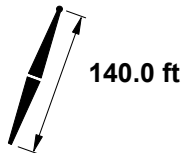
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
69	76.0	370.9	31,400							69
70	75.8	370.6	31,400							70
75	74.5	369.3	31,200							75
80	73.2	367.8	30,800							80
82	72.6	367.1	30,700	73.9	368.3	35,600				82
85	71.9	366.2	30,400	73.1	367.4	35,400				85
90	70.5	364.4	30,000	71.8	365.8	35,200				90
95	69.2	362.6	29,600	70.5	364.1	34,900				95
100	67.9	360.6	29,200	69.2	362.2	34,700				100
101	67.6	360.2	29,100	68.9	361.8	34,600	70.8	363.7	34,100	101
105	66.5	358.4	28,800	67.8	360.2	34,400	69.8	362.2	34,000	105
110	65.1	356.2	28,400	66.5	358.1	34,100	68.4	360.3	33,800	110
115	63.8	353.7	28,100	65.1	355.8	33,000	67.1	358.2	33,700	115
119	62.6	351.7	27,300	64.0	353.8	32,100	66.0	356.5	33,600	119
120	62.4	351.2	27,100	63.7	353.3	31,900	65.7	356.0	33,500	120
125	60.9	348.4	25,900	62.3	350.8	30,800	64.4	353.7	32,200	125
130	59.5	345.5	24,900	60.9	348.0	29,600	63.0	351.1	30,300	130
135	58.0	342.5	23,800	59.5	345.1	28,500	61.6	348.5	28,600	135
140	56.6	339.2	22,700	58.0	342.0	27,300	60.1	345.7	27,000	140
145	55.0	335.8	21,800	56.5	338.8	26,200	58.7	342.7	25,600	145
149	53.8	332.8	21,000	55.3	336.0	25,400	57.5	340.1	24,500	149
150	53.5	332.1	20,800	55.0	335.3	25,200	57.2	339.5	24,200	150
155	51.9	328.3	19,900	53.5	331.7	24,100	55.7	336.1	22,900	155
160	50.3	324.2	19,000	51.9	327.8	23,100	54.2	332.6	21,700	160
165	48.7	319.9	18,200	50.3	323.8	22,100	52.6	328.8	20,600	165
170	47.0	315.3	17,500	48.6	319.4	21,100	51.0	324.8	19,600	170
175	45.2	310.4	16,700	46.9	314.8	20,100	49.4	320.6	18,600	175
178	44.2	307.3	16,300	45.9	311.9	19,500	48.4	317.9	18,100	178
180	43.5	305.3	16,000	45.2	310.0	19,100	47.7	316.2	17,700	180
185	41.6	299.7	15,400	43.4	304.8	18,200	46.0	311.4	16,800	185
190	39.7	293.9	14,800	41.6	299.3	17,400	44.2	306.4	16,000	190
195	37.7	287.5	14,200	39.6	293.4	16,500	42.4	301.0	15,200	195
200	35.6	280.7	13,700	37.6	287.0	15,800	40.5	295.3	14,500	200
210	31.0	265.3	12,800	33.3	272.8	14,300	36.5	282.6	13,100	210
220	25.7	246.5	12,000	28.4	255.8	13,000	32.0	267.7	11,900	220
225	22.6	235.1	11,700	25.6	245.9	12,400	29.6	259.2	11,300	225
230	19.0	221.8	10,800	22.5	234.5	11,800	26.9	249.8	10,700	230
240	8.1	179.3	7,300	14.5	204.1	9,600	20.6	226.7	9,700	240
242	2.3	156.0	5,800	10.6	188.7	8,600	18.8	219.6	9,500	242
247				1.0	150.2	5,900	14.2	201.8	8,900	247
250							11.4	191.1	8,600	250
254							3.2	158.6	7,100	254
260										260
261										261

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
69										69
70										70
75										75
80										80
82										82
85										85
90										90
95										95
100										100
101										101
105										105
110										110
115										115
119	68.0	358.4	32,400							119
120	67.7	358.0	32,000							120
125	66.3	355.8	30,100							125
130	65.0	353.5	28,300							130
135	63.6	351.1	26,700							135
140	62.2	348.5	25,200							140
145	60.8	345.7	23,800							145
149	59.6	343.4	22,700	63.0	347.2	19,800				149
150	59.3	342.8	22,500	62.7	346.6	19,600				150
155	57.9	339.7	21,200	61.3	344.0	18,500				155
160	56.4	336.4	20,100	59.9	341.1	17,400				160
165	54.9	333.0	19,100	58.4	338.1	16,500				165
170	53.3	329.3	18,100	56.9	334.9	15,600				170
175	51.7	325.4	17,100	55.4	331.5	14,700				175
178	50.8	323.0	16,600	54.5	329.3	14,200	58.0	333.3	11,200	178
180	50.1	321.3	16,300	53.9	327.9	13,900	57.4	332.0	10,900	180
185	48.5	317.0	15,400	52.3	324.1	13,100	55.9	328.7	10,200	185
190	46.8	312.4	14,600	50.7	320.1	12,300	54.4	325.2	9,400	190
195	45.0	307.5	13,900	49.1	315.8	11,500	52.8	321.5	8,800	195
200	43.2	302.3	13,200	47.4	311.3	10,800	51.2	317.5	8,100	200
210	39.4	290.8	11,900	43.9	301.4	9,500	48.0	308.9	6,900	210
220	35.3	277.5	10,700	40.2	290.2	8,300	44.5	299.2	5,900	220
225	33.1	270.0	10,100	38.2	284.0	7,700	42.7	293.9	5,300	225
230	30.7	261.9	9,600	36.1	277.3	7,200				230
240	25.3	242.8	8,500	31.6	262.2	6,200				240
242	24.0	237.8	8,300	30.6	258.6	6,000				242
247	20.6	225.1	7,800	28.0	249.4	5,500				247
250	18.5	217.6	7,400	26.4	243.9	5,300				250
254	13.9	199.4	7,000							254
260	6.9	172.2	6,400							260
261	4.2	161.3	6,300							261

MLC250 S-2

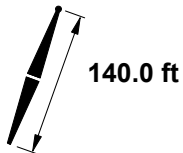
ASME B30.5



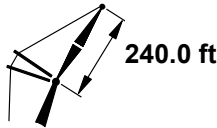
184,600 lb
+
44,000 lb



360°



140.0 ft

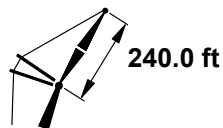
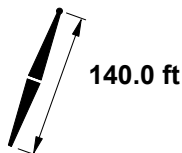


240.0 ft

	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
73	75.9	380.5	28,100							73
75	75.4	380.0	27,900							75
80	74.2	378.6	27,700							80
85	72.9	377.1	27,400							85
86	72.7	376.7	27,400	73.9	377.9	29,500				86
90	71.7	375.4	27,200	72.9	376.7	29,500				90
95	70.4	373.7	27,000	71.6	375.1	29,500				95
100	69.1	371.8	26,600	70.4	373.3	29,500				100
105	67.9	369.8	26,300	69.1	371.4	29,500	71.0	373.3	29,500	105
110	66.6	367.7	25,900	67.8	369.4	29,500	69.7	371.5	29,500	110
115	65.2	365.4	25,600	66.5	367.3	29,500	68.4	369.5	29,500	115
120	63.9	363.0	25,300	65.2	365.0	29,500	67.1	367.5	29,500	120
124	62.8	361.0	25,000	64.1	363.1	29,500	66.1	365.7	29,500	124
125	62.6	360.5	25,000	63.9	362.6	29,500	65.8	365.3	29,500	125
130	61.2	357.7	24,300	62.5	360.1	28,500	64.5	362.9	29,400	130
135	59.8	354.9	23,400	61.2	357.3	27,600	63.2	360.4	28,300	135
140	58.4	351.9	22,400	59.8	354.5	26,600	61.8	357.8	26,700	140
145	57.0	348.7	21,500	58.4	351.4	25,600	60.4	355.0	25,200	145
150	55.6	345.3	20,700	57.0	348.2	24,700	59.1	352.0	23,900	150
155	54.1	341.7	19,800	55.6	344.9	23,700	57.6	348.9	22,600	155
160	52.6	338.0	18,900	54.1	341.3	22,800	56.2	345.6	21,400	160
165	51.1	334.0	18,100	52.6	337.5	21,900	54.8	342.1	20,300	165
170	49.6	329.8	17,300	51.1	333.6	20,800	53.3	338.5	19,300	170
175	48.0	325.4	16,600	49.5	329.4	19,800	51.8	334.6	18,300	175
180	46.3	320.7	16,000	47.9	324.9	18,800	50.2	330.5	17,400	180
185	44.6	315.7	15,300	46.3	320.2	17,900	48.7	326.2	16,500	185
190	42.9	310.4	14,700	44.6	315.3	17,000	47.0	321.6	15,700	190
195	41.1	304.8	14,100	42.9	310.0	16,200	45.4	316.7	14,900	195
200	39.2	298.8	13,600	41.1	304.3	15,400	43.7	311.6	14,100	200
205	37.3	292.4	13,100	39.2	298.4	14,700	41.9	306.1	13,400	205
210	35.3	285.5	12,600	37.3	291.9	14,000	40.1	300.3	12,800	210
215	33.1	278.1	12,200	35.2	285.0	13,300	38.2	294.1	12,100	215
220	30.9	270.0	11,800	33.1	277.6	12,700	36.2	287.4	11,500	220
225	28.4	261.1	11,400	30.8	269.5	12,100	34.1	280.2	10,900	225
230	25.8	251.2	10,800	28.4	260.5	11,500	31.9	272.4	10,400	230
235	22.8	240.0	10,100	25.7	250.6	10,900	29.5	263.9	9,800	235
240	19.5	226.8	9,300	22.8	239.3	10,400	26.9	254.5	9,300	240
245	15.4	210.6	8,000	19.4	226.1	9,700	24.1	243.8	8,800	245
250	9.8	187.7	6,300	15.3	209.8	8,300	21.0	231.6	8,300	250
255				9.7	186.6	6,600	17.3	217.0	7,800	255
260							12.6	197.8	7,200	260
265							3.9	161.8	5,800	265

MLC250 S-2

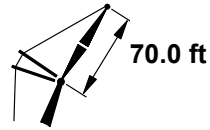
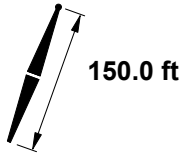
ASME B30.5



	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
73										73
75										75
80										80
85										85
86										86
90										90
95										95
100										100
105										105
110										110
115										115
120										120
124	68.0	367.6	29,500							124
125	67.7	367.2	29,500							125
130	66.4	365.1	27,900							130
135	65.1	362.8	26,300							135
140	63.8	360.3	24,800							140
145	62.4	357.8	23,400							145
150	61.1	355.1	22,100							150
155	59.7	352.2	20,900	62.9	355.9	18,000				155
160	58.3	349.1	19,700	61.6	353.3	17,000				160
165	56.9	345.9	18,700	60.2	350.4	16,000				165
170	55.4	342.5	17,700	58.8	347.5	15,100				170
175	53.9	338.9	16,800	57.4	344.3	14,200				175
180	52.5	335.1	15,900	56.0	341.0	13,300				180
185	50.9	331.2	15,100	54.5	337.5	12,500	57.8	341.5	9,500	185
190	49.4	326.9	14,300	53.0	333.8	11,700	56.4	338.2	8,800	190
195	47.8	322.5	13,500	51.5	329.8	10,900	55.0	334.7	8,100	195
200	46.1	317.7	12,800	50.0	325.7	10,200	53.5	331.1	7,500	200
205	44.4	312.7	12,200	48.4	321.3	9,500	52.0	327.3	6,900	205
210	42.7	307.4	11,500	46.7	316.7	8,900	50.4	323.2	6,300	210
215	40.9	301.8	10,900	45.1	311.8	8,300	48.9	318.9	5,700	215
220	39.0	295.7	10,300	43.3	306.6	7,700	47.3	314.4	5,200	220
225	37.1	289.3	9,700	41.6	301.1	7,100				225
230	35.0	282.3	9,100	39.7	295.2	6,600				230
235	32.9	274.8	8,500	37.8	288.9	6,100				235
240	30.6	266.6	8,000	35.8	282.2	5,600				240
245	28.1	257.6	7,400	33.7	274.9	5,100				245
250	25.4	247.6	6,900							250
255	22.5	236.1	6,400							255
260	19.0	222.7	6,000							260
265	14.9	206.0	5,500							265

MLC250 S-2

ASME B30.5



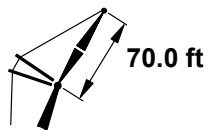
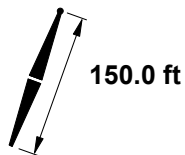
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
32	74.9	225.3	129,500 d						32	
34	73.2	224.6	127,400 d						34	
36	71.4	224.0	125,400 d						36	
38	69.7	223.2	123,300 d						38	
39	68.8	222.8	123,100 d	73.4	224.4	133,300 d			39	
40	67.9	222.4	122,900 c	72.5	224.0	131,300 d			40	
45	63.4	220.0	114,400 b	68.1	222.1	122,300 c			45	
50	58.7	217.1	106,800 b	63.6	219.8	114,100 b	70.6	222.4	122,000 d	
55	53.7	213.6	100,000	58.9	216.9	106,600 b	66.2	220.3	107,700 b	
60	48.3	209.4	94,100	53.9	213.5	99,900	61.6	217.7	96,200 b	
61	47.1	208.4	92,500	52.8	212.6	98,100	60.6	217.1	94,300 b	
65	42.5	204.3	86,200	48.6	209.3	90,700	56.7	214.6	86,800	
70	35.8	197.9	79,200	42.7	204.2	82,500	51.6	210.9	78,900	
75	27.8	189.5	73,800	36.1	197.9	75,500	46.1	206.3	72,200	
79	18.7	179.1	71,000	29.8	191.3	70,700	41.2	201.9	67,700	
80	16.4	176.5	70,300	28.2	189.6	69,500	40.0	200.8	66,500	
82	7.9	166.3	59,300	23.8	184.6	67,300	37.1	197.9	64,500	
85				17.1	177.0	64,200	32.9	193.7	61,500	
87				9.3	167.7	62,100	29.3	189.8	59,700	
90							24.0	184.1	57,100	
95							8.1	165.4	53,000	
97									97	
100									100	
103									103	
105									105	
110									110	
114									114	
115									115	
116									116	
120									120	
125									125	
128									128	
130									130	
135									135	
140									140	

MLC250 S-2

ASME B30.5



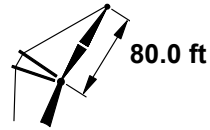
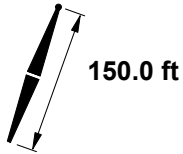
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
32													32
34													34
36													36
38													38
39													39
40													40
45													45
50													50
55													55
60													60
61	67.7	219.8	89,900 c										61
65	64.1	217.9	82,900 b										65
70	59.4	215.1	75,400 b										70
75	54.5	211.7	69,000										75
79	50.2	208.5	64,600	62.9	214.2	59,500 b							79
80	49.2	207.6	63,500	62.0	213.7	58,500 b							80
82	46.9	205.7	61,600	60.1	212.5	56,700 b							82
85	43.4	202.7	58,700	57.2	210.6	54,100							85
87	40.8	200.2	57,100	55.2	209.2	52,600							87
90	36.9	196.5	54,600	52.1	206.9	50,200							90
95	29.2	188.5	50,800	46.6	202.5	46,800							95
97	25.0	183.8	49,500	44.2	200.3	45,600	57.6	206.8	41,700 b				97
100	18.7	176.7	47,400	40.6	197.0	43,800	54.6	204.7	40,000				100
103	6.1	161.7	45,500	36.4	192.9	42,100	51.5	202.3	38,500				103
105				33.6	190.2	41,000	49.4	200.6	37,500				105
110				25.0	180.9	38,500	43.6	195.7	35,200				110
114				13.6	167.6	36,600	38.4	190.8	33,500	52.6	198.0	30,400	114
115				10.8	164.3	36,100	37.1	189.6	33,100	51.5	197.2	30,000	115
116				1.9	153.6	35,500	35.6	188.0	32,700	50.4	196.3	29,700	116
120							29.5	181.7	31,200	46.0	192.6	28,300	120
125							19.1	170.0	29,400	39.9	187.0	26,700	125
128							7.4	156.1	28,300	35.6	182.8	25,800	128
130										32.8	180.0	25,200	130
135										23.8	170.2	23,800	135
140										7.5	151.1	22,400	140

MLC250 S-2

ASME B30.5



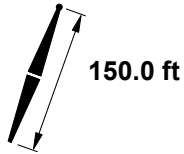
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
34	75.3	235.1	116,400 d						34	
36	73.8	234.5	114,800 d						36	
38	72.3	233.8	113,000 d						38	
40	70.8	233.1	111,300 c						40	
41	70.0	232.7	110,500 c	74.0	234.2	124,400 d			41	
45	67.0	231.1	107,200 b	71.0	232.9	118,000 c			45	
50	63.0	228.7	103,500 b	67.1	230.9	110,400 b			50	
53	60.5	226.9	99,600 b	64.7	229.4	106,200 b	70.8	231.9	112,500 c	
55	58.8	225.8	97,100	63.1	228.5	103,400 b	69.3	231.2	107,200 b	
60	54.5	222.4	90,800	59.0	225.6	97,100	65.4	229.0	95,700 b	
65	49.9	218.4	82,800	54.7	222.2	90,300	61.4	226.4	86,300	
70	45.0	213.6	75,700	50.1	218.2	82,100	57.1	223.3	78,500	
75	39.5	208.0	69,700	45.2	213.5	75,200	52.7	219.7	71,800	
80	33.4	200.9	64,600	39.8	207.9	69,200	48.0	215.4	66,100	
84	27.4	193.6	61,500	34.9	202.3	65,100	43.9	211.3	62,200	
85	25.9	191.8	60,800	33.7	200.9	64,000	42.9	210.3	61,200	
90	15.3	177.8	58,000	26.3	192.0	59,500	37.2	204.2	56,800	
92	7.3	166.9	52,700	22.1	186.5	57,800	34.6	201.1	55,300	
95				15.9	178.3	55,400	30.6	196.5	53,000	
97				8.6	168.4	53,800	27.3	192.3	51,600	
100							22.3	186.0	49,500	
102							16.4	178.0	48,200	
105							7.5	165.9	46,200	
110									110	
113									113	
115									115	
120									120	
125									125	
126									126	
130									130	
135									135	
138									138	
140									140	
145									145	
150									150	

MLC250 S-2

ASME B30.5



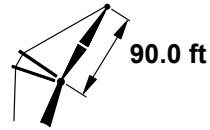
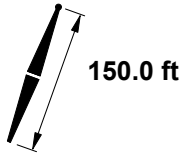
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
34													34
36													36
38													38
40													40
41													41
45													45
50													50
53													53
55													55
60													60
65	67.6	229.0	82,300 b										65
70	63.6	226.6	74,800 b										70
75	59.5	223.8	68,500										75
80	55.2	220.5	63,000										80
84	51.5	217.3	59,200	62.6	222.9	54,300							84
85	50.6	216.5	58,300	61.8	222.4	53,500							85
90	45.8	211.9	54,100	57.6	219.3	49,700							90
92	43.6	209.7	52,700	55.8	217.9	48,300							92
95	40.4	206.4	50,500	53.2	215.7	46,300							95
97	38.0	203.7	49,100	51.3	214.1	45,100							97
100	34.4	199.7	47,200	48.5	211.5	43,300							100
102	31.5	196.2	46,000	46.4	209.5	42,200	57.9	215.5	38,300				102
105	27.2	191.0	44,200	43.4	206.5	40,500	55.3	213.4	36,900				105
110	17.4	178.2	41,500	37.8	200.5	38,100	50.8	209.5	34,600				110
113	5.7	162.1	39,800	33.9	196.0	36,700	47.9	206.8	33,400				113
115				31.3	193.0	35,800	45.9	204.9	32,600				115
120				23.3	182.9	33,800	40.6	199.5	30,700	52.6	206.0	27,700	120
125				10.0	165.1	31,800	34.6	192.7	29,000	47.9	201.7	26,100	125
126				1.7	153.5	31,300	33.2	191.0	28,700	46.9	200.7	25,800	126
130							27.5	184.1	27,400	42.8	196.6	24,600	130
135							17.8	171.5	25,900	37.1	190.4	23,300	135
138							6.9	156.6	24,900	33.2	185.8	22,500	138
140										30.5	182.7	22,000	140
145										22.2	172.2	20,800	145
150										7.0	151.6	19,600	150

MLC250 S-2

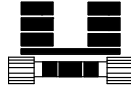
ASME B30.5



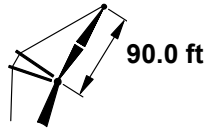
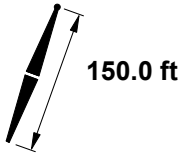
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
36	75.7	244.9	105,300 d							36
38	74.4	244.3	104,000 d							38
40	73.0	243.7	102,600 c							40
44	70.3	242.3	99,800 c	73.8	243.7	115,300 d				44
45	69.6	241.9	99,100 b	73.2	243.4	113,900 c				45
50	66.2	239.8	95,700 b	69.8	241.7	107,000 b				50
55	62.6	237.4	93,900	66.4	239.6	100,500 b				55
56	61.9	236.8	92,800	65.6	239.1	99,400 b	71.0	241.5	104,300 b	56
60	59.0	234.5	88,200	62.8	237.1	94,600	68.3	239.9	95,400 b	60
65	55.1	231.1	80,800	59.1	234.2	89,200	64.8	237.7	86,000	65
69	51.9	228.0	75,200	56.1	231.6	83,400	61.9	235.6	79,700	69
70	51.1	227.3	73,800	55.3	230.9	81,900	61.2	235.0	78,200	70
75	46.8	222.8	67,700	51.3	227.1	75,000	57.5	232.0	71,600	75
80	42.2	217.5	62,400	47.0	222.6	69,100	53.6	228.4	65,900	80
85	37.2	211.3	57,800	42.4	217.4	63,900	49.5	224.3	60,900	85
88	33.7	206.8	55,500	39.4	213.7	61,200	46.8	221.5	58,300	88
90	31.4	203.8	54,000	37.4	211.3	59,400	45.1	219.6	56,600	90
95	24.4	194.0	51,200	31.7	203.8	55,300	40.3	214.0	52,800	95
100	14.3	179.1	49,800	24.7	194.1	51,700	35.0	207.3	49,400	100
102	6.8	167.4	46,800	20.8	188.3	50,400	32.5	204.0	48,100	102
105				14.9	179.6	48,500	28.8	199.0	46,300	105
107				8.1	169.0	47,200	25.7	194.5	45,200	107
108							24.1	192.3	44,600	108
110							21.0	187.8	43,500	110
115							7.0	166.5	40,800	115
120										120
123										123
125										125
126										126
130										130
135										135
136										136
140										140
145										145
148										148
150										150
155										155
160										160

MLC250 S-2

ASME B30.5



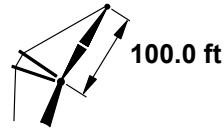
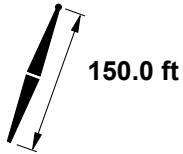
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
36													36
38													38
40													40
44													44
45													45
50													50
55													55
56													56
60													60
65													65
69	67.4	238.1	75,900 b										69
70	66.7	237.7	74,500 b										70
75	63.2	235.3	68,100										75
80	59.5	232.4	62,700										80
85	55.7	229.2	58,000										85
88	53.3	226.9	55,500	63.0	232.1	50,800							88
90	51.8	225.4	53,900	61.6	231.0	49,300							90
95	47.5	221.0	50,200	57.8	228.0	45,900							95
100	43.0	215.9	46,900	54.0	224.5	42,900							100
102	41.0	213.5	45,800	52.3	222.9	41,800							102
105	38.0	209.9	44,000	49.9	220.5	40,200							105
107	35.7	207.0	43,000	48.1	218.6	39,200							107
108	34.6	205.5	42,400	47.2	217.7	38,800	57.4	223.5	35,100				108
110	32.3	202.6	41,400	45.5	215.8	37,800	55.9	222.1	34,200				110
115	25.6	193.2	38,900	40.8	210.3	35,600	51.9	218.4	32,200				115
120	16.3	179.6	36,700	35.5	203.7	33,600	47.7	214.0	30,400				120
123	5.3	162.5	35,300	31.9	198.9	32,400	44.9	211.0	29,300				123
125				29.5	195.6	31,700	43.1	208.9	28,700				125
126				27.9	193.5	31,300	42.1	207.7	28,400	52.7	214.0	25,400	126
130				21.9	184.8	30,000	38.1	202.9	27,100	49.4	210.7	24,300	130
135				9.4	165.9	28,300	32.5	195.7	25,700	45.0	205.9	23,000	135
136				1.5	153.5	27,900	31.2	193.8	25,400	44.0	204.8	22,700	136
140							25.8	186.4	24,300	40.2	200.3	21,700	140
145							16.7	173.0	23,000	34.9	193.6	20,600	145
148							6.4	157.1	22,200	31.2	188.6	19,900	148
150										28.7	185.3	19,500	150
155										20.9	174.0	18,500	155
160										6.5	152.1	17,400	160

MLC250 S-2

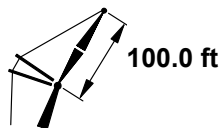
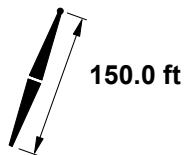
ASME B30.5



	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
38	76.0	254.7	95,400 d							38
40	74.8	254.2	94,300 c							40
45	71.8	252.6	91,400 b							45
47	70.5	251.8	90,700 b	73.7	253.3	106,900 b				47
50	68.7	250.7	89,700	71.9	252.3	103,200 b				50
55	65.6	248.5	87,000	68.9	250.5	97,300				55
60	62.4	246.0	84,400	65.7	248.3	91,800	70.6	250.7	94,800 b	60
65	59.1	243.1	77,900	62.5	245.8	86,700	67.5	248.7	85,500	65
70	55.6	239.8	71,700	59.2	242.9	81,500	64.3	246.4	77,700	70
72	54.2	238.3	69,300	57.8	241.6	78,800	63.0	245.3	75,000	72
75	52.1	236.1	65,800	55.8	239.6	74,600	61.1	243.7	71,100	75
80	48.3	231.8	60,600	52.2	235.9	68,700	57.7	240.7	65,400	80
85	44.3	226.9	56,100	48.5	231.6	63,500	54.2	237.2	60,500	85
90	39.9	221.2	52,000	44.5	226.8	59,000	50.6	233.2	56,200	90
93	37.1	217.2	49,900	41.9	223.4	56,600	48.3	230.5	53,900	93
95	35.1	214.5	48,500	40.1	221.1	55,000	46.7	228.7	52,400	95
100	29.7	206.4	45,600	35.4	214.5	51,500	42.6	223.5	49,000	100
105	23.1	196.0	43,500	30.0	206.5	48,300	38.1	217.5	45,900	105
110	13.6	180.2	42,400	23.4	196.2	45,400	33.1	210.3	43,200	110
112	6.4	167.9	41,300	19.7	190.0	44,300	30.8	206.8	42,200	112
113				17.8	187.0	43,700	29.6	205.0	41,700	113
115				14.1	180.8	42,700	27.3	201.4	40,600	115
117				7.6	169.6	41,600	24.3	196.7	39,700	117
120							19.9	189.6	38,300	120
125							6.6	167.0	36,100	125
130										130
132										132
133										133
135										135
140										140
145										145
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155										155
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MLC250 S-2

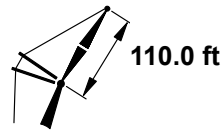
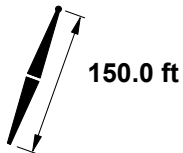
ASME B30.5



	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
38													38
40													40
45													45
47													47
50													50
55													55
60													60
65													65
70													70
72	68.0	247.7	71,200										72
75	66.1	246.4	67,600										75
80	62.9	243.9	62,200										80
85	59.6	241.1	57,500										85
90	56.2	237.9	53,300										90
93	54.0	235.7	51,200	62.7	240.8	46,600							93
95	52.6	234.2	49,700	61.4	239.7	45,300							95
100	48.9	230.0	46,500	58.1	236.7	42,300							100
105	44.9	225.2	43,600	54.6	233.2	39,600							105
110	40.6	219.7	40,900	51.0	229.3	37,200							110
112	38.7	217.0	40,000	49.4	227.6	36,400							112
113	37.8	215.7	39,500	48.6	226.7	35,900	57.7	232.2	32,400				113
115	35.9	213.1	38,600	47.1	224.9	35,000	56.3	230.8	31,600				115
117	33.8	210.0	37,700	45.5	222.8	34,200	54.9	229.4	30,800				117
120	30.6	205.3	36,400	43.0	219.8	33,000	52.7	227.2	29,800				120
125	24.2	195.3	34,400	38.6	213.8	31,200	49.0	223.0	28,100				125
130	15.4	180.9	32,500	33.6	206.8	29,500	45.0	218.2	26,500				130
132	8.5	168.9	31,700	31.3	203.3	28,900	43.3	216.0	26,000	52.7	222.0	23,100	132
133	5.0	162.9	31,300	30.2	201.6	28,600	42.5	214.9	25,700	52.0	221.2	22,800	133
135				27.9	198.1	28,000	40.8	212.7	25,100	50.5	219.6	22,300	135
140				20.7	186.6	26,500	36.1	206.2	23,800	46.7	215.0	21,100	140
145				8.9	166.6	25,000	30.8	198.4	22,600	42.5	209.8	20,000	145
146				1.3	153.4	24,700	29.5	196.4	22,300	41.6	208.6	19,800	146
150							24.4	188.5	21,400	38.0	203.8	19,000	150
155							15.8	174.3	20,300	33.0	196.6	18,000	155
158							6.0	157.6	19,500	29.5	191.2	17,400	158
160										27.2	187.7	17,000	160
165										19.7	175.7	16,100	165
170										6.1	152.6	15,200	170

MLC250 S-2

ASME B30.5



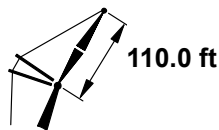
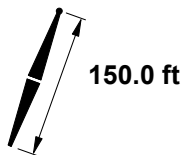
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
41	75.7	264.3	86,200 c							41
45	73.5	263.1	85,600 b							45
50	70.7	261.4	83,100	73.6	262.8	99,500 b				50
55	67.9	259.5	79,600	70.9	261.2	94,200				55
60	65.1	257.2	77,400	68.1	259.2	89,100				60
63	63.3	255.7	75,900	66.4	257.9	86,300	70.8	260.2	88,900	63
65	62.2	254.7	74,900	65.2	257.0	84,400	69.6	259.5	85,300	65
70	59.2	251.8	69,400	62.3	254.4	79,900	66.8	257.4	77,500	70
75	56.0	248.5	64,200	59.3	251.6	74,500	63.9	255.0	70,900	75
76	55.4	247.8	63,100	58.7	250.9	73,300	63.3	254.5	69,800	76
80	52.8	244.9	59,100	56.2	248.3	68,600	61.0	252.4	65,300	80
85	49.4	240.7	54,700	53.0	244.7	63,500	57.9	249.3	60,400	85
90	45.9	236.1	50,800	49.6	240.6	59,000	54.8	245.9	56,100	90
95	42.1	230.8	47,100	46.0	235.9	55,000	51.5	242.1	52,300	95
98	39.6	227.1	45,300	43.8	232.8	52,800	49.4	239.5	50,200	98
100	38.0	224.7	44,100	42.3	230.7	51,400	48.1	237.7	48,900	100
105	33.4	217.5	41,300	38.2	224.6	48,300	44.4	232.8	45,900	105
110	28.2	208.9	39,100	33.6	217.5	45,400	40.5	227.2	43,100	110
115	21.9	197.9	37,400	28.5	209.0	42,800	36.2	220.8	40,600	115
118	16.5	187.9	37,000	24.8	202.5	41,300	33.4	216.2	39,300	118
120	12.9	181.3	36,800	22.3	198.1	40,400	31.5	213.1	38,400	120
122	6.1	168.4	36,600	18.7	191.7	39,500	29.3	209.4	37,500	122
125				13.4	182.0	38,100	25.9	203.7	36,300	125
127				7.2	170.2	37,200	23.1	198.7	35,500	127
130							18.9	191.2	34,300	130
135							6.3	167.5	32,400	135
138										138
140										140
143										143
145										145
150										150
155										155
156										156
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168										168
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MLC250 S-2

ASME B30.5



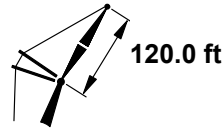
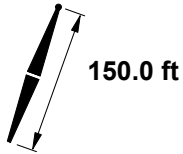
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
41													41
45													45
50													50
55													55
60													60
63													63
65													65
70													70
75													75
76	67.8	256.9	66,300										76
80	65.5	255.1	62,000										80
85	62.6	252.6	57,300										85
90	59.6	249.8	53,200										90
95	56.5	246.6	49,600										95
98	54.6	244.4	47,600	62.5	249.4	43,300							98
100	53.3	243.0	46,300	61.3	248.3	42,200							100
105	50.0	238.9	43,500	58.2	245.3	39,500							105
110	46.4	234.3	40,800	55.1	242.0	37,100							110
115	42.7	229.1	38,500	51.8	238.2	34,900							115
118	40.3	225.6	37,200	49.8	235.6	33,700	57.9	240.8	30,300				118
120	38.6	223.2	36,300	48.4	233.9	32,900	56.6	239.5	29,600				120
122	36.8	220.4	35,500	46.9	231.9	32,200	55.4	238.1	28,900				122
125	34.2	216.2	34,300	44.8	229.0	31,100	53.4	235.9	27,900				125
127	32.1	212.9	33,600	43.2	226.8	30,400	52.1	234.3	27,300				127
130	29.1	207.9	32,500	40.9	223.5	29,400	50.1	231.9	26,400				130
135	23.0	197.4	30,800	36.7	217.1	27,900	46.6	227.3	25,000				135
138	18.0	188.2	29,800	33.9	212.6	27,000	44.3	224.2	24,200	52.8	230.0	21,400	138
140	14.7	182.1	29,200	32.0	209.6	26,500	42.8	222.2	23,700	51.5	228.4	21,000	140
143	4.7	163.2	28,200	28.7	204.1	25,600	40.4	218.6	22,900	49.4	225.8	20,300	143
145				26.5	200.5	25,100	38.8	216.2	22,500	48.0	224.1	19,800	145
150				19.7	188.3	23,800	34.3	209.3	21,300	44.4	219.1	18,800	150
155				8.4	167.3	22,600	29.3	201.0	20,300	40.4	213.5	17,900	155
156				1.2	153.4	22,300	28.1	198.9	20,000	39.6	212.2	17,700	156
160							23.2	190.6	19,200	36.2	207.1	16,900	160
165							15.0	175.6	18,200	31.4	199.4	16,100	165
168							5.7	158.0	17,600	28.1	193.7	15,600	168
170										25.8	190.0	15,300	170
175										18.8	177.3	14,500	175
180										5.8	153.0	13,600	180

MLC250 S-2

ASME B30.5



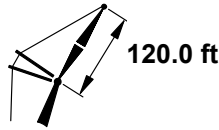
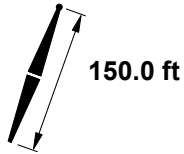
	88°			86°			83°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
43	75.9	274.1	78,500 b						43	
45	74.9	273.5	78,500 b						45	
50	72.4	272.0	75,800						50	
52	71.4	271.3	75,400	74.0	272.7	92,200 b			52	
55	69.9	270.2	74,900	72.5	271.7	90,800			55	
60	67.3	268.2	71,900	70.0	270.0	86,100			60	
65	64.7	265.9	70,100	67.4	268.0	81,800			65	
66	64.1	265.4	69,400	66.9	267.5	81,000	70.9	269.8	83,100	66
70	62.0	263.3	66,900	64.8	265.7	77,600	68.9	268.3	77,000	70
75	59.2	260.5	62,100	62.1	263.1	73,800	66.3	266.1	70,400	75
80	56.4	257.2	57,700	59.4	260.2	68,200	63.6	263.7	64,800	80
85	53.4	253.6	53,600	56.5	257.0	63,000	60.9	261.0	59,900	85
90	50.4	249.6	49,600	53.6	253.5	58,500	58.1	258.0	55,600	90
95	47.2	245.2	46,100	50.5	249.5	54,600	55.2	254.6	51,800	95
100	43.8	240.1	43,000	47.3	245.0	51,000	52.3	250.9	48,400	100
102	42.3	237.9	41,800	46.0	243.0	49,800	51.0	249.2	47,200	102
105	40.2	234.5	40,200	44.0	240.0	47,900	49.1	246.7	45,400	105
110	36.3	228.0	37,700	40.4	234.4	45,000	45.9	242.0	42,700	110
115	31.9	220.4	35,600	36.5	227.9	42,200	42.4	236.8	40,200	115
120	27.0	211.3	33,800	32.1	220.4	39,700	38.7	230.8	38,000	120
124	22.2	202.1	32,800	28.2	213.2	38,000	35.4	225.3	36,300	124
125	21.0	199.8	32,500	27.2	211.4	37,600	34.6	223.9	35,900	125
130	12.3	182.3	32,100	21.3	200.0	35,900	30.1	215.8	34,000	130
132	5.8	168.9	32,100	17.9	193.2	35,100	28.0	211.9	33,300	132
135				12.8	183.0	34,000	24.8	205.9	32,200	135
137				6.9	170.7	33,200	22.1	200.7	31,600	137
140							18.1	192.8	30,600	140
144							8.4	172.9	29,300	144
145							6.0	168.0	28,900	145
150										150
153										153
155										155
160										160
165										165
166										166
170										170
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178										178
180										180
185										185
190										190

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ASME B30.5



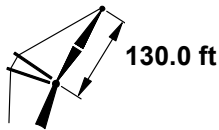
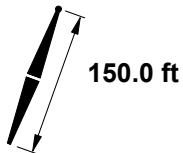
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
43													43
45													45
50													50
52													52
55													55
60													60
65													65
66													66
70													70
75													75
80	67.7	266.0	61,400										80
85	65.1	263.8	56,800										85
90	62.4	261.3	52,700										90
95	59.7	258.4	49,100										95
100	56.8	255.3	45,800										100
102	55.7	253.8	44,700	62.8	258.6	40,500							102
105	53.9	251.7	43,000	61.2	257.0	38,900							105
110	50.9	247.8	40,400	58.4	254.0	36,500							110
115	47.7	243.4	38,000	55.5	250.7	34,300							115
120	44.3	238.5	35,900	52.5	247.0	32,400							120
124	41.5	234.0	34,300	50.1	243.6	30,900	57.5	248.9	27,600				124
125	40.8	232.9	33,900	49.4	242.8	30,600	56.9	248.2	27,300				125
130	36.9	226.5	32,100	46.2	238.2	28,900	54.0	244.7	25,800				130
132	35.2	223.6	31,400	44.8	236.1	28,300	52.8	243.1	25,200				132
135	32.7	219.2	30,400	42.7	233.0	27,400	51.0	240.8	24,400				135
137	30.7	215.6	29,800	41.3	230.6	26,800	49.7	239.0	23,900				137
140	27.8	210.4	28,900	39.1	227.1	26,000	47.8	236.4	23,100				140
144	23.2	201.5	27,700	35.8	221.7	24,900	45.1	232.4	22,100	52.8	238.0	19,400	144
145	22.0	199.3	27,400	35.0	220.3	24,600	44.4	231.5	21,900	52.2	237.2	19,200	145
150	14.0	183.3	26,000	30.6	212.4	23,400	40.9	225.9	20,800	49.1	233.0	18,200	150
153	4.5	163.6	25,200	27.4	206.6	22,700	38.6	222.1	20,100	47.1	230.2	17,600	153
155				25.3	202.7	22,200	37.0	219.6	19,700	45.8	228.3	17,200	155
160				18.8	190.0	21,100	32.8	212.3	18,700	42.3	223.1	16,400	160
165				8.0	168.0	20,000	28.0	203.5	17,800	38.6	217.1	15,500	165
166				1.0	153.4	19,800	26.8	201.3	17,600	37.8	215.7	15,400	166
170							22.2	192.5	16,900	34.6	210.2	14,700	170
175							14.3	176.8	16,100	30.0	202.1	14,000	175
178							5.4	158.5	15,500	26.8	196.1	13,500	178
180										24.7	192.1	13,300	180
185										17.9	178.9	12,500	185
190										5.5	153.4	11,800	190

MLC250 S-2

ASME B30.5



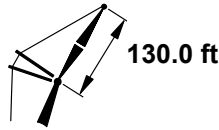
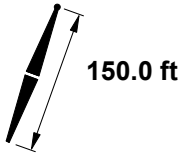
	88°			86°			83°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
46	75.6	283.6	72,500 b							46
50	73.8	282.5	70,200 b							50
55	71.5	280.9	69,500	73.9	282.2	83,900				55
60	69.1	279.0	66,900	71.6	280.6	82,800				60
65	66.7	276.9	66,100	69.2	278.8	79,300				65
69	64.8	275.1	64,200	67.3	277.1	76,300	71.0	279.3	78,100	69
70	64.3	274.6	63,700	66.9	276.7	75,500	70.6	279.0	76,700	70
75	61.8	272.0	60,400	64.4	274.4	72,000	68.2	277.0	70,100	75
80	59.3	269.1	56,300	61.9	271.8	67,800	65.8	274.8	64,400	80
84	57.2	266.6	53,300	59.9	269.5	63,700	63.8	272.9	60,500	84
85	56.7	265.9	52,600	59.4	268.9	62,700	63.3	272.4	59,500	85
90	54.0	262.4	49,000	56.8	265.7	58,200	60.8	269.7	55,200	90
95	51.2	258.5	45,500	54.1	262.2	54,300	58.3	266.7	51,500	95
100	48.3	254.2	42,500	51.3	258.3	50,700	55.6	263.3	48,100	100
105	45.2	249.4	39,700	48.4	254.0	47,600	52.9	259.7	45,100	105
107	43.9	247.2	38,700	47.2	252.1	46,400	51.7	258.0	44,000	107
110	42.0	244.0	37,200	45.3	249.2	44,700	50.0	255.6	42,400	110
115	38.5	238.0	35,000	42.1	243.9	41,900	47.1	251.1	39,900	115
120	34.8	231.1	33,000	38.7	237.9	39,300	44.0	246.1	37,700	120
125	30.6	223.1	31,300	35.0	231.1	36,900	40.6	240.5	35,600	125
129	26.8	215.5	30,100	31.7	224.8	35,300	37.8	235.4	34,100	129
130	25.9	213.6	29,800	30.8	223.2	34,900	37.1	234.2	33,700	130
135	20.1	201.5	28,900	26.1	213.7	33,100	33.2	226.9	32,000	135
140	11.8	183.3	28,500	20.4	201.8	31,800	28.9	218.4	30,300	140
142	5.6	169.3	28,500	17.2	194.7	31,300	26.8	214.2	29,700	142
145				12.3	184.1	30,500	23.8	208.0	28,800	145
147				6.6	171.3	29,700	21.2	202.5	28,300	147
150							17.3	194.3	27,400	150
155							5.7	168.4	26,000	155
160										160
163										163
165										165
170										170
175										175
176										176
180										180
185										185
188										188
190										190
195										195
200										200

MLC250 S-2

ASME B30.5



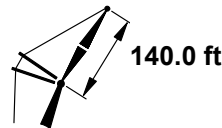
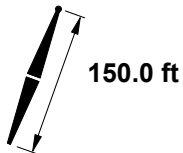
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
46													46
50													50
55													55
60													60
65													65
69													69
70													70
75													75
80													80
84	67.6	275.2	57,200										84
85	67.1	274.8	56,400										85
90	64.7	272.5	52,300										90
95	62.2	269.9	48,700										95
100	59.7	267.1	45,500										100
105	57.1	263.9	42,600										105
107	56.0	262.5	41,500	62.6	267.3	37,500							107
110	54.4	260.5	40,000	61.1	265.7	36,100							110
115	51.6	256.6	37,600	58.5	262.7	33,900							115
120	48.7	252.4	35,500	55.9	259.4	32,000							120
125	45.7	247.6	33,600	53.2	255.7	30,200							125
129	43.1	243.4	32,100	50.9	252.5	28,900	57.7	257.5	25,700				129
130	42.5	242.4	31,800	50.3	251.7	28,500	57.2	256.9	25,400				130
135	39.1	236.5	30,100	47.4	247.3	27,000	54.5	253.4	24,000				135
140	35.4	229.7	28,600	44.3	242.3	25,600	51.7	249.6	22,700				140
142	33.8	226.6	28,000	42.9	240.1	25,100	50.5	247.9	22,200				142
145	31.3	222.0	27,100	41.0	236.8	24,300	48.8	245.4	21,500				145
147	29.5	218.3	26,600	39.6	234.2	23,800	47.6	243.5	21,100				147
150	26.7	212.7	25,800	37.4	230.5	23,100	45.8	240.6	20,400	52.8	246.0	17,800	150
155	21.1	201.1	24,500	33.6	223.3	21,900	42.6	235.4	19,400	50.0	241.9	16,800	155
160	13.5	184.5	23,300	29.3	215.0	20,900	39.2	229.5	18,400	47.0	237.4	15,900	160
163	4.3	163.9	22,600	26.3	208.9	20,300	37.0	225.5	17,800	45.1	234.4	15,400	163
165				24.3	204.8	19,900	35.5	222.8	17,500	43.9	232.4	15,100	165
170				18.1	191.5	18,900	31.4	215.1	16,600	40.6	226.8	14,300	170
175				7.7	168.6	17,900	26.8	205.9	15,800	37.0	220.4	13,600	175
176				0.9	153.3	17,700	25.7	203.6	15,600	36.2	219.0	13,500	176
180							21.3	194.4	15,000	33.1	213.2	12,900	180
185							13.8	178.0	14,200	28.8	204.6	12,200	185
188							5.2	158.9	13,700	25.7	198.4	11,800	188
190										23.7	194.2	11,600	190
195										17.2	180.4	11,000	195
200										5.3	153.8	10,300	200

MLC250 S-2

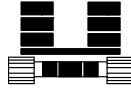
ASME B30.5



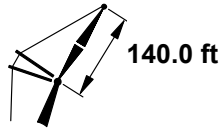
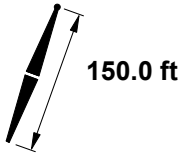
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
48	75.8	293.4	66,200 b							48
50	75.0	292.9	65,700 b							50
55	72.9	291.4	63,400							55
58	71.6	290.4	62,600	73.8	291.7	76,400				58
60	70.7	289.7	62,100	73.0	291.1	76,300				60
65	68.5	287.8	60,700	70.8	289.4	75,700				65
70	66.3	285.7	59,300	68.6	287.5	72,700				70
73	64.9	284.2	58,600	67.3	286.3	70,500	70.7	288.5	72,100	73
75	64.0	283.3	58,100	66.4	285.4	69,000	69.8	287.8	69,600	75
80	61.7	280.7	54,500	64.1	283.0	65,200	67.6	285.8	63,900	80
85	59.3	277.8	51,000	61.8	280.4	61,300	65.4	283.5	59,000	85
87	58.4	276.5	49,700	60.9	279.3	59,900	64.5	282.5	57,300	87
90	56.9	274.6	47,700	59.4	277.6	57,600	63.1	281.1	54,800	90
95	54.4	271.1	44,600	57.0	274.4	53,800	60.8	278.3	51,000	95
100	51.8	267.3	41,700	54.5	270.9	50,300	58.4	275.3	47,600	100
105	49.2	263.1	39,000	52.0	267.1	47,200	55.9	272.0	44,600	105
110	46.4	258.5	36,500	49.3	262.9	44,300	53.4	268.4	41,900	110
111	45.8	257.4	36,100	48.7	262.0	43,800	52.9	267.6	41,400	111
115	43.5	253.4	34,300	46.5	258.3	41,600	50.8	264.5	39,400	115
120	40.4	247.7	32,300	43.6	253.3	38,900	48.1	260.1	37,200	120
125	37.1	241.3	30,400	40.5	247.6	36,500	45.3	255.3	35,200	125
130	33.5	234.1	28,900	37.2	241.3	34,300	42.3	250.0	33,300	130
134	30.3	227.4	27,800	34.3	235.5	32,800	39.7	245.2	31,900	134
135	29.5	225.8	27,500	33.6	234.1	32,400	39.1	244.1	31,500	135
140	24.9	215.8	26,400	29.7	225.8	30,700	35.7	237.4	29,900	140
145	19.4	203.2	25,600	25.1	216.0	29,300	31.9	229.8	28,400	145
150	11.4	184.3	25,400	19.6	203.5	28,200	27.8	220.9	27,100	150
152	5.3	169.7	25,100	16.5	196.1	27,800	25.8	216.5	26,500	152
155				11.8	185.1	27,300	22.9	210.0	25,700	155
156				9.1	178.4	26,800	21.6	207.2	25,500	156
157				6.3	171.8	26,200	20.4	204.3	25,200	157
160							16.7	195.7	24,500	160
165							5.5	168.8	23,300	165
170										170
173										173
175										175
180										180
185										185
186										186
190										190
195										195
198										198
200										200
210										210

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



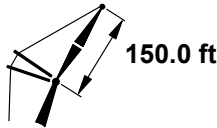
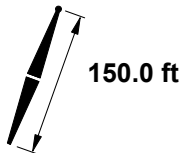
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
48													48
50													50
55													55
58													58
60													60
65													65
70													70
73													73
75													75
80													80
85													85
87	68.0	284.8	54,100										87
90	66.6	283.5	51,700										90
95	64.4	281.2	48,100										95
100	62.1	278.6	44,900										100
105	59.7	275.7	42,100										105
110	57.3	272.6	39,500										110
111	56.8	271.9	39,000	62.9	276.5	35,000							111
115	54.8	269.2	37,100	61.0	274.3	33,300							115
120	52.3	265.4	35,000	58.6	271.3	31,400							120
125	49.6	261.3	33,100	56.2	268.1	29,600							125
130	46.8	256.7	31,300	53.7	264.5	28,000							130
134	44.5	252.7	30,000	51.6	261.3	26,800	57.9	266.2	23,600				134
135	43.9	251.7	29,600	51.1	260.6	26,500	57.4	265.6	23,400				135
140	40.9	246.1	28,100	48.4	256.2	25,100	54.9	262.2	22,100				140
145	37.6	239.9	26,700	45.5	251.5	23,800	52.3	258.4	20,900				145
150	34.0	232.8	25,400	42.6	246.2	22,600	49.7	254.3	19,800				150
152	32.5	229.6	24,900	41.3	243.9	22,100	48.6	252.4	19,400				152
155	30.1	224.7	24,100	39.4	240.4	21,400	46.9	249.7	18,800				155
156	29.2	222.7	23,900	38.7	239.0	21,200	46.3	248.7	18,600	52.9	254.0	16,000	156
157	28.3	220.8	23,700	38.0	237.7	21,000	45.8	247.7	18,400	52.3	253.2	15,800	157
160	25.7	215.0	23,000	36.0	233.8	20,400	44.0	244.7	17,800	50.8	250.8	15,300	160
165	20.3	202.9	21,900	32.3	226.2	19,400	41.0	239.2	16,900	48.0	246.4	14,500	165
170	12.9	185.6	20,800	28.2	217.5	18,400	37.7	232.9	16,100	45.2	241.6	13,700	170
173	4.1	164.2	20,100	25.3	211.1	17,900	35.6	228.7	15,600	43.4	238.4	13,300	173
175				23.4	206.9	17,500	34.2	225.9	15,300	42.2	236.3	13,000	175
180				17.4	193.0	16,700	30.3	217.8	14,500	39.0	230.3	12,300	180
185				7.4	169.2	15,800	25.8	208.2	13,800	35.6	223.7	11,700	185
186				0.9	153.3	15,600	24.8	205.8	13,600	34.9	222.1	11,600	186
190							20.5	196.2	13,100	31.9	216.0	11,000	190
195							13.2	179.1	12,400	27.7	207.1	10,400	195
198							5.0	159.3	11,900	24.8	200.6	10,000	198
200										22.8	196.2	9,800	200
210										5.1	154.2	8,500	210

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



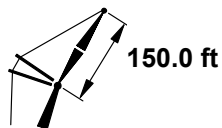
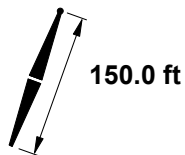
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
50	76.0	303.3	60,600 b							50
55	74.0	301.9	59,500							55
60	72.0	300.3	57,600							60
61	71.6	299.9	57,500	73.7	301.3	69,800				61
65	70.0	298.5	57,100	72.1	300.0	69,400				65
70	68.0	296.6	55,900	70.1	298.3	68,400				70
75	65.9	294.4	54,200	68.0	296.3	65,600				75
76	65.4	293.9	53,800	67.6	295.9	65,000	70.8	298.0	68,200	76
80	63.7	292.0	52,600	66.0	294.1	62,400	69.2	296.6	63,700	80
85	61.6	289.3	49,400	63.8	291.7	59,100	67.1	294.5	58,900	85
90	59.4	286.4	46,400	61.7	289.1	55,800	65.0	292.2	54,600	90
91	58.9	285.8	45,800	61.2	288.5	55,100	64.6	291.7	53,800	91
95	57.1	283.3	43,500	59.5	286.2	52,600	62.9	289.7	50,800	95
100	54.8	279.8	40,900	57.2	283.1	49,400	60.7	287.0	47,400	100
105	52.4	276.1	38,300	54.9	279.7	46,400	58.5	284.0	44,400	105
110	50.0	272.0	35,900	52.5	275.9	43,500	56.2	280.7	41,700	110
115	47.4	267.5	33,800	50.1	271.8	41,000	53.9	277.2	39,300	115
116	46.8	266.5	33,400	49.5	270.9	40,500	53.4	276.4	38,800	116
120	44.7	262.6	31,700	47.5	267.4	38,500	51.5	273.3	37,000	120
125	41.9	257.2	29,900	44.8	262.5	36,100	49.0	269.1	35,000	125
130	38.9	251.2	28,300	42.0	257.1	33,900	46.3	264.4	33,100	130
135	35.7	244.6	26,800	39.1	251.2	32,000	43.6	259.3	31,400	135
139	33.0	238.5	25,800	36.5	245.9	30,600	41.3	254.8	30,100	139
140	32.3	237.0	25,500	35.9	244.5	30,200	40.7	253.7	29,800	140
145	28.4	228.3	24,400	32.4	237.0	28,700	37.7	247.5	28,300	145
150	24.0	217.9	23,500	28.6	228.4	27,300	34.4	240.5	26,900	150
155	18.7	204.8	22,800	24.3	218.1	26,200	30.8	232.5	25,600	155
160	11.0	185.2	22,700	19.0	205.1	25,200	26.8	223.2	24,400	160
162	5.1	170.1	22,400	15.9	197.5	25,000	24.9	218.7	24,000	162
165				11.4	186.1	24,800	22.1	212.0	23,300	165
167				6.1	172.3	23,400	19.7	206.0	22,800	167
170							16.1	197.1	22,200	170
175							5.3	169.3	21,100	175
180										180
183										183
185										185
190										190
195										195
196										196
200										200
205										205
208										208
210										210
220										220

MLC250 S-2

ASME B30.5



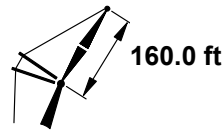
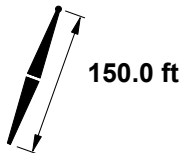
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
50													50
55													55
60													60
61													61
65													65
70													70
75													75
76													76
80													80
85													85
90													90
91	67.9	294.0	50,800										91
95	66.2	292.2	47,900										95
100	64.1	289.9	44,700										100
105	61.9	287.3	41,900										105
110	59.7	284.4	39,300										110
115	57.5	281.3	37,000										115
116	57.0	280.6	36,500	62.7	285.2	32,800							116
120	55.2	277.9	34,800	60.9	283.0	31,200							120
125	52.8	274.2	32,900	58.7	280.0	29,400							125
130	50.3	270.2	31,100	56.4	276.8	27,800							130
135	47.8	265.8	29,500	54.1	273.2	26,300							135
139	45.7	261.9	28,300	52.2	270.2	25,200	58.0	274.9	22,100				139
140	45.1	260.9	27,900	51.7	269.4	24,900	57.6	274.3	21,900				140
145	42.3	255.6	26,500	49.2	265.2	23,600	55.2	270.9	20,700				145
150	39.4	249.7	25,200	46.6	260.6	22,400	52.9	267.2	19,600				150
155	36.3	243.2	24,000	43.9	255.5	21,300	50.4	263.1	18,600				155
160	32.8	235.8	22,900	41.0	250.0	20,200	47.9	258.7	17,600				160
162	31.3	232.4	22,400	39.8	247.5	19,800	46.8	256.8	17,300	52.9	262.0	14,800	162
165	29.1	227.3	21,800	38.0	243.8	19,200	45.2	253.9	16,700	51.4	259.6	14,300	165
167	27.4	223.2	21,400	36.7	241.0	18,900	44.1	251.8	16,400	50.4	257.9	14,000	167
170	24.8	217.2	20,700	34.7	236.9	18,300	42.4	248.6	15,900	48.9	255.4	13,600	170
175	19.6	204.6	19,800	31.2	229.0	17,400	39.5	242.8	15,100	46.3	250.7	12,800	175
180	12.5	186.7	18,800	27.2	219.9	16,600	36.4	236.2	14,400	43.6	245.6	12,100	180
183	3.9	164.5	18,200	24.4	213.3	16,100	34.3	231.8	13,900	41.8	242.3	11,700	183
185				22.6	208.9	15,800	32.9	228.9	13,600	40.7	240.0	11,400	185
190				16.8	194.5	15,000	29.2	220.4	13,000	37.6	233.8	10,800	190
195				7.1	169.8	14,300	24.9	210.4	12,300	34.4	226.8	10,100	195
196				0.8	153.2	14,100	23.9	207.9	12,200	33.6	225.2	10,000	196
200							19.8	197.9	11,700	30.8	218.8	9,500	200
205							12.8	180.2	11,100	26.7	209.5	9,000	205
208							4.8	159.6	10,700	23.9	202.7	8,600	208
210										22.0	198.2	8,400	210
220										4.9	154.6	7,200	220

MLC250 S-2

ASME B30.5



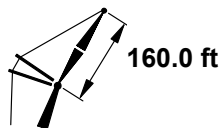
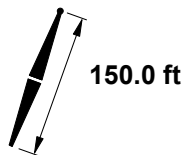
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
53	75.8	312.8	55,300						53	
55	75.1	312.3	54,900						55	
60	73.2	310.8	54,000						60	
63	72.1	309.8	53,400	74.0	311.1	63,700			63	
65	71.3	309.2	53,000	73.3	310.5	63,500			65	
70	69.4	307.3	51,400	71.4	308.9	63,200			70	
75	67.5	305.3	51,000	69.5	307.1	62,100			75	
79	65.9	303.5	49,800	67.9	305.4	59,900	70.9	307.6	62,000	79
80	65.5	303.1	49,500	67.6	305.0	59,400	70.6	307.2	62,000	80
85	63.5	300.6	47,700	65.6	302.8	56,500	68.6	305.3	58,400	85
90	61.5	298.0	44,900	63.6	300.4	53,700	66.7	303.2	54,100	90
95	59.4	295.1	42,200	61.6	297.8	50,900	64.7	300.9	50,300	95
100	57.3	292.0	39,800	59.5	294.9	48,000	62.7	298.4	47,000	100
105	55.1	288.6	37,500	57.4	291.8	45,300	60.7	295.7	44,000	105
110	52.9	284.9	35,300	55.2	288.4	42,700	58.6	292.7	41,300	110
115	50.6	280.9	33,200	53.0	284.7	40,200	56.5	289.4	38,800	115
120	48.2	276.5	31,200	50.7	280.7	37,900	54.3	285.9	36,600	120
125	45.8	271.8	29,400	48.4	276.4	35,700	52.0	282.1	34,500	125
130	43.2	266.6	27,800	45.9	271.6	33,700	49.7	278.0	32,700	130
135	40.5	260.9	26,300	43.3	266.5	31,700	47.3	273.5	31,000	135
140	37.6	254.7	25,000	40.6	260.8	29,900	44.8	268.6	29,400	140
145	34.6	247.7	23,800	37.8	254.6	28,300	42.2	263.2	27,900	145
150	31.2	239.8	22,600	34.7	247.7	26,800	39.4	257.3	26,500	150
155	27.5	230.8	21,800	31.4	239.8	25,600	36.4	250.8	25,200	155
160	23.3	220.0	21,000	27.7	230.8	24,400	33.3	243.5	24,000	160
165	18.1	206.4	20,500	23.5	220.2	23,400	29.8	235.2	22,900	165
168	13.6	194.2	20,500	20.4	212.1	23,000	27.5	229.4	22,300	168
170	10.6	186.1	20,500	18.3	206.7	22,700	25.9	225.5	21,800	170
172	4.9	170.5	19,700	15.4	198.8	22,500	24.1	220.9	21,400	172
175				11.0	187.0	22,200	21.4	213.9	20,800	175
177				5.9	172.8	20,600	19.0	207.7	20,400	177
180							15.6	198.5	19,900	180
185							5.1	169.7	18,900	185
190										190
193										193
195										195
200										200
205										205
206										206
210										210
215										215
218										218
220										220
230										230

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



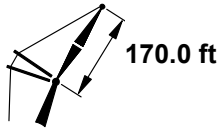
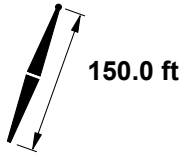
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
53													53
55													55
60													60
63													63
65													65
70													70
75													75
79													79
80													80
85													85
90													90
95	67.8	303.1	47,400										95
100	65.8	300.9	44,200										100
105	63.8	298.5	41,300										105
110	61.8	295.9	38,800										110
115	59.7	293.1	36,400										115
120	57.6	290.0	34,300	62.9	294.4	30,600							120
125	55.5	286.6	32,400	60.9	291.6	28,900							125
130	53.3	283.0	30,600	58.8	288.7	27,200							130
135	51.0	279.0	29,000	56.7	285.5	25,700							135
140	48.6	274.7	27,500	54.5	282.0	24,300							140
145	46.2	270.0	26,100	52.2	278.2	23,100	57.7	282.9	20,100				145
150	43.6	264.9	24,800	49.9	274.1	21,900	55.6	279.6	19,000				150
155	40.9	259.4	23,500	47.5	269.6	20,800	53.3	275.9	18,000				155
160	38.1	253.2	22,400	45.0	264.8	19,700	51.1	272.0	17,100				160
165	35.0	246.3	21,300	42.4	259.5	18,700	48.7	267.7	16,200				165
168	33.1	241.7	20,700	40.8	255.9	18,200	47.2	264.9	15,700	52.9	270.0	13,100	168
170	31.8	238.6	20,300	39.7	253.6	17,800	46.3	263.0	15,300	52.0	268.4	12,800	170
172	30.3	235.1	19,900	38.5	251.0	17,500	45.2	261.0	15,000	51.0	266.8	12,500	172
175	28.1	229.8	19,400	36.7	247.1	16,900	43.7	258.0	14,600	49.7	264.3	12,000	175
177	26.5	225.6	19,000	35.5	244.3	16,600	42.6	255.7	14,300	48.7	262.5	11,700	177
180	24.0	219.3	18,500	33.6	239.9	16,100	41.0	252.4	13,800	47.2	259.8	11,300	180
185	19.0	206.3	17,600	30.2	231.7	15,400	38.2	246.2	13,100	44.7	254.9	10,600	185
190	12.1	187.7	16,800	26.3	222.2	14,600	35.1	239.4	12,400	42.1	249.5	10,000	190
193	3.8	164.8	16,200	23.6	215.4	14,200	33.2	234.8	12,100	40.4	246.0	9,600	193
195				21.8	210.8	13,900	31.9	231.7	11,800	39.3	243.6	9,300	195
200				16.2	195.9	13,200	28.2	222.9	11,200	36.4	237.1	8,700	200
205				6.9	170.4	12,500	24.1	212.5	10,600	33.2	229.7	8,200	205
206				0.7	153.2	12,300	23.1	209.9	10,500	32.5	228.1	8,100	206
210							19.1	199.6	10,100	29.7	221.4	7,600	210
215							12.3	181.3	9,500	25.8	211.8	7,100	215
218							4.6	160.0	9,100	23.1	204.7	6,800	218
220										21.3	200.0	6,600	220
230										4.7	155.0	5,500	230

MLC250 S-2

ASME B30.5



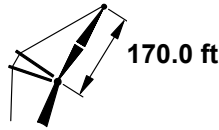
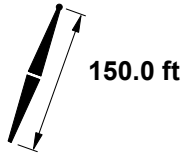
184,600 lb
+
44,000 lb



	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
55	76.0	322.6	50,600							55
60	74.2	321.2	49,800							60
65	72.4	319.7	49,000							65
66	72.1	319.4	48,800	73.9	320.7	57,900				66
70	70.7	318.0	48,100	72.5	319.4	57,700				70
75	68.9	316.1	46,800	70.7	317.7	57,400				75
80	67.0	314.0	46,500	68.9	315.8	56,500				80
82	66.3	313.1	46,100	68.2	315.0	55,600	71.0	317.1	56,300	82
85	65.2	311.8	45,600	67.1	313.8	54,200	70.0	316.1	56,300	85
90	63.3	309.3	43,800	65.3	311.5	51,800	68.1	314.1	53,700	90
95	61.4	306.7	41,300	63.4	309.1	49,300	66.3	312.0	49,900	95
99	59.8	304.3	39,500	61.9	307.0	47,400	64.8	310.1	47,300	99
100	59.5	303.8	39,100	61.5	306.4	46,900	64.5	309.6	46,600	100
105	57.5	300.6	36,900	59.5	303.5	44,400	62.6	307.1	43,600	105
110	55.4	297.3	34,800	57.6	300.4	42,100	60.6	304.3	40,900	110
115	53.4	293.6	32,900	55.5	297.1	39,800	58.7	301.3	38,400	115
120	51.2	289.7	31,100	53.4	293.5	37,600	56.7	298.1	36,200	120
125	49.0	285.5	29,300	51.3	289.5	35,500	54.6	294.7	34,200	125
130	46.7	280.9	27,600	49.1	285.3	33,500	52.5	290.9	32,300	130
135	44.3	275.9	26,200	46.8	280.7	31,700	50.3	286.9	30,600	135
140	41.8	270.5	24,800	44.4	275.8	30,000	48.1	282.5	29,000	140
145	39.2	264.5	23,500	42.0	270.4	28,300	45.8	277.7	27,500	145
150	36.5	258.0	22,400	39.3	264.4	26,800	43.4	272.6	26,200	150
155	33.5	250.7	21,400	36.6	257.9	25,500	40.8	267.0	24,900	155
160	30.2	242.5	20,500	33.6	250.7	24,300	38.2	260.8	23,700	160
165	26.7	233.1	19,700	30.4	242.6	23,100	35.3	254.0	22,600	165
170	22.5	222.0	19,100	26.8	233.2	22,200	32.2	246.4	21,500	170
174	18.5	210.7	18,800	23.5	224.4	21,500	29.6	239.5	20,700	174
175	17.5	207.9	18,700	22.7	222.2	21,400	28.9	237.8	20,500	175
180	10.3	187.0	18,700	17.8	208.3	20,800	25.1	227.8	19,600	180
182	4.8	170.9	17,400	14.9	200.1	20,500	23.3	222.9	19,200	182
185				10.7	187.9	20,000	20.7	215.7	18,700	185
187				5.7	173.2	18,300	18.4	209.3	18,300	187
190							15.1	199.8	17,800	190
195							4.9	170.1	16,900	195
200										200
203										203
205										205
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MLC250 S-2

ASME B30.5



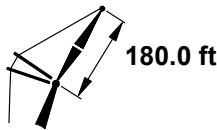
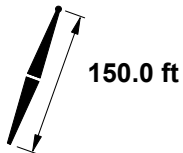
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
55													55
60													60
65													65
66													66
70													70
75													75
80													80
82													82
85													85
90													90
95													95
99	67.7	312.3	44,400										99
100	67.3	311.9	43,800										100
105	65.5	309.6	40,900										105
110	63.6	307.2	38,400										110
115	61.7	304.6	36,100										115
120	59.8	301.7	33,900										120
125	57.8	298.6	32,000	62.7	303.0	28,400							125
130	55.8	295.3	30,200	60.8	300.3	26,800							130
135	53.7	291.7	28,600	58.9	297.3	25,300							135
140	51.5	287.8	27,100	56.9	294.1	23,900							140
145	49.3	283.6	25,700	54.8	290.7	22,700							145
150	47.1	279.1	24,400	52.7	287.0	21,500	57.8	291.6	18,600				150
155	44.7	274.2	23,200	50.6	283.0	20,400	55.8	288.3	17,600				155
160	42.2	268.8	22,000	48.3	278.6	19,300	53.7	284.7	16,600				160
165	39.6	263.0	21,000	46.0	273.9	18,300	51.6	280.8	15,800				165
170	36.9	256.5	20,000	43.6	268.8	17,400	49.4	276.6	14,900				170
174	34.5	250.8	19,200	41.6	264.3	16,700	47.6	273.0	14,300	52.9	278.0	11,500	174
175	34.0	249.4	19,000	41.1	263.2	16,600	47.1	272.1	14,200	52.5	277.2	11,400	175
180	30.8	241.4	18,100	38.4	257.1	15,800	44.8	267.2	13,400	50.3	273.2	10,700	180
182	29.4	237.7	17,800	37.3	254.4	15,500	43.8	265.1	13,100	49.4	271.4	10,400	182
185	27.2	232.2	17,300	35.6	250.4	15,000	42.3	261.9	12,700	48.1	268.8	10,000	185
187	25.6	227.8	17,000	34.4	247.4	14,700	41.3	259.5	12,500	47.1	266.9	9,700	187
190	23.2	221.4	16,500	32.5	242.9	14,300	39.7	256.0	12,100	45.7	264.0	9,300	190
195	18.4	207.9	15,700	29.2	234.3	13,600	37.0	249.6	11,400	43.3	258.9	8,700	195
200	11.7	188.7	15,000	25.5	224.5	12,900	34.1	242.5	10,800	40.8	253.2	8,200	200
203	3.7	165.1	14,500	22.9	217.4	12,500	32.1	237.7	10,400	39.2	249.5	7,800	203
205				21.2	212.7	12,300	30.9	234.5	10,200	38.1	247.1	7,600	205
210				15.7	197.3	11,700	27.4	225.3	9,600	35.3	240.3	7,100	210
215				6.7	170.9	11,000	23.4	214.6	9,000	32.2	232.6	6,600	215
216				0.6	153.1	10,800	22.4	211.9	8,900	31.5	230.9	6,500	216
220							18.6	201.2	8,400	28.8	224.0	6,100	220
228							4.5	160.3	7,500	22.3	206.3	5,300	228
230										20.6	201.8	5,100	230

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



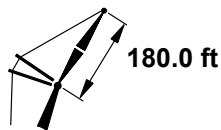
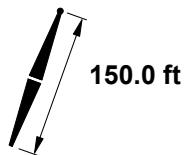
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
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60	75.1	331.6	46,000						60	
65	73.5	330.2	45,300						65	
69	72.1	328.9	44,700	73.9	330.2	52,900			69	
70	71.8	328.6	44,600	73.5	329.9	52,800			70	
75	70.1	326.8	43,900	71.9	328.3	52,500			75	
80	68.4	324.9	42,700	70.2	326.5	52,200			80	
85	66.7	322.8	42,000	68.5	324.6	51,400			85	
86	66.3	322.3	41,900	68.1	324.2	50,900	70.8	326.3	51,100	86
90	64.9	320.5	41,400	66.7	322.5	49,300	69.4	324.9	51,100	90
95	63.1	318.0	39,900	65.0	320.2	47,200	67.7	322.8	49,400	95
100	61.3	315.3	37,800	63.2	317.8	45,100	66.0	320.7	46,100	100
102	60.6	314.2	37,000	62.5	316.7	44,200	65.3	319.7	44,900	102
105	59.5	312.4	35,800	61.4	315.1	42,900	64.2	318.3	43,100	105
110	57.6	309.3	33,900	59.6	312.2	40,900	62.4	315.7	40,400	110
115	55.7	306.0	32,100	57.7	309.1	38,700	60.6	313.0	38,000	115
120	53.7	302.4	30,400	55.8	305.8	36,700	58.8	310.0	35,700	120
125	51.7	298.5	28,800	53.8	302.2	34,800	56.9	306.8	33,700	125
129	50.1	295.2	27,500	52.2	299.1	33,300	55.3	304.0	32,200	129
130	49.7	294.4	27,200	51.8	298.3	33,000	54.9	303.4	31,900	130
135	47.5	289.9	25,700	49.8	294.2	31,200	53.0	299.7	30,100	135
140	45.3	285.1	24,400	47.6	289.7	29,600	50.9	295.7	28,600	140
145	43.0	279.8	23,100	45.4	284.9	28,100	48.8	291.4	27,100	145
150	40.6	274.2	22,000	43.1	279.7	26,600	46.7	286.8	25,700	150
155	38.1	268.0	21,000	40.7	274.1	25,200	44.4	281.8	24,500	155
160	35.4	261.2	20,000	38.2	267.9	24,000	42.1	276.4	23,300	160
165	32.5	253.6	19,200	35.5	261.1	22,800	39.6	270.6	22,100	165
170	29.4	245.1	18,400	32.6	253.6	21,800	37.0	264.2	21,100	170
175	25.9	235.4	17,900	29.5	245.2	20,900	34.3	257.1	20,100	175
180	21.9	223.9	17,300	26.0	235.5	20,000	31.3	249.2	19,200	180
185	17.0	209.4	17,000	22.1	224.1	19,400	28.0	240.3	18,300	185
190	10.0	187.8	16,900	17.2	209.8	18,800	24.4	229.9	17,500	190
192	4.6	171.3	15,100	14.5	201.4	18,300	22.7	224.9	17,100	192
195				10.4	188.8	17,600	20.1	217.4	16,600	195
197				5.5	173.7	15,900	17.9	210.9	16,300	197
200							14.6	201.0	15,900	200
205							4.8	170.4	15,100	205
210										210
213										213
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220										220
226										226
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238										238

MLC250 S-2

ASME B30.5



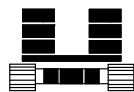
184,600 lb
+
44,000 lb



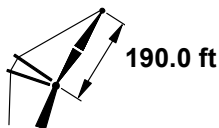
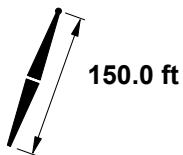
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	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
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60													60
65													65
69													69
70													70
75													75
80													80
85													85
86													86
90													90
95													95
100													100
102	68.0	321.9	42,100										102
105	66.9	320.6	40,400										105
110	65.2	318.3	37,900										110
115	63.4	315.9	35,500										115
120	61.6	313.2	33,400										120
125	59.8	310.4	31,500										125
129	58.3	307.9	30,100	63.0	312.2	26,500							129
130	57.9	307.3	29,700	62.6	311.7	26,200							130
135	56.0	304.0	28,100	60.8	309.0	24,700							135
140	54.0	300.5	26,600	58.9	306.0	23,400							140
145	52.0	296.6	25,200	57.0	302.8	22,100							145
150	50.0	292.5	23,900	55.1	299.4	20,900							150
155	47.9	288.1	22,700	53.1	295.7	19,800	58.0	300.3	17,000				155
160	45.7	283.3	21,600	51.1	291.8	18,800	56.1	297.0	16,100				160
165	43.4	278.2	20,500	49.0	287.5	17,800	54.1	293.4	15,200				165
170	41.0	272.6	19,500	46.9	283.0	16,900	52.1	289.6	14,400				170
175	38.5	266.5	18,600	44.6	278.0	16,100	50.1	285.5	13,600				175
180	35.8	259.8	17,700	42.3	272.7	15,300	47.9	281.1	12,800	52.9	286.0	9,800	180
185	33.0	252.4	16,900	39.9	266.9	14,500	45.7	276.3	12,100	50.9	282.0	9,100	185
190	29.9	244.0	16,100	37.3	260.5	13,800	43.4	271.2	11,400	48.8	277.7	8,500	190
192	28.5	240.2	15,800	36.2	257.7	13,500	42.5	269.0	11,100	47.9	275.9	8,300	192
195	26.5	234.5	15,300	34.5	253.5	13,100	41.1	265.6	10,700	46.6	273.1	7,900	195
197	24.9	230.0	15,000	33.4	250.4	12,800	40.1	263.2	10,400	45.7	271.1	7,700	197
200	22.6	223.3	14,600	31.6	245.7	12,400	38.6	259.5	10,100	44.4	268.1	7,300	200
205	17.8	209.4	13,900	28.4	236.9	11,800	35.9	252.8	9,400	42.0	262.7	6,800	205
210	11.4	189.7	13,200	24.8	226.7	11,200	33.1	245.5	8,800	39.6	256.9	6,300	210
213	3.5	165.3	12,800	22.2	219.3	10,900	31.2	240.5	8,500	38.0	253.0	6,000	213
215				20.6	214.5	10,600	30.0	237.2	8,300	37.0	250.4	5,800	215
220				15.3	198.6	10,100	26.6	227.7	7,700	34.2	243.3	5,300	220
226				0.6	153.0	9,300	21.4	212.7	7,100				226
230							18.0	202.8	6,700				230
238							4.3	160.7	5,800				238

MLC250 S-2

ASME B30.5



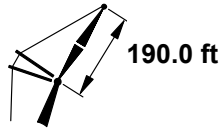
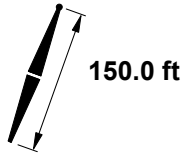
184,600 lb
+
44,000 lb



	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
60	75.9	342.0	42,400						60	
65	74.3	340.6	41,900						65	
70	72.8	339.1	41,300						70	
72	72.1	338.4	41,100	73.8	339.7	48,300			72	
75	71.2	337.4	40,700	72.8	338.8	48,100			75	
80	69.6	335.6	40,100	71.3	337.2	47,800			80	
85	68.0	333.6	39,500	69.7	335.4	47,500			85	
89	66.6	331.9	39,000	68.4	333.8	47,000	70.9	335.9	46,500	89
90	66.3	331.5	38,900	68.0	333.4	46,800	70.6	335.5	46,500	90
95	64.7	329.2	37,900	66.4	331.2	45,000	68.9	333.6	46,500	95
100	63.0	326.7	36,500	64.7	328.9	43,200	67.3	331.6	45,900	100
105	61.3	324.0	34,700	63.0	326.4	41,300	65.7	329.4	42,900	105
106	60.9	323.4	34,400	62.7	325.9	40,900	65.3	328.9	42,300	106
110	59.5	321.1	33,000	61.3	323.7	39,500	64.0	327.0	40,200	110
115	57.7	318.0	31,300	59.6	320.9	37,600	62.3	324.4	37,700	115
120	55.9	314.7	29,600	57.8	317.8	35,800	60.6	321.6	35,500	120
125	54.1	311.1	28,100	56.0	314.5	34,000	58.8	318.7	33,500	125
130	52.2	307.3	26,800	54.2	310.9	32,300	57.0	315.5	31,600	130
134	50.6	304.1	25,600	52.6	307.9	31,000	55.6	312.8	30,300	134
135	50.2	303.2	25,400	52.3	307.1	30,700	55.2	312.1	29,900	135
140	48.2	298.9	24,100	50.3	303.1	29,100	53.3	308.4	28,300	140
145	46.2	294.2	22,800	48.3	298.7	27,600	51.4	304.5	26,900	145
150	44.0	289.1	21,700	46.3	294.0	26,400	49.5	300.3	25,500	150
155	41.8	283.7	20,600	44.1	289.0	25,000	47.4	295.8	24,200	155
160	39.5	277.8	19,700	41.9	283.6	23,900	45.3	291.0	23,100	160
161	39.0	276.5	19,500	41.4	282.4	23,600	44.9	290.0	22,800	161
165	37.0	271.3	18,800	39.6	277.7	22,600	43.2	285.8	21,900	165
170	34.4	264.3	18,000	37.1	271.3	21,600	40.9	280.2	20,900	170
175	31.6	256.5	17,300	34.5	264.3	20,500	38.5	274.1	19,900	175
180	28.6	247.7	16,700	31.7	256.5	19,700	36.0	267.4	19,000	180
185	25.2	237.6	16,200	28.7	247.7	18,900	33.3	260.1	18,100	185
186	24.4	235.3	16,100	28.0	245.7	18,800	32.7	258.4	17,900	186
190	21.3	225.8	15,800	25.3	237.8	18,200	30.4	251.9	17,300	190
195	16.5	210.8	15,500	21.5	226.0	17,700	27.3	242.7	16,500	195
200	9.7	188.7	14,900	16.8	211.2	17,000	23.7	232.0	15,700	200
202	4.5	171.6	13,200	13.5	200.6	16,200	21.8	226.1	15,400	202
207				5.4	174.1	14,000	17.1	211.2	14,700	207
210							14.2	202.3	14,300	210
215							4.6	170.8	13,600	215
220										220
223										223
230										230
236										236
240										240

MLC250 S-2

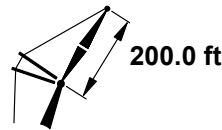
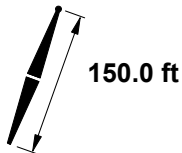
ASME B30.5



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
60													60
65													65
70													70
72													72
75													75
80													80
85													85
89													89
90													90
95													95
100													100
105													105
106	67.9	331.0	39,700										106
110	66.6	329.3	37,600										110
115	64.9	327.0	35,300										115
120	63.2	324.6	33,200										120
125	61.5	321.9	31,300										125
130	59.8	319.1	29,500										130
134	58.4	316.6	28,200	62.8	320.9	24,800							134
135	58.0	316.0	27,900	62.5	320.4	24,500							135
140	56.2	312.7	26,400	60.7	317.6	23,100							140
145	54.4	309.2	25,000	59.0	314.7	21,900							145
150	52.5	305.4	23,700	57.2	311.5	20,700							150
155	50.6	301.4	22,500	55.4	308.1	19,600							155
160	48.6	297.1	21,400	53.5	304.5	18,600							160
161	48.1	296.1	21,200	53.1	303.7	18,400	57.7	308.3	15,700				161
165	46.5	292.4	20,300	51.6	300.6	17,600	56.3	305.7	15,000				165
170	44.4	287.4	19,300	49.7	296.5	16,700	54.4	302.2	14,100				170
175	42.2	282.1	18,400	47.6	292.0	15,800	52.5	298.4	13,300				175
180	39.8	276.2	17,500	45.5	287.2	15,000	50.6	294.4	12,500				180
185	37.4	269.9	16,700	43.4	282.0	14,300	48.6	290.1	11,700				185
186	36.9	268.5	16,500	42.9	280.9	14,100	48.2	289.1	11,600	52.9	294.0	8,700	186
190	34.8	262.9	15,900	41.1	276.4	13,600	46.6	285.4	11,000	51.4	290.8	8,200	190
195	32.0	255.2	15,100	38.7	270.4	12,900	44.4	280.5	10,400	49.4	286.7	7,600	195
200	29.0	246.6	14,400	36.2	263.8	12,200	42.2	275.1	9,700	47.4	282.2	7,000	200
202	27.6	242.4	14,200	35.1	260.7	12,000	41.3	272.7	9,500	46.5	280.1	6,800	202
207	24.1	231.7	13,500	32.4	253.0	11,400	38.9	266.6	8,900	44.4	275.1	6,300	207
210	21.9	225.3	13,100	30.7	248.4	11,000	37.5	262.9	8,500	43.1	272.1	5,900	210
215	17.4	211.0	12,500	27.6	239.3	10,500	34.9	256.0	8,000	40.9	266.5	5,400	215
220	11.0	190.6	11,800	24.1	228.8	9,900	32.1	248.3	7,400				220
223				21.3	220.1	9,600	30.2	242.8	7,100				223
230	3.4	165.6	11,400	14.8	199.9	8,800	25.8	230.0	6,400				230
236				0.5	153.0	8,100	20.8	214.6	5,900				236
240							17.5	204.3	5,500				240

MLC250 S-2

ASME B30.5



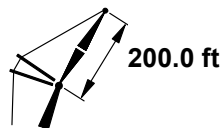
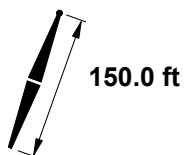
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
62	76.0	351.8	38,800							62
65	75.2	351.0	38,600							65
70	73.7	349.6	38,200							70
74	72.5	348.3	37,800	74.0	349.6	44,000				74
75	72.2	348.0	37,700	73.7	349.3	44,000				75
80	70.6	346.3	37,100	72.2	347.7	43,700				80
85	69.1	344.4	36,600	70.7	346.0	43,400				85
90	67.6	342.4	36,100	69.2	344.1	43,200				90
92	66.9	341.5	35,800	68.6	343.3	43,000	71.0	345.4	42,200	92
95	66.0	340.2	35,500	67.6	342.1	42,700	70.0	344.3	42,200	95
100	64.4	337.9	35,000	66.1	340.0	41,100	68.5	342.4	42,100	100
105	62.8	335.3	33,400	64.5	337.6	39,600	67.0	340.3	42,000	105
110	61.2	332.6	31,800	62.9	335.1	37,900	65.4	338.1	39,700	110
115	59.5	329.7	30,300	61.3	332.4	36,300	63.8	335.7	37,300	115
120	57.9	326.7	28,900	59.6	329.5	34,700	62.2	333.1	35,100	120
125	56.1	323.4	27,400	57.9	326.5	33,100	60.5	330.3	33,000	125
130	54.4	319.9	26,100	56.2	323.2	31,500	58.9	327.3	31,200	130
135	52.6	316.1	24,800	54.5	319.7	30,100	57.2	324.2	29,500	135
138	51.5	313.7	24,100	53.4	317.4	29,200	56.1	322.1	28,500	138
140	50.8	312.1	23,600	52.7	315.9	28,600	55.5	320.8	27,900	140
145	48.9	307.8	22,500	50.8	311.9	27,200	53.7	317.2	26,400	145
150	46.9	303.2	21,400	49.0	307.7	25,900	51.9	313.3	25,100	150
155	44.9	298.3	20,300	47.0	303.1	24,600	50.0	309.2	23,800	155
160	42.9	293.1	19,400	45.0	298.2	23,500	48.1	304.8	22,600	160
165	40.7	287.4	18,500	42.9	293.0	22,400	46.2	300.1	21,500	165
166	40.2	286.2	18,300	42.5	291.8	22,200	45.7	299.1	21,300	166
170	38.4	281.3	17,700	40.8	287.3	21,400	44.1	295.1	20,500	170
175	36.0	274.6	16,900	38.5	281.2	20,400	42.0	289.7	19,500	175
180	33.5	267.3	16,300	36.1	274.6	19,400	39.8	283.8	18,600	180
185	30.8	259.2	15,700	33.6	267.3	18,600	37.5	277.5	17,700	185
190	27.8	250.2	15,100	30.9	259.2	17,800	35.0	270.6	16,900	190
195	24.5	239.8	14,700	27.9	250.2	17,200	32.4	263.0	16,100	195
200	20.7	227.6	14,300	24.7	240.0	16,600	29.6	254.6	15,300	200
205	16.1	212.2	14,200	20.9	227.8	15,900	26.6	245.0	14,600	205
210	9.4	189.5	12,800	16.3	212.7	15,200	23.1	234.0	13,900	210
212	4.4	172.0	11,300	13.2	201.8	14,300	21.2	227.9	13,700	212
217				5.2	174.5	12,000	16.6	212.6	13,000	217
220							13.9	203.5	12,600	220
225							4.5	171.2	12,000	225
230										230
233										233
235										235
240										240
246										246

MLC250 S-2

ASME B30.5



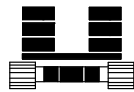
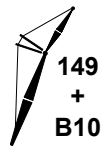
184,600 lb
+
44,000 lb



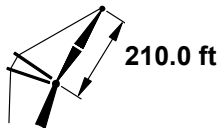
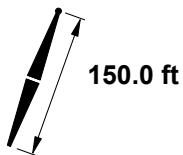
	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
62										62
65										65
70										70
74										74
75										75
80										80
85										85
90										90
92										92
95										95
100										100
105										105
110	67.8	340.2	37,100							110
115	66.3	338.1	34,800							115
120	64.7	335.7	32,700							120
125	63.1	333.2	30,800							125
130	61.4	330.6	29,000							130
135	59.8	327.7	27,400							135
138	58.8	325.9	26,500	63.0	330.1	23,100				138
140	58.1	324.7	25,900	62.3	329.0	22,600				140
145	56.4	321.4	24,500	60.7	326.3	21,300				145
150	54.7	317.9	23,200	59.0	323.3	20,200				150
155	52.9	314.2	22,000	57.3	320.2	19,100				155
160	51.1	310.2	20,900	55.6	316.8	18,000				160
165	49.2	306.0	19,800	53.9	313.2	17,100				165
166	48.8	305.1	19,600	53.5	312.5	16,900	57.8	317.0	14,000	166
170	47.2	301.5	18,800	52.1	309.4	16,200	56.5	314.4	13,300	170
175	45.2	296.6	17,900	50.2	305.3	15,300	54.7	310.9	12,500	175
180	43.2	291.4	17,000	48.3	301.0	14,500	52.9	307.2	11,700	180
185	41.0	285.8	16,200	46.3	296.3	13,800	51.1	303.2	10,900	185
190	38.8	279.8	15,400	44.3	291.3	13,100	49.2	299.0	10,200	190
195	36.4	273.2	14,700	42.2	285.9	12,400	47.3	294.5	9,600	195
200	33.9	266.0	14,000	40.0	280.1	11,800	45.3	289.6	8,900	200
205	31.2	258.0	13,300	37.7	273.8	11,100	43.2	284.4	8,300	205
210	28.3	249.1	12,700	35.3	267.0	10,500	41.1	278.8	7,800	210
212	26.9	244.7	12,400	34.2	263.8	10,300	40.2	276.3	7,600	212
217	23.4	233.7	11,800	31.5	255.9	9,700	37.9	270.0	7,000	217
220	21.4	227.1	11,500	29.9	251.1	9,300	36.5	266.2	6,700	220
225	16.9	212.4	10,900	26.9	241.7	8,700	34.0	259.1	6,200	225
230	10.7	191.5	10,300	23.4	230.9	8,200	31.3	251.1	5,700	230
233	3.3	165.9	9,900	21.1	223.1	7,900	29.5	245.8	5,400	233
235				19.5	217.9	7,700	28.4	242.3	5,200	235
240				14.4	201.1	7,100				240
246				0.5	152.9	6,400				246

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



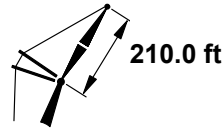
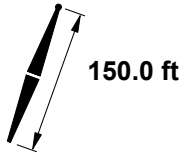
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
65	75.9	361.3	35,500							65
70	74.5	360.0	35,200							70
75	73.0	358.5	34,900							75
77	72.5	357.8	34,700	74.0	359.1	40,200				77
80	71.6	356.9	34,400	73.1	358.2	40,000				80
85	70.2	355.1	33,900	71.7	356.6	39,800				85
90	68.7	353.2	33,500	70.2	354.8	39,500				90
95	67.2	351.1	33,000	68.8	352.9	39,300	71.0	355.0	38,400	95
100	65.7	348.9	32,600	67.3	350.9	39,000	69.6	353.1	38,300	100
105	64.2	346.5	32,100	65.8	348.7	37,700	68.1	351.2	38,200	105
110	62.7	344.0	30,700	64.3	346.3	36,300	66.6	349.1	38,100	110
113	61.8	342.4	29,900	63.4	344.8	35,500	65.7	347.7	37,400	113
115	61.1	341.3	29,400	62.8	343.8	34,900	65.1	346.8	36,900	115
120	59.6	338.4	28,000	61.2	341.1	33,500	63.6	344.3	34,700	120
125	58.0	335.3	26,700	59.6	338.2	32,100	62.1	341.7	32,700	125
130	56.3	332.1	25,500	58.0	335.1	30,700	60.5	339.0	30,800	130
135	54.7	328.6	24,200	56.4	331.9	29,300	58.9	336.0	29,100	135
140	53.0	324.9	23,100	54.7	328.4	27,900	57.3	332.8	27,500	140
143	51.9	322.5	22,500	53.7	326.2	27,200	56.3	330.8	26,600	143
145	51.2	320.9	22,100	53.0	324.7	26,700	55.7	329.5	26,100	145
150	49.5	316.7	21,000	51.3	320.8	25,500	54.0	325.9	24,700	150
155	47.6	312.3	20,100	49.5	316.6	24,300	52.3	322.1	23,400	155
160	45.7	307.5	19,100	47.7	312.1	23,100	50.5	318.1	22,300	160
165	43.8	302.4	18,200	45.8	307.4	22,100	48.7	313.8	21,100	165
170	41.8	296.9	17,400	43.9	302.3	21,100	46.9	309.2	20,100	170
171	41.3	295.7	17,300	43.5	301.2	21,000	46.5	308.2	19,900	171
175	39.7	291.0	16,600	41.9	296.8	20,200	45.0	304.3	19,100	175
180	37.4	284.7	15,900	39.8	290.9	19,200	43.0	299.0	18,200	180
185	35.1	277.8	15,300	37.5	284.6	18,400	40.9	293.4	17,300	185
190	32.7	270.2	14,800	35.2	277.7	17,600	38.8	287.4	16,500	190
195	30.0	261.9	14,300	32.8	270.2	16,900	36.5	280.8	15,700	195
200	27.1	252.6	13,800	30.1	261.9	16,300	34.2	273.7	15,000	200
205	23.9	241.9	13,400	27.3	252.7	15,600	31.6	265.8	14,300	205
210	20.2	229.4	13,200	24.1	242.1	14,900	28.9	257.1	13,600	210
215	15.7	213.6	13,000	20.4	229.6	14,200	25.9	247.3	13,000	215
220	9.2	190.2	11,000	15.9	214.1	13,600	22.5	236.0	12,400	220
222	4.3	172.3	9,600	12.8	202.9	12,600	20.7	229.7	12,100	222
227				5.1	174.9	10,200	16.2	214.0	11,500	227
230							13.5	204.6	11,200	230
235							4.4	171.5	10,600	235
240										240
243										243
250										250
255										255

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



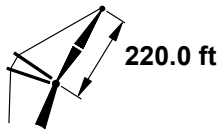
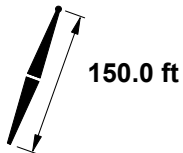
	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
65										65
70										70
75										75
77										77
80										80
85										85
90										90
95										95
100										100
105										105
110										110
113	68.0	349.8	35,300							113
115	67.5	349.0	34,400							115
120	66.0	346.8	32,300							120
125	64.5	344.4	30,400							125
130	62.9	341.9	28,600							130
135	61.4	339.2	27,000							135
140	59.8	336.4	25,500							140
143	58.8	334.5	24,700	62.8	338.8	21,400				143
145	58.2	333.3	24,100	62.2	337.7	20,900				145
150	56.6	330.1	22,800	60.7	334.9	19,700				150
155	54.9	326.6	21,600	59.1	332.0	18,600				155
160	53.2	323.0	20,500	57.5	328.9	17,600				160
165	51.5	319.1	19,500	55.8	325.5	16,700				165
170	49.7	314.9	18,500	54.2	322.0	15,800				170
171	49.4	314.0	18,300	53.8	321.2	15,600	57.9	325.6	12,500	171
175	47.9	310.5	17,500	52.5	318.2	14,900	56.6	323.0	11,800	175
180	46.0	305.8	16,700	50.7	314.2	14,100	55.0	319.6	11,100	180
185	44.1	300.7	15,800	48.9	309.9	13,400	53.3	315.9	10,300	185
190	42.1	295.3	15,100	47.1	305.3	12,700	51.6	312.0	9,600	190
195	40.0	289.5	14,300	45.2	300.5	11,900	49.8	307.9	9,000	195
200	37.8	283.2	13,600	43.2	295.3	11,200	48.0	303.5	8,300	200
205	35.5	276.4	13,000	41.1	289.7	10,600	46.1	298.8	7,700	205
210	33.0	268.9	12,300	39.0	283.7	9,900	44.2	293.7	7,200	210
215	30.4	260.7	11,700	36.8	277.2	9,300	42.1	288.3	6,600	215
220	27.6	251.6	11,100	34.4	270.1	8,800	40.1	282.5	6,100	220
222	26.2	247.1	10,900	33.4	266.8	8,500	39.2	279.9	5,900	222
227	22.9	235.8	10,400	30.7	258.6	8,000	36.9	273.4	5,400	227
230	20.8	229.0	10,000	29.2	253.7	7,700	35.6	269.5	5,200	230
235	16.5	213.9	9,500	26.2	244.0	7,100				235
240	10.5	192.4	9,000	22.9	232.9	6,600				240
243	3.2	166.1	8,600	20.2	223.7	6,400				243
250				14.1	202.3	5,700				250
255				6.0	173.0	5,200				255

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



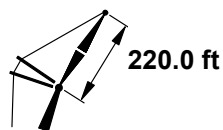
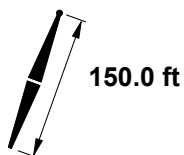
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
67	76.0	371.2	32,500						67	
70	75.2	370.4	32,300						70	
75	73.8	369.0	32,000						75	
80	72.5	367.4	31,800	73.9	368.7	36,600			80	
85	71.1	365.7	31,400	72.5	367.1	36,300			85	
90	69.7	363.9	31,000	71.2	365.5	36,100			90	
95	68.3	362.0	30,600	69.8	363.6	35,800			95	
99	67.2	360.3	30,200	68.7	362.1	35,600	70.8	364.2	34,800	99
100	66.9	359.9	30,100	68.4	361.7	35,500	70.6	363.8	34,800	100
105	65.5	357.6	29,800	67.0	359.6	35,300	69.2	361.9	34,600	105
110	64.0	355.2	29,400	65.5	357.4	34,500	67.8	359.9	34,500	110
115	62.6	352.7	28,300	64.1	355.0	33,300	66.3	357.8	34,400	115
117	62.0	351.6	27,800	63.5	354.0	32,800	65.8	356.9	34,300	117
120	61.1	350.0	27,000	62.6	352.4	32,100	64.9	355.5	34,200	120
125	59.6	347.1	25,800	61.2	349.7	30,800	63.5	353.0	32,200	125
130	58.1	344.0	24,700	59.7	346.9	29,600	62.0	350.4	30,300	130
135	56.5	340.8	23,600	58.1	343.8	28,400	60.5	347.6	28,600	135
140	54.9	337.3	22,500	56.6	340.5	27,200	59.0	344.7	27,100	140
145	53.3	333.6	21,500	55.0	337.1	26,000	57.4	341.5	25,600	145
147	52.6	332.1	21,100	54.3	335.6	25,600	56.8	340.2	25,100	147
150	51.7	329.7	20,500	53.4	333.5	24,900	55.9	338.2	24,200	150
155	50.0	325.6	19,600	51.7	329.6	23,800	54.3	334.7	23,000	155
160	48.2	321.2	18,800	50.0	325.5	22,800	52.7	330.9	21,800	160
165	46.5	316.6	18,000	48.3	321.1	21,700	51.0	326.9	20,700	165
170	44.6	311.6	17,200	46.5	316.4	20,800	49.3	322.7	19,700	170
175	42.7	306.3	16,400	44.7	311.5	19,900	47.5	318.2	18,700	175
176	42.3	305.2	16,200	44.3	310.4	19,700	47.2	317.3	18,500	176
180	40.8	300.6	15,700	42.8	306.2	19,100	45.7	313.4	17,800	180
185	38.7	294.5	15,000	40.8	300.5	18,300	43.9	308.3	16,900	185
190	36.5	288.0	14,400	38.8	294.5	17,500	42.0	302.9	16,100	190
195	34.3	280.9	13,900	36.6	287.9	16,700	40.0	297.1	15,300	195
200	31.9	273.1	13,400	34.4	280.8	16,000	37.9	290.8	14,600	200
205	29.3	264.5	13,000	32.0	273.1	15,200	35.7	284.0	13,900	205
210	26.5	254.9	12,600	29.4	264.6	14,500	33.4	276.7	13,200	210
215	23.3	244.0	12,300	26.6	255.0	13,800	30.9	268.6	12,600	215
220	19.7	231.1	11,900	23.5	244.1	13,200	28.2	259.6	11,900	220
225	15.3	214.9	11,000	19.9	231.4	12,300	25.3	249.6	11,400	225
230	9.0	191.0	9,200	15.6	215.4	11,200	22.0	238.0	10,800	230
232	4.2	172.7	7,800	12.5	204.0	10,500	20.2	231.5	10,600	232
237				5.0	175.3	8,500	15.8	215.4	10,000	237
240							13.2	205.8	9,700	240
245							4.3	171.9	8,900	245
250										250
253										253

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



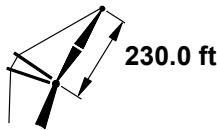
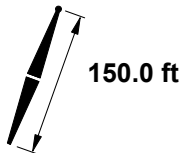
	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
67										67
70										70
75										75
80										80
85										85
90										90
95										95
99										99
100										100
105										105
110										110
115										115
117	68.0	359.0	33,000							117
120	67.1	357.7	31,800							120
125	65.7	355.5	29,900							125
130	64.3	353.1	28,100							130
135	62.8	350.6	26,500							135
140	61.3	347.9	25,000							140
145	59.8	345.0	23,600							145
147	59.2	343.8	23,100	63.0	347.9	19,900				147
150	58.3	342.0	22,300	62.1	346.4	19,200				150
155	56.7	338.8	21,100	60.6	343.6	18,100				155
160	55.2	335.3	20,000	59.1	340.7	17,100				160
165	53.6	331.7	19,000	57.6	337.5	16,100				165
170	51.9	327.9	18,000	56.0	334.2	15,200				170
175	50.2	323.8	17,100	54.4	330.7	14,400				175
176	49.9	322.9	16,900	54.1	330.0	14,200	58.0	334.3	10,800	176
180	48.5	319.4	16,200	52.8	327.0	13,500	56.8	331.7	10,200	180
185	46.7	314.8	15,400	51.2	323.0	12,700	55.2	328.3	9,500	185
190	44.9	309.9	14,600	49.5	318.8	11,900	53.6	324.7	8,800	190
195	43.0	304.7	13,900	47.7	314.4	11,200	52.0	320.8	8,200	195
200	41.1	299.0	13,200	45.9	309.6	10,500	50.3	316.8	7,600	200
205	39.0	293.0	12,500	44.1	304.5	9,900	48.6	312.4	7,000	205
210	36.9	286.5	11,900	42.1	299.1	9,200	46.8	307.8	6,400	210
215	34.6	279.5	11,300	40.2	293.3	8,600	45.0	302.9	5,900	215
220	32.3	271.8	10,700	38.1	287.1	8,000	43.1	297.7	5,400	220
225	29.7	263.4	10,100	35.9	280.4	7,500				225
230	26.9	254.0	9,600	33.6	273.1	7,000				230
232	25.6	249.3	9,400	32.6	269.7	6,800				232
237	22.3	237.7	8,800	30.0	261.3	6,300				237
240	20.3	230.8	8,500	28.5	256.2	6,000				240
245	16.1	215.3	7,900	25.6	246.3	5,500				245
250	10.2	193.3	7,400							250
253	3.2	166.3	7,000							253

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



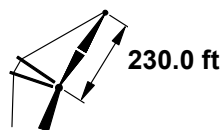
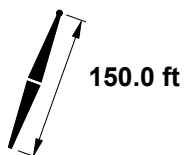
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
70	75.8	380.7	30,100							70
75	74.6	379.4	29,800							75
80	73.3	377.9	29,400							80
83	72.5	376.9	29,100	73.8	378.2	34,000				83
85	71.9	376.3	29,000	73.3	377.6	33,900				85
90	70.6	374.6	28,600	72.0	376.0	33,700				90
95	69.3	372.7	28,200	70.7	374.3	33,500				95
100	68.0	370.7	27,800	69.4	372.4	33,300				100
102	67.4	369.9	27,600	68.8	371.6	33,200	70.9	373.7	32,700	102
105	66.6	368.6	27,400	68.0	370.5	33,000	70.1	372.6	32,600	105
110	65.2	366.3	27,000	66.7	368.3	32,400	68.8	370.7	32,500	110
115	63.9	363.9	26,600	65.3	366.1	31,400	67.4	368.7	32,400	115
120	62.5	361.3	25,600	63.9	363.7	30,300	66.1	366.5	32,300	120
121	62.2	360.8	25,400	63.6	363.2	30,100	65.8	366.0	32,200	121
125	61.0	358.6	24,600	62.5	361.1	29,200	64.7	364.2	31,900	125
130	59.6	355.7	23,600	61.1	358.4	28,100	63.3	361.7	30,000	130
135	58.1	352.7	22,500	59.7	355.5	27,000	61.9	359.1	28,300	135
140	56.7	349.4	21,600	58.2	352.5	26,000	60.5	356.3	26,700	140
145	55.1	346.0	20,600	56.7	349.2	24,900	59.0	353.3	25,300	145
150	53.6	342.4	19,800	55.2	345.8	23,900	57.6	350.2	23,900	150
152	53.0	340.8	19,400	54.6	344.4	23,500	57.0	348.9	23,400	152
155	52.0	338.5	18,900	53.7	342.2	22,900	56.1	346.9	22,700	155
160	50.4	334.5	18,100	52.1	338.4	22,000	54.5	343.4	21,500	160
165	48.8	330.2	17,300	50.5	334.3	21,000	53.0	339.7	20,400	165
170	47.1	325.6	16,500	48.9	330.0	20,100	51.4	335.8	19,400	170
175	45.4	320.8	15,800	47.2	325.5	19,300	49.8	331.6	18,400	175
180	43.6	315.6	15,200	45.4	320.6	18,400	48.1	327.2	17,500	180
182	42.8	313.4	14,900	44.7	318.6	18,100	47.4	325.3	17,100	182
185	41.7	310.1	14,600	43.7	315.5	17,600	46.4	322.5	16,600	185
190	39.8	304.3	14,000	41.8	310.0	16,900	44.7	317.6	15,800	190
195	37.8	298.0	13,500	39.9	304.2	16,300	42.9	312.3	15,000	195
200	35.7	291.2	13,000	37.9	297.9	15,600	41.0	306.6	14,300	200
210	31.1	275.9	12,100	33.6	283.9	14,200	37.0	294.1	12,900	210
215	28.6	267.1	11,700	31.3	275.9	13,600	34.9	287.2	12,300	215
220	25.9	257.2	11,400	28.7	267.1	12,900	32.6	279.6	11,700	220
230	19.3	232.8	10,700	23.0	246.2	11,700	27.6	262.1	10,500	230
240	8.8	191.8	7,600	15.2	216.7	9,900	21.5	239.8	9,500	240
242	4.1	173.0	6,400	12.8	207.2	9,200	20.0	234.1	9,300	242
245				9.1	192.9	8,100	17.7	225.6	9,000	245
247				4.8	175.7	7,000	15.8	218.1	8,800	247
250							12.9	206.9	8,500	250
255							4.2	172.2	7,400	255
260										260
263										263

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



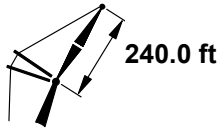
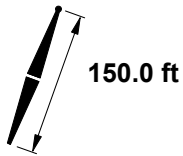
	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
70										70
75										75
80										80
83										83
85										85
90										90
95										95
100										100
102										102
105										105
110										110
115										115
120										120
121	67.9	368.1	31,000							121
125	66.8	366.4	29,500							125
130	65.5	364.2	27,800							130
135	64.1	361.8	26,200							135
140	62.7	359.3	24,700							140
145	61.3	356.6	23,300							145
150	59.8	353.7	22,000							150
152	59.2	352.5	21,500	62.9	356.6	18,400				152
155	58.4	350.7	20,800	62.0	355.0	17,800				155
160	56.9	347.5	19,700	60.6	352.3	16,800				160
165	55.4	344.1	18,700	59.2	349.3	15,800				165
170	53.8	340.5	17,700	57.7	346.2	14,800				170
175	52.3	336.7	16,800	56.2	342.9	13,900				175
180	50.7	332.6	15,900	54.7	339.4	13,000				180
182	50.0	330.9	15,600	54.1	337.9	12,700	57.8	342.4	9,500	182
185	49.0	328.4	15,100	53.1	335.7	12,200	56.9	340.4	9,000	185
190	47.4	323.8	14,300	51.6	331.8	11,500	55.4	337.0	8,400	190
195	45.6	319.0	13,600	49.9	327.7	10,700	53.9	333.4	7,700	195
200	43.9	313.9	12,900	48.3	323.3	10,100	52.3	329.6	7,100	200
210	40.1	302.7	11,600	44.8	313.8	8,800	49.1	321.4	6,000	210
215	38.1	296.5	11,000	43.0	308.5	8,200	47.4	316.8	5,400	215
220	36.0	289.8	10,400	41.2	302.9	7,600				220
230	31.5	274.7	9,200	37.2	290.5	6,500				230
240	26.3	256.3	8,100	32.8	276.0	5,600				240
242	25.1	251.9	7,900	31.9	272.7	5,400				242
245	23.3	245.3	7,500	30.4	267.8	5,100				245
247	21.9	240.2	7,300							247
250	19.9	232.5	7,000							250
255	15.7	216.6	6,500							255
260	10.0	194.1	6,100							260
263	3.1	166.6	5,700							263

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



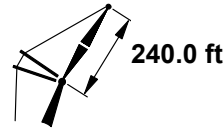
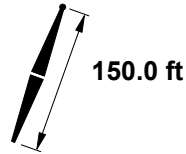
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
73	76.0	390.6	26,900							73
75	75.5	390.0	26,800							75
80	74.3	388.7	26,600							80
85	73.0	387.2	26,400							85
87	72.5	386.5	26,300	73.8	387.8	29,500				87
90	71.8	385.6	26,100	73.1	386.9	29,500				90
95	70.5	383.8	25,700	71.8	385.3	29,500				95
100	69.2	381.9	25,400	70.6	383.5	29,500				100
105	67.9	380.0	25,000	69.3	381.7	29,500				105
106	67.7	379.5	25,000	69.0	381.3	29,400	71.0	383.3	29,100	106
110	66.6	377.8	24,700	68.0	379.7	29,300	70.0	381.9	29,000	110
115	65.3	375.6	24,400	66.7	377.6	29,100	68.7	380.0	28,800	115
120	64.0	373.2	24,100	65.4	375.3	28,900	67.4	377.9	28,700	120
125	62.7	370.6	23,700	64.1	372.9	28,000	66.1	375.7	28,600	125
126	62.4	370.1	23,600	63.8	372.4	27,900	65.9	375.3	28,500	126
130	61.3	367.9	23,000	62.7	370.4	27,200	64.8	373.4	28,400	130
135	59.9	365.1	22,100	61.4	367.7	26,200	63.5	371.0	28,000	135
140	58.5	362.1	21,200	60.0	364.9	25,300	62.1	368.4	26,400	140
145	57.1	358.9	20,400	58.6	361.9	24,400	60.8	365.6	24,900	145
150	55.7	355.5	19,500	57.2	358.7	23,500	59.4	362.7	23,600	150
155	54.2	352.0	18,700	55.8	355.3	22,600	58.0	359.6	22,300	155
158	53.3	349.7	18,200	54.9	353.2	22,000	57.1	357.7	21,600	158
160	52.7	348.2	17,900	54.3	351.8	21,700	56.6	356.4	21,100	160
165	51.2	344.3	17,200	52.8	348.1	20,900	55.1	352.9	20,000	165
170	49.7	340.1	16,500	51.3	344.1	20,000	53.6	349.3	19,000	170
175	48.1	335.7	15,800	49.7	339.9	19,200	52.1	345.5	18,000	175
180	46.4	331.0	15,200	48.1	335.5	18,400	50.6	341.4	17,100	180
185	44.8	326.1	14,600	46.5	330.9	17,700	49.0	337.2	16,300	185
190	43.0	320.8	13,900	44.8	325.9	17,000	47.4	332.7	15,400	190
195	41.2	315.2	13,400	43.1	320.7	16,100	45.8	327.9	14,700	195
200	39.4	309.3	12,800	41.3	315.1	15,400	44.1	322.8	13,900	200
205	37.4	302.9	12,400	39.5	309.2	14,600	42.3	317.4	13,200	205
210	35.4	296.0	12,000	37.5	302.8	13,900	40.5	311.7	12,600	210
215	33.3	288.6	11,600	35.5	296.0	13,300	38.6	305.6	11,900	215
220	31.0	280.6	11,200	33.4	288.6	12,600	36.7	299.0	11,300	220
225	28.6	271.7	10,900	31.1	280.6	12,000	34.6	292.0	10,800	225
230	26.0	261.9	10,300	28.7	271.8	11,400	32.4	284.3	10,200	230
235	23.1	250.8	9,700	26.1	262.0	10,900	30.1	276.0	9,700	235
240	19.7	237.8	9,100	23.2	251.0	10,300	27.6	266.8	9,100	240
250	10.3	199.7	6,500	15.9	222.3	8,600	21.8	244.7	8,000	250
258				5.2	178.2	5,600	15.4	219.4	7,200	258
260							13.9	213.0	7,000	260
265							7.1	185.2	6,500	265
266							4.6	174.9	6,000	266

MLC250 S-2

ASME B30.5



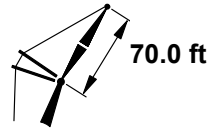
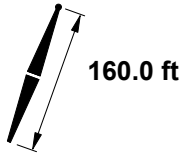
184,600 lb
+
44,000 lb



	80°			75°			
	ft	ft	lb	ft	ft	lb	
73							73
75							75
80							80
85							85
87							87
90							90
95							95
100							100
105							105
106							106
110							110
115							115
120							120
125							125
126	67.9	377.4	28,800				126
130	66.8	375.7	27,400				130
135	65.5	373.4	25,800				135
140	64.2	371.1	24,300				140
145	62.9	368.5	22,900				145
150	61.5	365.9	21,600				150
155	60.2	363.0	20,400				155
158	59.3	361.2	19,800	62.8	365.4	16,600	158
160	58.8	360.1	19,300	62.3	364.3	16,100	160
165	57.4	356.9	18,300	60.9	361.6	15,100	165
170	55.9	353.6	17,300	59.5	358.7	14,200	170
175	54.5	350.0	16,400	58.1	355.6	13,200	175
180	53.0	346.3	15,500	56.7	352.4	12,400	180
185	51.5	342.4	14,700	55.3	349.0	11,600	185
190	49.9	338.3	13,900	53.8	345.4	10,800	190
195	48.3	333.9	13,200	52.3	341.6	10,100	195
200	46.7	329.3	12,500	50.8	337.5	9,400	200
205	45.0	324.4	11,800	49.2	333.3	8,800	205
210	43.3	319.2	11,100	47.6	328.8	8,100	210
215	41.5	313.6	10,400	45.9	324.1	7,600	215
220	39.7	307.7	9,800	44.2	319.0	7,000	220
225	37.7	301.4	9,200	42.5	313.7	6,400	225
230	35.7	294.6	8,600	40.7	308.0	5,900	230
235	33.6	287.3	8,100	38.8	301.9	5,400	235
240	31.4	279.4	7,500				240
250	26.4	261.0	6,500				250
258	21.5	242.2	5,800				258
260	20.3	237.5	5,600				260
265	16.4	222.1	5,100				265
266							266

MLC250 S-2

ASME B30.5



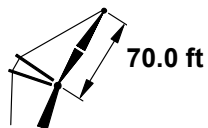
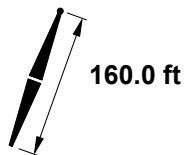
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
34	73.5	234.7	117,600 d						34	
36	71.7	234.1	115,800 d						36	
38	70.0	233.3	114,000 d						38	
39	69.1	232.9	113,000 d	74.0	234.6	130,800 d			39	
40	68.2	232.5	112,100 d	73.1	234.2	129,200 d			40	
45	63.7	230.2	107,900 b	68.7	232.4	121,000 d			45	
50	59.0	227.3	104,400 b	64.2	230.1	113,300 b			50	
51	58.0	226.7	103,400 b	63.3	229.6	111,900 b	70.8	232.4	118,000 d	
55	54.0	223.9	99,400	59.5	227.3	106,300 b	67.2	230.8	106,900 c	
60	48.7	219.7	90,700	54.6	224.0	100,100	62.7	228.3	95,500 b	
63	45.2	216.7	86,200	51.4	221.5	94,300	59.8	226.5	89,900 b	
65	42.9	214.7	83,200	49.3	219.9	90,400	57.9	225.3	86,200 b	
70	36.3	208.4	76,700	43.6	215.0	82,200	52.9	221.8	78,400	
75	28.4	200.2	71,600	37.1	208.9	75,200	47.5	217.4	71,700	
80	17.5	187.8	68,800	29.4	200.9	69,200	41.5	212.2	66,000	
82	10.0	178.9	62,100	25.3	196.2	67,100	38.8	209.5	64,100	
85				19.0	189.2	64,000	34.7	205.5	61,100	
88				7.3	175.3	61,000	29.7	200.2	58,400	
90							26.4	196.7	56,700	
95							13.9	182.3	52,700	
96							9.4	176.9	51,900	
100									100	
105									105	
110									110	
115									115	
118									118	
120									120	
125									125	
130									130	
131									131	
135									135	
140									140	
144									144	

MLC250 S-2

ASME B30.5



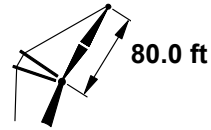
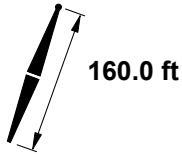
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
34													34
36													36
38													38
39													39
40													40
45													45
50													50
51													51
55													55
60													60
63	67.5	229.5	85,300 c										63
65	65.7	228.6	81,900 b										65
70	61.1	226.0	74,500 b										70
75	56.2	222.8	68,200										75
80	51.1	219.0	62,800										80
82	48.8	217.1	60,900	62.6	223.7	55,600 b							82
85	45.5	214.4	58,100	59.7	221.9	53,000 b							85
88	41.8	211.0	55,600	56.8	219.9	50,800 b							88
90	39.3	208.7	53,900	54.8	218.6	49,300							90
95	32.1	201.4	50,300	49.5	214.6	45,900							95
96	30.2	199.4	49,600	48.4	213.6	45,300							96
100	22.9	191.4	46,900	43.8	209.7	42,900	58.0	216.5	38,800 b				100
105	2.1	166.6	43,700	37.4	203.6	40,200	53.0	212.9	36,400				105
110				29.8	195.8	37,700	47.6	208.6	34,200				110
115				19.5	184.3	35,500	41.7	203.3	32,100				115
118				8.5	171.3	34,100	37.6	199.4	31,000	52.8	207.2	27,700	118
120							34.9	196.7	30,300	50.7	205.6	27,100	120
125							26.6	188.0	28,500	45.1	200.9	25,600	125
130							14.3	173.8	26,900	38.8	195.1	24,100	130
131							10.0	168.6	26,500	37.4	193.6	23,900	131
135										31.5	187.7	22,800	135
140										22.1	177.4	21,500	140
144										9.0	161.9	20,500	144

MLC250 S-2

ASME B30.5



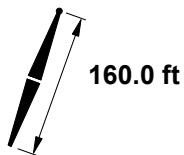
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
34	75.6	245.2	107,900 d							34
36	74.1	244.6	106,400 d							36
38	72.6	244.0	104,900 d							38
40	71.1	243.3	103,300 c							40
42	69.5	242.5	101,800 c	73.8	244.1	118,000 d				42
45	67.2	241.3	99,500 b	71.5	243.1	116,200 d				45
50	63.3	238.9	96,100 b	67.7	241.1	109,300 b				50
54	59.9	236.6	93,700 b	64.5	239.3	104,100 b	71.0	241.9	109,000 c	54
55	59.1	236.0	93,200	63.7	238.8	102,800 b	70.2	241.6	106,400 c	55
60	54.8	232.6	87,700	59.6	236.0	96,900	66.4	239.5	95,000 b	60
65	50.2	228.7	80,100	55.3	232.7	90,000	62.4	237.0	85,700	65
67	48.3	226.8	77,400	53.5	231.1	86,800	60.7	235.8	82,600	67
70	45.3	224.0	73,500	50.8	228.8	81,900	58.2	234.0	77,900	70
75	39.9	218.4	67,900	45.9	224.2	75,000	53.8	230.5	71,300	75
80	33.8	211.5	63,100	40.6	218.7	69,000	49.2	226.4	65,700	80
85	26.5	202.6	59,400	34.6	212.0	63,800	44.2	221.6	60,700	85
87	22.4	197.2	58,600	31.7	208.5	62,000	42.0	219.2	59,000	87
90	16.2	189.2	57,500	27.4	203.4	59,300	38.7	215.7	56,400	90
92	9.3	179.6	54,700	23.6	198.3	57,600	36.1	212.8	54,900	92
95				17.7	190.8	55,200	32.4	208.4	52,600	95
98				6.8	175.8	52,900	27.7	202.7	50,500	98
100							24.6	198.9	49,100	100
105							12.9	183.3	46,000	105
106							8.7	177.6	45,300	106
110										110
115										115
120										120
124										124
125										125
128										128
130										130
135										135
140										140
141										141
145										145
150										150
154										154

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



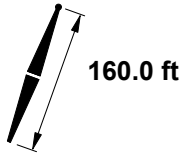
	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
34													34
36													36
38													38
40													40
42													42
45													45
50													50
54													54
55													55
60													60
65													65
67	67.4	238.7	78,200 b										67
70	65.0	237.3	73,900 b										70
75	60.9	234.7	67,700										75
80	56.7	231.5	62,300										80
85	52.3	227.8	57,600										85
87	50.4	226.1	56,000	62.2	232.3	50,800							87
90	47.5	223.5	53,500	59.8	230.6	48,700							90
92	45.4	221.4	52,000	58.0	229.3	47,300							92
95	42.3	218.3	49,900	55.5	227.3	45,300							95
98	38.9	214.5	47,900	52.8	225.0	43,500							98
100	36.6	212.0	46,600	50.9	223.5	42,400							100
105	29.9	204.1	43,700	46.1	218.9	39,700							105
106	28.2	201.9	43,100	45.0	217.8	39,200	57.4	224.5	35,300				106
110	21.3	193.2	41,000	40.8	213.4	37,300	53.9	221.7	33,500				110
115	1.8	166.6	38,400	34.8	206.8	35,100	49.3	217.6	31,500				115
120				27.7	198.2	33,100	44.3	212.7	29,700				120
124				20.1	188.3	31,600	39.9	208.0	28,400	52.9	215.2	25,200	124
125				18.2	185.9	31,200	38.8	206.9	28,100	51.9	214.4	24,900	125
128				7.9	171.9	30,000	35.0	202.5	27,100	49.1	211.8	24,100	128
130							32.5	199.7	26,500	47.2	210.0	23,500	130
135							24.8	190.2	25,100	42.0	204.8	22,200	135
140							13.3	174.9	23,600	36.2	198.4	21,000	140
141							9.3	169.4	23,300	34.8	196.8	20,800	141
145										29.4	190.4	19,900	145
150										20.6	179.2	18,800	150
154										8.3	162.6	17,900	154

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



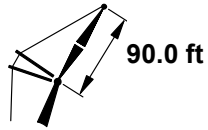
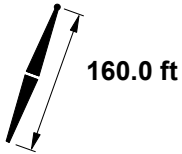
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
36	75.9	255.0	97,900 d						36	
38	74.6	254.4	96,700 d						38	
40	73.3	253.8	95,400 c						40	
45	69.9	252.1	92,100 b	73.6	253.6	111,900 d			45	
50	66.4	250.0	89,000 b	70.3	251.9	105,700 b			50	
55	62.9	247.5	86,200	66.8	249.9	99,800 b			55	
58	60.7	245.8	84,700	64.7	248.4	96,500 b	70.5	251.1	98,900 b	
60	59.2	244.7	83,700	63.3	247.5	94,200	69.1	250.4	94,700 b	
65	55.4	241.4	77,500	59.7	244.7	89,100	65.7	248.2	85,400	
70	51.4	237.5	71,100	55.9	241.4	81,600	62.1	245.6	77,600	
75	47.1	233.1	65,500	51.9	237.6	74,700	58.4	242.7	71,000	
80	42.6	227.9	60,600	47.6	233.3	68,800	54.5	239.3	65,400	
85	37.5	221.8	56,300	43.1	228.2	63,700	50.5	235.3	60,500	
90	31.8	214.3	52,700	38.1	222.2	59,200	46.2	230.7	56,200	
91	30.4	212.4	52,100	37.0	220.7	58,400	45.2	229.7	55,400	
95	24.9	204.8	50,000	32.5	214.9	55,200	41.5	225.4	52,400	
100	15.3	190.4	48,000	25.8	205.6	51,600	36.3	219.0	49,000	
102	8.7	180.3	48,000	22.1	200.3	50,300	34.0	215.9	47,800	
105				16.7	192.2	48,300	30.4	211.2	45,900	
108				6.3	176.3	46,400	26.1	205.0	44,300	
110							23.1	200.9	43,100	
111							20.9	197.6	42,600	
115							12.1	184.3	40,600	
116							8.2	178.3	40,000	
120									120	
125									125	
130									130	
135									135	
138									138	
140									140	
145									145	
150									150	
151									151	
155									155	
160									160	
164									164	

MLC250 S-2

ASME B30.5



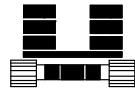
184,600 lb
+
44,000 lb



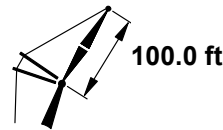
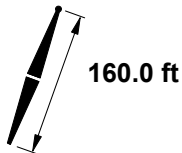
	80°			75°			70°			65°			
36													36
38													38
40													40
45													45
50													50
55													55
58													58
60													60
65													65
70	67.9	248.3	73,600 b										70
75	64.4	246.0	67,300										75
80	60.8	243.3	61,900										80
85	57.1	240.2	57,300										85
90	53.2	236.6	53,200										90
91	52.3	235.8	52,500	62.7	241.5	47,600							91
95	49.0	232.5	49,600	59.8	239.3	44,900							95
100	44.6	227.6	46,400	56.0	236.0	42,000							100
102	42.7	225.3	45,200	54.4	234.5	40,900							102
105	39.8	221.9	43,500	52.0	232.3	39,400							105
108	36.5	217.9	41,900	49.5	229.7	37,900							108
110	34.4	215.1	40,900	47.8	228.0	37,000							110
111	33.1	213.4	40,400	46.9	226.9	36,500	57.7	233.2	32,700				111
115	28.1	206.6	38,500	43.3	222.9	34,800	54.6	230.4	31,200				115
116	26.5	204.3	38,000	42.3	221.7	34,400	53.8	229.6	30,800				116
120	20.0	195.0	36,300	38.3	216.9	32,800	50.6	226.5	29,400				120
125	1.6	166.6	34,100	32.7	209.7	31,000	46.3	221.9	27,700				125
130				26.1	200.5	29,300	41.6	216.6	26,200	52.9	223.2	23,100	130
135				17.1	187.3	27,700	36.5	210.2	24,800	48.7	219.0	21,900	135
138				7.4	172.5	26,700	32.9	205.5	24,000	46.1	216.1	21,200	138
140							30.6	202.4	23,500	44.3	214.1	20,700	140
145							23.3	192.2	22,200	39.4	208.4	19,600	145
150							12.5	175.9	21,000	34.0	201.5	18,600	150
151							8.7	170.1	20,800	32.7	199.8	18,400	151
155										27.6	192.8	17,600	155
160										19.4	180.9	16,600	160
164										7.8	163.2	15,800	164

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



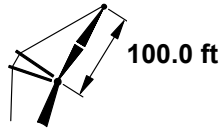
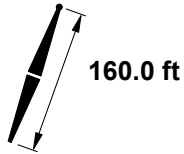
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
39	75.6	264.5	88,400 d							39
40	75.0	264.3	87,900 d							40
45	72.0	262.7	85,200 b							45
48	70.1	261.6	83,600 b	73.5	263.2	102,800 b				48
50	68.9	260.9	82,500 b	72.3	262.5	101,600 b				50
55	65.8	258.7	79,900	69.3	260.7	96,300 b				55
60	62.6	256.2	77,600	66.2	258.6	91,200				60
61	61.9	255.6	77,000	65.5	258.1	90,200	70.7	260.7	92,100 b	61
65	59.3	253.3	74,400	63.0	256.1	86,500	68.2	259.1	84,800	65
70	55.9	250.1	68,900	59.7	253.3	81,200	65.1	256.9	77,100	70
74	53.0	247.1	64,700	57.0	250.7	75,700	62.5	254.8	71,800	74
75	52.3	246.3	63,600	56.3	250.1	74,300	61.9	254.3	70,500	75
80	48.6	242.1	58,700	52.7	246.4	68,400	58.6	251.4	64,900	80
85	44.6	237.2	54,300	49.0	242.3	63,300	55.1	248.0	60,000	85
90	40.2	231.6	50,600	45.0	237.5	58,800	51.5	244.2	55,700	90
95	35.5	225.0	47,300	40.8	231.9	54,800	47.7	239.8	51,900	95
96	34.4	223.4	46,700	39.8	230.6	54,100	46.9	238.8	51,300	96
100	30.1	217.0	44,600	36.1	225.5	51,300	43.6	234.8	48,600	100
105	23.6	206.8	42,500	30.8	217.7	48,100	39.2	229.0	45,500	105
110	14.4	191.7	41,400	24.4	207.8	45,200	34.4	222.1	42,800	110
112		181.0	41,400	20.9	202.1	44,100	32.1	218.8	41,800	112
115				15.8	193.5	42,500	28.8	213.7	40,300	115
116				12.5	187.9	42,000	27.4	211.5	39,900	116
118				6.0	176.7	41,000	24.7	207.2	38,900	118
120							21.9	202.8	38,000	120
125							11.5	185.3	35,900	125
126							7.7	178.9	35,400	126
130										130
135										135
136										136
140										140
145										145
148										148
150										150
155										155
160										160
161										161
165										165
170										170
174										174

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



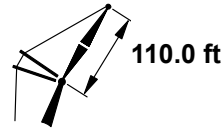
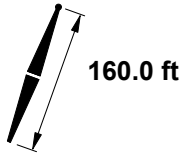
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
39													39
40													40
45													45
48													48
50													50
55													55
60													60
61													61
65													65
70													70
74	67.8	257.5	67,900										74
75	67.2	257.0	66,700										75
80	64.0	254.7	61,400										80
85	60.7	252.0	56,700										85
90	57.4	248.9	52,700										90
95	53.9	245.4	49,100										95
96	53.1	244.6	48,400	62.4	250.2	43,700							96
100	50.2	241.4	45,900	59.8	247.9	41,400							100
105	46.3	236.8	43,000	56.4	244.7	38,800							105
110	42.2	231.5	40,400	52.9	241.1	36,400							110
112	40.3	229.1	39,500	51.4	239.4	35,500							112
115	37.6	225.4	38,000	49.1	236.9	34,200							115
116	36.6	223.9	37,600	48.3	236.0	33,900	58.0	241.8	30,100				116
118	34.6	221.0	36,800	46.8	234.1	33,100	56.6	240.5	29,400				118
120	32.5	218.1	35,900	45.2	232.2	32,300	55.2	239.1	28,700				120
125	26.6	209.0	33,900	40.9	226.7	30,500	51.6	235.3	27,100				125
126	25.1	206.5	33,500	40.0	225.4	30,200	50.8	234.4	26,800				126
130	19.0	196.6	32,100	36.2	220.2	28,800	47.8	230.9	25,600				130
135	1.5	166.6	30,200	31.0	212.5	27,300	43.7	226.0	24,200				135
136				29.7	210.5	27,000	42.8	224.8	24,000	52.9	231.2	21,000	136
140				24.7	202.7	25,900	39.3	220.2	22,900	49.9	228.0	20,000	140
145				16.1	188.7	24,500	34.5	213.3	21,700	46.0	223.3	19,000	145
148				7.0	173.0	23,700	31.1	208.3	21,100	43.5	220.1	18,400	148
150							28.9	205.0	20,600	41.9	218.0	18,000	150
155							22.1	194.1	19,500	37.3	211.8	17,000	155
160							11.8	176.9	18,500	32.2	204.4	16,100	160
161							8.2	170.7	18,300	31.0	202.5	16,000	161
165										26.1	195.1	15,300	165
170										18.3	182.4	14,500	170
174										7.4	163.8	13,800	174

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



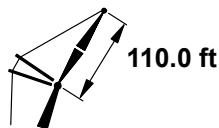
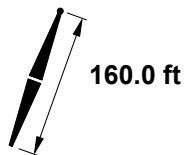
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
41	75.8	274.4	80,700 c							41
45	73.7	273.2	78,900 b							45
50	70.9	271.5	77,700 b	74.0	273.0	94,000 b				50
55	68.1	269.6	74,400	71.2	271.4	92,500				55
60	65.3	267.4	72,300	68.5	269.5	88,300				60
64	62.9	265.4	70,700	66.2	267.7	84,800	70.9	270.2	86,400	64
65	62.4	264.9	70,300	65.6	267.3	83,900	70.3	269.9	84,700	65
70	59.4	262.0	66,500	62.7	264.8	79,700	67.5	267.9	76,900	70
75	56.3	258.8	61,700	59.7	262.0	74,200	64.7	265.6	70,400	75
78	54.3	256.6	59,100	57.9	260.1	70,700	62.9	264.0	67,000	78
80	53.0	255.1	57,300	56.6	258.8	68,300	61.7	263.0	64,800	80
85	49.7	251.0	52,900	53.4	255.2	63,200	58.7	260.0	59,900	85
90	46.1	246.4	49,200	50.1	251.2	58,700	55.6	256.7	55,600	90
95	42.4	241.2	45,900	46.5	246.6	54,800	52.3	253.0	51,900	95
100	38.3	235.1	42,900	42.8	241.4	51,200	48.9	248.8	48,500	100
105	33.8	228.1	40,400	38.8	235.5	48,000	45.3	244.0	45,500	105
110	28.6	219.6	38,200	34.3	228.6	45,000	41.5	238.6	42,800	110
115	22.4	208.8	36,600	29.3	220.3	42,400	37.3	232.4	40,300	115
120	13.7	192.8	35,900	23.2	209.8	40,200	32.7	225.1	38,000	120
122	7.8	181.6	35,900	19.9	203.8	39,300	30.6	221.5	37,200	122
125				15.0	194.8	38,000	27.4	216.2	36,000	125
128				5.6	177.2	36,700	23.5	209.2	34,800	128
130							20.8	204.6	34,000	130
135							10.9	186.2	32,200	135
136							7.3	179.5	31,800	136
140										140
142										142
145										145
150										150
155										155
158										158
160										160
165										165
170										170
171										171
175										175
180										180
184										184

MLC250 S-2

ASME B30.5



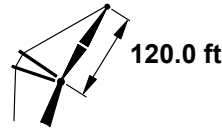
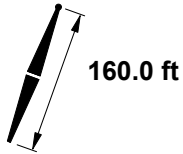
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
41													41
45													45
50													50
55													55
60													60
64													64
65													65
70													70
75													75
78	67.7	266.6	63,300										78
80	66.5	265.7	61,200										80
85	63.6	263.4	56,600										85
90	60.7	260.6	52,500										90
95	57.6	257.6	48,900										95
100	54.5	254.1	45,700	62.8	259.4	41,200							100
105	51.2	250.2	42,900	59.8	256.6	38,600							105
110	47.7	245.8	40,300	56.7	253.4	36,200							110
115	44.0	240.9	38,000	53.5	249.8	34,100							115
120	40.1	235.2	35,800	50.2	245.8	32,200							120
122	38.4	232.6	35,000	48.8	244.0	31,400	57.5	249.9	27,900				122
125	35.8	228.6	33,900	46.7	241.3	30,400	55.6	247.8	26,900				125
128	32.9	223.9	32,800	44.4	238.2	29,400	53.7	245.6	26,000				128
130	31.0	220.8	32,100	42.9	236.1	28,700	52.4	244.1	25,500				130
135	25.3	211.2	30,400	38.9	230.2	27,200	49.0	239.9	24,100				135
136	23.8	208.6	30,100	38.0	228.8	26,900	48.3	239.0	23,800				136
140	18.0	198.2	28,800	34.5	223.3	25,800	45.4	235.2	22,800				140
142	11.3	185.5	28,200	32.5	220.1	25,300	43.9	233.0	22,300	52.9	239.2	19,400	142
145	1.3	166.6	27,200	29.5	215.1	24,500	41.6	229.8	21,600	50.9	236.8	18,800	145
150				23.5	204.8	23,300	37.4	223.6	20,500	47.5	232.4	17,800	150
155				15.4	190.0	22,100	32.8	216.3	19,500	43.8	227.4	16,900	155
158				6.6	173.5	21,400	29.6	211.0	18,900	41.4	224.0	16,400	158
160							27.5	207.4	18,500	39.8	221.7	16,000	160
165							21.0	196.0	17,600	35.5	215.0	15,200	165
170							11.2	177.8	16,600	30.6	207.1	14,400	170
171							7.8	171.4	16,400	29.5	205.2	14,300	171
175										24.9	197.3	13,700	175
180										17.4	183.9	12,900	180
184										7.0	164.3	12,300	184

MLC250 S-2

ASME B30.5



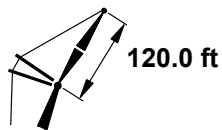
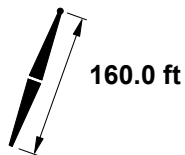
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
44	75.6	283.9	73,300 b							44
45	75.1	283.6	72,900 b							45
50	72.6	282.1	72,100 b							50
53	71.1	281.1	70,300 b	73.9	282.6	85,600 b				53
55	70.1	280.4	69,100	72.9	281.9	85,300				55
60	67.5	278.4	68,200	70.3	280.2	83,700				60
65	64.9	276.1	65,500	67.8	278.2	81,000				65
67	63.8	275.1	65,100	66.7	277.3	79,200	71.0	279.8	80,900	67
70	62.2	273.5	64,300	65.2	276.0	76,500	69.5	278.7	76,400	70
75	59.4	270.7	59,900	62.5	273.5	71,900	66.9	276.6	69,900	75
80	56.6	267.5	55,700	59.7	270.6	67,200	64.3	274.3	64,300	80
82	55.4	266.0	54,300	58.6	269.4	65,500	63.2	273.2	62,300	82
85	53.7	263.9	52,000	56.9	267.5	62,800	61.6	271.6	59,400	85
90	50.6	259.9	48,500	54.0	264.0	58,300	58.8	268.7	55,100	90
95	47.4	255.5	45,000	51.0	260.0	54,400	56.0	265.4	51,400	95
100	44.0	250.5	42,000	47.8	255.6	50,800	53.0	261.8	48,000	100
105	40.4	244.9	39,300	44.4	250.7	47,400	49.9	257.7	45,000	105
110	36.6	238.4	37,000	40.9	245.2	44,300	46.7	253.1	42,300	110
115	32.3	231.0	35,000	37.0	238.9	41,500	43.3	248.0	39,900	115
120	27.4	222.0	33,300	32.8	231.5	39,100	39.6	242.2	37,600	120
125	21.4	210.7	32,100	28.0	222.8	37,000	35.7	235.6	35,600	125
127	18.1	204.0	31,900	25.7	218.4	36,400	33.9	232.5	34,800	127
130	13.1	194.0	31,600	22.2	211.8	35,400	31.2	227.9	33,700	130
132	7.4	182.2	31,600	19.0	205.5	34,800	29.2	224.1	33,000	132
135				14.3	196.1	33,900	26.2	218.5	31,900	135
138				5.4	177.6	32,700	22.4	211.2	31,000	138
140							19.9	206.4	30,300	140
145							10.4	187.1	28,700	145
146							7.0	180.0	28,400	146
148										148
150										150
155										155
160										160
165										165
168										168
170										170
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MLC250 S-2

ASME B30.5



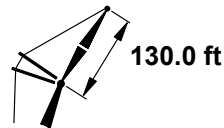
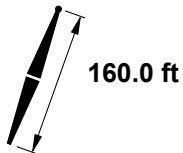
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
44													44
45													45
50													50
53													53
55													55
60													60
65													65
67													67
70													70
75													75
80													80
82	67.6	275.8	58,700										82
85	66.0	274.5	56,000										85
90	63.3	272.0	52,000										90
95	60.6	269.3	48,400										95
100	57.8	266.2	45,200										100
105	54.9	262.8	42,400	62.6	268.1	38,000							105
110	51.9	259.0	39,800	59.8	265.3	35,600							110
115	48.8	254.8	37,500	57.0	262.1	33,500							115
120	45.5	250.1	35,400	54.1	258.6	31,600							120
125	42.0	244.7	33,400	51.1	254.7	29,800							125
127	40.5	242.3	32,700	49.8	252.9	29,200	57.7	258.5	25,700				127
130	38.3	238.7	31,600	47.9	250.3	28,200	56.0	256.5	24,800				130
132	36.6	235.9	31,000	46.6	248.4	27,600	54.8	255.1	24,300				132
135	34.2	231.7	30,000	44.6	245.4	26,700	53.1	252.9	23,500				135
138	31.4	226.8	29,100	42.4	242.1	25,900	51.2	250.5	22,700				138
140	29.6	223.5	28,400	41.0	239.9	25,300	50.0	248.8	22,200				140
145	24.2	213.3	27,000	37.2	233.6	24,000	46.8	244.3	21,000				145
146	22.8	210.6	26,700	36.3	232.1	23,800	46.1	243.3	20,800				146
148	20.0	205.1	26,200	34.6	229.2	23,300	44.7	241.2	20,400	52.9	247.2	17,500	148
150	17.2	199.7	25,600	32.9	226.3	22,800	43.3	239.2	20,000	51.7	245.7	17,200	150
155	1.2	166.6	24,200	28.2	217.6	21,700	39.7	233.4	18,900	48.6	241.4	16,300	155
160				22.4	206.7	20,600	35.7	226.8	18,000	45.3	236.6	15,400	160
165				14.7	191.3	19,600	31.3	219.1	17,100	41.8	231.2	14,600	165
168				6.3	174.1	18,900	28.3	213.5	16,600	39.5	227.6	14,100	168
170							26.3	209.8	16,200	38.0	225.1	13,800	170
175							20.1	197.7	15,400	33.9	218.1	13,100	175
180							10.7	178.7	14,600	29.2	209.7	12,400	180
181							7.4	172.0	14,400	28.1	207.7	12,300	181
185										23.8	199.4	11,800	185
190										16.6	185.4	11,100	190
194										6.7	164.9	10,600	194

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ASME B30.5



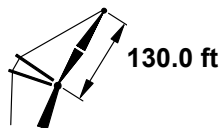
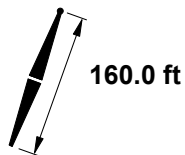
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
46	75.8	293.7	68,000 b						46	
50	74.0	292.6	66,900 b						50	
55	71.6	291.0	65,300						55	
56	71.2	290.6	64,800	73.8	292.1	78,400			56	
60	69.3	289.2	62,800	71.9	290.8	77,700			60	
65	66.9	287.1	62,100	69.6	289.0	76,200			65	
70	64.5	284.8	60,500	67.2	287.0	73,100			70	
71	64.0	284.3	60,000	66.7	286.5	72,300	70.7	289.0	74,600	71
75	62.0	282.2	58,000	64.8	284.7	69,000	68.8	287.4	69,500	75
80	59.5	279.3	54,100	62.3	282.1	65,000	66.4	285.3	63,900	80
85	56.9	276.1	50,500	59.8	279.3	60,900	63.9	282.9	59,000	85
90	54.2	272.6	47,300	57.2	276.2	57,100	61.5	280.3	54,800	90
95	51.4	268.8	44,200	54.5	272.7	53,400	58.9	277.4	51,000	95
100	48.5	264.5	41,200	51.7	268.9	49,900	56.3	274.1	47,700	100
105	45.4	259.7	38,500	48.8	264.6	46,800	53.6	270.5	44,700	105
109	42.8	255.4	36,700	46.4	260.8	44,400	51.3	267.4	42,500	109
110	42.2	254.4	36,200	45.8	259.9	43,800	50.7	266.6	42,000	110
115	38.8	248.4	34,100	42.6	254.7	40,900	47.8	262.2	39,500	115
120	35.1	241.6	32,200	39.2	248.8	38,400	44.7	257.3	37,300	120
125	30.9	233.7	30,600	35.5	242.1	36,200	41.5	251.8	35,300	125
130	26.3	224.3	29,200	31.4	234.3	34,200	38.0	245.7	33,400	130
132	24.0	219.6	28,800	29.6	230.7	33,500	36.5	242.9	32,700	132
135	20.6	212.5	28,300	26.8	225.2	32,500	34.2	238.7	31,700	135
140	12.6	195.0	27,900	21.3	213.6	31,200	30.0	230.5	30,100	140
142	7.1	182.8	27,900	18.3	207.1	30,900	28.0	226.6	29,500	142
145				13.7	197.2	30,400	25.1	220.7	28,600	145
148				5.1	178.0	29,200	21.5	213.1	27,700	148
150							19.1	208.0	27,200	150
154							11.8	191.9	26,100	154
155							10.0	187.9	25,800	155
156							6.7	180.6	25,500	156
160										160
165										165
170										170
175										175
178										178
180										180
185										185
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191										191
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204										204

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ASME B30.5



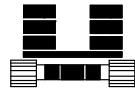
184,600 lb
+
44,000 lb



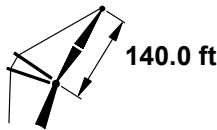
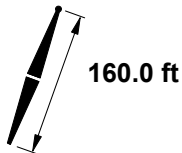
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
46													46
50													50
55													55
56													56
60													60
65													65
70													70
71													71
75													75
80													80
85													85
90	68.0	285.4	55,600										90
95	65.5	283.2	51,600										95
100	63.1	280.7	48,000										100
105	60.6	278.0	44,800										105
109	58.0	274.9	42,000										109
110	55.9	272.2	39,900	62.9	277.3	35,700							110
115	55.3	271.6	39,400	62.4	276.7	35,200							115
120	52.6	267.8	37,100	59.9	273.9	33,100							120
125	49.7	263.7	35,000	57.3	270.8	31,200							125
130	46.8	259.2	33,100	54.6	267.3	29,400							130
132	43.6	254.1	31,300	51.8	263.5	27,800	57.9	267.2	23,800				132
135	42.3	251.8	30,600	50.6	261.8	27,200	56.3	265.2	23,000				135
140	40.3	248.4	29,700	48.9	259.3	26,300	53.6	261.7	21,800				140
142	36.7	242.0	28,100	45.9	254.6	24,900	52.5	260.1	21,300				142
145	35.1	239.1	27,600	44.6	252.5	24,400							145
148	32.8	234.7	26,700	42.7	249.4	23,700	50.8	257.7	20,600				148
150	30.1	229.5	25,900	40.7	245.8	22,900	49.0	255.1	20,000				150
154	28.4	226.0	25,400	39.3	243.5	22,500	47.9	253.3	19,600				154
155	24.2	217.5	24,400	36.4	238.2	21,600	45.4	249.4	18,700	53.0	255.2	16,000	155
156	23.2	215.4	24,200	35.6	236.8	21,300	44.8	248.4	18,500	52.4	254.5	15,800	156
160	21.9	212.5	23,900	34.8	235.3	21,100	44.1	247.4	18,400	51.8	253.6	15,600	160
165	16.5	201.1	23,000	31.6	229.1	20,300	41.5	243.0	17,600	49.5	250.3	15,000	165
170	1.1	166.6	21,800	27.0	220.0	19,300	38.1	236.9	16,700	46.6	245.7	14,200	170
175				21.5	208.6	18,400	34.3	229.9	15,900	43.4	240.6	13,400	175
178				14.1	192.5	17,400	30.1	221.8	15,100	40.1	234.9	12,700	178
180				6.0	174.5	16,900	27.2	215.9	14,600	37.9	231.0	12,300	180
185							25.2	212.0	14,300	36.5	228.4	12,100	185
190							19.2	199.4	13,600	32.5	221.0	11,400	190
191							10.2	179.6	12,900	28.1	212.2	10,700	191
195							7.1	172.6	12,700	27.0	210.1	10,600	195
200										22.8	201.4	10,100	200
204										16.0	186.8	9,400	204
										6.4	165.4	8,900	204

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



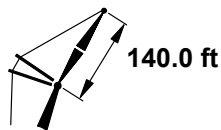
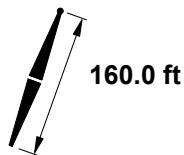
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
48	76.0	303.5	62,300 b							48
50	75.1	303.0	61,000 b							50
55	73.0	301.5	60,600							55
59	71.3	300.2	59,500	73.7	301.6	71,600				59
60	70.8	299.8	59,200	73.3	301.3	71,500				60
65	68.7	297.9	57,800	71.1	299.7	70,700				65
70	66.4	295.8	56,500	68.9	297.8	69,200				70
74	64.6	293.9	55,500	67.1	296.1	66,500	70.8	298.5	70,100	74
75	64.2	293.5	55,200	66.7	295.7	65,900	70.4	298.1	69,000	75
80	61.9	290.9	52,300	64.4	293.4	62,400	68.2	296.2	63,400	80
85	59.5	288.0	49,000	62.1	290.8	58,800	65.9	294.0	58,500	85
89	57.6	285.5	46,500	60.2	288.5	56,100	64.1	292.1	55,100	89
90	57.1	284.8	45,900	59.8	288.0	55,400	63.7	291.6	54,300	90
95	54.6	281.4	43,100	57.4	284.8	52,000	61.4	289.0	50,500	95
100	52.0	277.6	40,400	54.9	281.4	48,800	59.0	286.0	47,200	100
105	49.4	273.4	37,800	52.3	277.7	45,800	56.5	282.8	44,200	105
110	46.6	268.8	35,400	49.7	273.5	42,900	54.0	279.3	41,500	110
114	44.2	264.7	33,700	47.5	269.9	40,900	52.0	276.2	39,600	114
115	43.7	263.7	33,300	46.9	269.0	40,400	51.4	275.4	39,100	115
120	40.6	258.1	31,400	44.0	264.0	38,000	48.8	271.1	36,900	120
125	37.3	251.8	29,600	40.9	258.4	35,600	46.0	266.4	34,800	125
130	33.7	244.6	28,200	37.7	252.2	33,500	43.0	261.3	33,000	130
135	29.8	236.4	26,900	34.1	245.1	31,700	39.9	255.5	31,200	135
138	27.1	230.5	26,200	31.8	240.3	30,700	37.9	251.6	30,300	138
140	25.3	226.6	25,800	30.2	237.0	30,100	36.5	249.0	29,600	140
145	19.8	214.2	25,000	25.8	227.4	28,800	32.9	241.6	28,200	145
150	12.1	196.1	24,800	20.5	215.4	27,700	28.8	233.1	26,800	150
152	6.8	183.3	24,800	17.6	208.6	27,400	27.0	229.0	26,300	152
155				13.2	198.4	27,100	24.2	222.8	25,500	155
158				4.9	178.4	25,800	20.7	214.9	24,800	158
160							18.4	209.6	24,300	160
165							9.6	188.7	23,100	165
166							6.4	181.1	22,800	166
170										170
175										175
180										180
185										185
188										188
190										190
195										195
200										200
201										201
210										210
214										214

MLC250 S-2

ASME B30.5



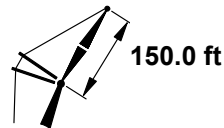
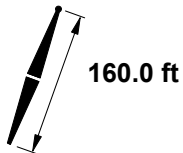
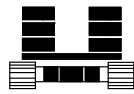
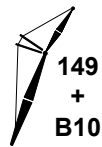
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
48													48
50													50
55													55
59													59
60													60
65													65
70													70
74													74
75													75
80													80
85													85
89	67.8	294.5	51,800										89
90	67.4	294.1	51,000										90
95	65.2	291.9	47,400										95
100	62.9	289.4	44,300										100
105	60.5	286.6	41,500										105
110	58.1	283.6	38,900										110
114	56.2	280.9	37,100	62.7	285.9	32,900							114
115	55.7	280.3	36,600	62.2	285.4	32,500							115
120	53.2	276.6	34,500	59.9	282.6	30,600							120
125	50.5	272.6	32,600	57.5	279.5	28,800							125
130	47.8	268.2	30,800	55.0	276.1	27,200							130
135	45.0	263.4	29,200	52.4	272.3	25,800							135
138	43.1	260.1	28,300	50.8	269.8	24,900	57.6	275.2	21,600				138
140	41.9	258.0	27,700	49.8	268.2	24,400	56.6	273.9	21,200				140
145	38.7	252.0	26,300	47.0	263.7	23,100	54.1	270.4	20,000				145
150	35.3	245.2	25,000	44.1	258.7	21,900	51.5	266.5	19,000				150
152	33.8	242.1	24,500	42.9	256.5	21,500	50.4	264.8	18,600				152
155	31.5	237.5	23,700	41.1	253.1	20,800	48.8	262.3	18,000				155
158	29.0	232.0	23,100	39.1	249.4	20,200	47.1	259.5	17,400				158
160	27.3	228.4	22,600	37.8	246.9	19,800	46.0	257.6	17,000	53.0	263.2	14,300	160
165	22.3	217.3	21,500	34.3	239.9	18,800	43.1	252.4	16,200	50.3	259.2	13,500	165
166	21.0	214.4	21,300	33.5	238.3	18,600	42.4	251.3	16,000	49.8	258.3	13,300	166
170	15.9	202.5	20,500	30.4	231.9	17,900	39.9	246.7	15,300	47.6	254.8	12,700	170
175	1.0	166.6	19,400	26.0	222.3	17,000	36.6	240.2	14,500	44.8	249.9	11,900	175
180				20.7	210.4	16,200	33.0	232.9	13,800	41.7	244.5	11,200	180
185				13.5	193.7	15,400	28.9	224.3	13,100	38.5	238.4	10,500	185
188				5.8	175.0	14,900	26.1	218.2	12,700	36.4	234.3	10,100	188
190							24.3	214.1	12,400	35.1	231.6	9,900	190
195							18.5	201.0	11,800	31.3	223.8	9,300	195
200							9.8	180.4	11,100	27.0	214.6	8,700	200
201							6.8	173.1	11,000	25.8	212.0	8,600	201
210										15.4	188.1	7,500	210
214										6.1	165.9	7,100	214

MLC250 S-2

ASME B30.5



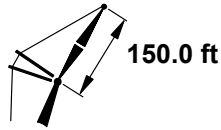
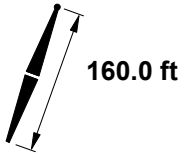
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
51	75.8	313.1	57,100 b						51	
55	74.2	312.0	56,200						55	
60	72.2	310.4	55,100						60	
61	71.8	310.1	54,800	74.0	311.5	65,700			61	
65	70.1	308.7	53,900	72.4	310.2	65,300			65	
70	68.1	306.7	52,100	70.4	308.5	64,500			70	
75	66.0	304.5	51,600	68.3	306.6	62,600			75	
77	65.2	303.6	51,000	67.5	305.7	61,400	70.9	308.1	64,100	77
80	63.9	302.1	49,900	66.3	304.4	59,700	69.7	306.9	63,200	80
85	61.7	299.5	47,500	64.1	302.1	56,600	67.6	304.9	58,300	85
90	59.5	296.6	44,700	62.0	299.5	53,500	65.6	302.7	54,100	90
93	58.2	294.8	43,000	60.7	297.7	51,700	64.3	301.3	51,800	93
95	57.3	293.5	41,900	59.8	296.6	50,600	63.4	300.3	50,400	95
100	55.0	290.1	39,400	57.5	293.5	47,600	61.3	297.6	47,000	100
105	52.6	286.4	37,100	55.2	290.1	44,900	59.0	294.7	44,000	105
110	50.1	282.3	34,900	52.9	286.4	42,100	56.8	291.5	41,300	110
115	47.6	277.8	32,700	50.4	282.4	39,600	54.5	288.0	38,900	115
118	46.0	274.9	31,600	48.9	279.8	38,300	53.0	285.7	37,600	118
120	44.9	273.0	30,800	47.9	278.0	37,400	52.1	284.2	36,700	120
125	42.1	267.6	29,100	45.2	273.2	35,200	49.6	280.1	34,700	125
130	39.1	261.7	27,500	42.4	267.9	33,100	47.0	275.5	32,800	130
135	36.0	255.1	26,100	39.5	262.0	31,300	44.3	270.5	31,100	135
140	32.5	247.6	24,900	36.3	255.5	29,600	41.5	265.1	29,500	140
143	30.2	242.4	24,300	34.3	251.1	28,700	39.7	261.4	28,600	143
145	28.7	239.0	23,800	32.9	248.1	28,100	38.5	259.0	28,000	145
150	24.4	228.7	23,000	29.2	239.6	26,700	35.2	252.2	26,700	150
155	19.1	215.9	22,400	24.9	229.6	25,600	31.7	244.5	25,400	155
160	11.7	197.1	22,200	19.8	217.2	24,800	27.8	235.6	24,200	160
162	6.6	183.8	22,200	17.0	210.1	24,600	26.0	231.3	23,700	162
165				12.7	199.4	24,300	23.3	224.9	23,000	165
166				10.1	192.5	23,900	22.2	222.1	22,800	166
168				4.7	178.7	23,000	20.0	216.7	22,400	168
170							17.7	211.2	22,000	170
175							9.2	189.5	20,900	175
176							6.2	181.6	20,700	176
180										180
185										185
190										190
198										198
200										200
210										210
211										211
220										220
224										224

MLC250 S-2

ASME B30.5



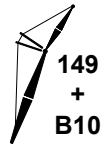
184,600 lb
+
44,000 lb



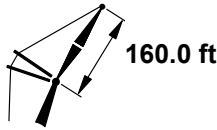
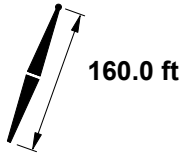
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
51													51
55													55
60													60
61													61
65													65
70													70
75													75
77													77
80													80
85													85
90													90
93	67.8	303.7	48,600										93
95	66.9	302.8	47,300										95
100	64.8	300.6	44,100										100
105	62.7	298.0	41,300										105
110	60.5	295.3	38,700										110
115	58.3	292.3	36,400										115
118	56.9	290.3	35,200	62.9	295.1	31,100							118
120	56.0	289.0	34,300	62.1	294.1	30,400							120
125	53.6	285.4	32,400	59.9	291.2	28,600							125
130	51.2	281.5	30,600	57.6	288.1	27,000							130
135	48.7	277.2	29,000	55.3	284.8	25,600							135
140	46.1	272.5	27,500	53.0	281.1	24,200							140
143	44.4	269.4	26,700	51.5	278.7	23,400	57.7	283.9	20,300				143
145	43.3	267.4	26,100	50.5	277.1	22,900	56.8	282.6	19,800				145
150	40.4	261.7	24,800	48.0	272.7	21,800	54.5	279.1	18,800				150
155	37.4	255.4	23,600	45.3	267.9	20,700	52.1	275.3	17,800				155
160	34.1	248.3	22,500	42.5	262.6	19,600	49.6	271.2	16,800				160
162	32.6	245.1	22,000	41.4	260.3	19,300	48.6	269.4	16,500				162
165	30.4	240.2	21,400	39.6	256.8	18,700	47.0	266.7	16,000				165
166	29.6	238.3	21,200	39.0	255.4	18,500	46.5	265.7	15,800	53.0	271.2	13,000	166
168	28.0	234.5	20,800	37.7	252.8	18,100	45.4	263.7	15,500	52.0	269.6	12,700	168
170	26.3	230.8	20,400	36.5	250.2	17,800	44.4	261.7	15,200	51.0	268.1	12,400	170
175	21.5	219.2	19,400	33.1	242.9	16,900	41.5	256.2	14,400	48.5	263.7	11,600	175
176	20.3	216.1	19,300	32.3	241.2	16,700	40.9	255.0	14,200	48.0	262.8	11,500	176
180	15.3	203.8	18,500	29.3	234.5	16,100	38.5	250.2	13,700	45.9	259.0	10,900	180
185	1.0	166.6	17,500	25.1	224.5	15,300	35.3	243.4	13,000	43.1	253.9	10,300	185
190				20.0	212.2	14,600	31.8	235.7	12,300	40.2	248.2	9,600	190
198				5.6	175.4	13,400	25.1	220.1	11,300	35.1	237.4	8,700	198
200							23.4	216.2	11,100	33.8	234.7	8,400	200
210							9.5	181.2	9,900	26.0	216.9	7,400	210
211							6.6	173.7	9,800	24.9	214.2	7,300	211
220										14.8	189.4	6,300	220
224										5.9	166.3	5,900	224

MLC250 S-2

ASME B30.5



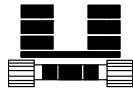
184,600 lb
+
44,000 lb



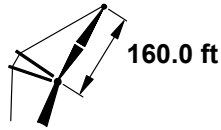
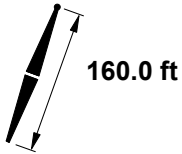
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
53	75.9	322.9	52,200 b						53	
55	75.2	322.4	51,900						55	
60	73.3	320.9	51,000						60	
64	71.8	319.6	50,200	73.9	321.0	59,000			64	
65	71.4	319.3	50,000	73.5	320.7	59,000			65	
70	69.5	317.5	49,000	71.7	319.1	59,000			70	
75	67.6	315.4	47,400	69.8	317.3	58,700			75	
80	65.6	313.2	47,100	67.8	315.3	56,900	71.0	317.6	58,300	80
85	63.7	310.8	46,000	65.9	313.1	54,400	69.1	315.7	57,800	85
90	61.6	308.2	43,500	63.9	310.7	51,800	67.2	313.7	53,600	90
95	59.6	305.3	41,100	61.9	308.1	49,200	65.2	311.4	49,900	95
97	58.7	304.1	40,100	61.0	307.0	48,100	64.4	310.4	48,500	97
100	57.5	302.2	38,600	59.8	305.3	46,500	63.2	309.0	46,500	100
105	55.3	298.8	36,400	57.7	302.2	44,100	61.2	306.3	43,600	105
110	53.1	295.1	34,300	55.5	298.8	41,600	59.1	303.4	40,900	110
115	50.8	291.2	32,400	53.3	295.2	39,300	57.0	300.2	38,400	115
120	48.4	286.8	30,600	51.1	291.3	37,000	54.8	296.7	36,200	120
123	46.9	284.0	29,500	49.6	288.7	35,700	53.5	294.5	35,000	123
125	46.0	282.1	28,800	48.7	287.0	34,900	52.6	293.0	34,200	125
130	43.4	277.0	27,300	46.2	282.3	33,100	50.3	288.9	32,400	130
135	40.7	271.3	25,800	43.7	277.2	31,300	47.9	284.5	30,600	135
140	37.8	265.1	24,500	41.0	271.6	29,500	45.4	279.7	29,100	140
145	34.8	258.2	23,400	38.2	265.5	27,900	42.8	274.5	27,600	145
148	32.8	253.5	22,800	36.3	261.4	27,100	41.2	271.0	26,800	148
150	31.5	250.4	22,300	35.1	258.7	26,500	40.1	268.7	26,200	150
155	27.8	241.4	21,400	31.9	251.0	25,200	37.2	262.4	25,000	155
160	23.6	230.8	20,800	28.2	242.2	24,100	34.1	255.3	23,800	160
165	18.5	217.5	20,300	24.1	231.8	23,200	30.7	247.2	22,700	165
170	11.3	198.0	20,100	19.1	218.8	22,500	26.9	238.0	21,600	170
172	6.3	184.4	20,100	16.4	211.5	22,300	25.2	233.5	21,200	172
175				12.3	200.5	22,100	22.6	226.9	20,600	175
178				4.6	179.1	20,400	19.3	218.3	20,000	178
180							17.2	212.7	19,600	180
185							8.9	190.2	18,700	185
186							6.0	182.1	18,500	186
190										190
195										195
200										200
205										205
208										208
210										210
220										220
221										221
225										225

MLC250 S-2

ASME B30.5



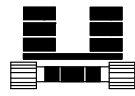
184,600 lb
+
44,000 lb



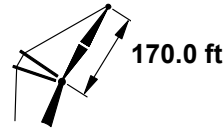
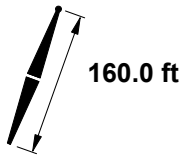
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
53													53
55													55
60													60
64													64
65													65
70													70
75													75
80													80
85													85
90													90
95													95
97	67.7	312.9	45,400										97
100	66.5	311.6	43,600										100
105	64.5	309.2	40,700										105
110	62.5	306.7	38,200										110
115	60.5	303.9	35,900										115
120	58.4	300.9	33,800										120
123	57.1	299.0	32,700	62.8	303.8	28,700							123
125	56.2	297.7	31,900	61.9	302.7	28,100							125
130	54.0	294.1	30,100	59.9	299.9	26,500							130
135	51.8	290.3	28,500	57.8	296.8	25,000							135
140	49.5	286.1	27,000	55.6	293.5	23,600							140
145	47.0	281.6	25,600	53.4	289.8	22,400							145
148	45.5	278.6	24,900	52.0	287.5	21,700	57.9	292.6	18,600				148
150	44.5	276.6	24,300	51.1	285.9	21,200	57.0	291.3	18,200				150
155	41.9	271.2	23,100	48.8	281.6	20,100	54.9	287.9	17,200				155
160	39.1	265.2	22,000	46.3	277.0	19,100	52.6	284.1	16,300				160
165	36.1	258.6	21,000	43.8	271.9	18,200	50.3	280.1	15,400				165
170	32.9	251.3	20,000	41.1	266.4	17,300	47.9	275.7	14,600				170
172	31.5	247.9	19,600	40.0	263.9	16,900	46.9	273.8	14,300	53.0	279.2	11,200	172
175	29.4	242.8	19,000	38.3	260.2	16,400	45.5	270.9	13,800	51.6	276.9	10,700	175
178	27.1	236.9	18,500	36.5	256.2	15,900	43.9	267.7	13,400	50.2	274.4	10,300	178
180	25.5	233.0	18,100	35.3	253.4	15,600	42.9	265.7	13,100	49.3	272.7	10,000	180
185	20.8	221.1	17,300	32.0	245.8	14,800	40.1	259.9	12,400	46.9	268.1	9,400	185
186	19.6	217.9	17,100	31.2	244.0	14,700	39.6	258.6	12,300	46.4	267.1	9,300	186
190	14.8	205.1	16,500	28.4	237.0	14,100	37.2	253.6	11,800	44.3	263.1	8,800	190
195	0.9	166.6	15,600	24.3	226.7	13,400	34.1	246.5	11,100	41.7	257.7	8,200	195
200				19.3	213.9	12,800	30.8	238.5	10,500	38.9	251.7	7,600	200
205				12.6	195.9	12,100	27.0	229.2	9,800	35.9	245.0	7,100	205
208				5.4	175.9	11,700	24.4	222.6	9,500	34.0	240.6	6,800	208
210							22.7	218.2	9,300	32.7	237.6	6,600	210
220							9.2	182.0	8,100	25.2	219.2	5,600	220
221							6.4	174.2	8,000	24.2	216.7	5,500	221
225										20.5	207.0	5,100	225

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



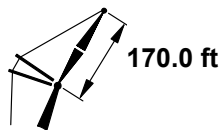
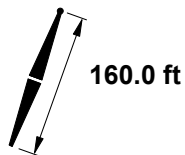
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
56	75.7	332.4	47,900							56
60	74.3	331.3	47,300							60
65	72.6	329.8	46,500							65
67	71.9	329.1	46,200	73.8	330.6	54,900				67
70	70.8	328.1	45,700	72.8	329.6	54,700				70
75	69.0	326.2	44,800	71.0	327.9	54,400				75
80	67.2	324.2	44,000	69.2	326.1	53,800				80
84	65.7	322.4	42,900	67.7	324.5	52,200	70.8	326.8	53,400	84
85	65.3	321.9	42,700	67.4	324.1	51,800	70.4	326.4	53,400	85
90	63.4	319.5	41,900	65.5	321.8	49,600	68.6	324.5	53,200	90
95	61.5	316.8	39,700	63.7	319.4	47,300	66.8	322.4	49,500	95
100	59.6	314.0	37,600	61.8	316.8	45,000	64.9	320.1	46,100	100
105	57.6	310.9	35,600	59.8	313.9	42,800	63.0	317.6	43,200	105
110	55.6	307.5	33,600	57.8	310.9	40,500	61.1	314.9	40,500	110
115	53.5	303.9	31,700	55.8	307.5	38,400	59.2	312.0	38,100	115
120	51.4	300.0	30,100	53.7	303.9	36,400	57.2	308.9	35,900	120
125	49.2	295.8	28,400	51.6	300.1	34,300	55.1	305.4	33,800	125
127	48.2	293.9	27,800	50.7	298.4	33,600	54.3	304.0	33,100	127
130	46.9	291.2	26,900	49.4	295.9	32,500	53.0	301.8	32,000	130
135	44.5	286.2	25,400	47.1	291.4	30,700	50.9	297.8	30,300	135
140	42.0	280.8	24,100	44.8	286.5	29,200	48.7	293.5	28,700	140
145	39.4	274.9	22,900	42.3	281.1	27,600	46.4	288.8	27,300	145
150	36.7	268.4	21,800	39.7	275.3	26,200	44.0	283.8	25,900	150
153	34.9	264.1	21,200	38.1	271.4	25,400	42.5	280.5	25,100	153
155	33.7	261.2	20,900	37.0	268.9	24,800	41.5	278.3	24,600	155
160	30.5	253.1	20,000	34.0	261.7	23,700	38.8	272.3	23,400	160
165	26.9	243.8	19,300	30.9	253.7	22,600	36.0	265.6	22,300	165
170	22.8	232.8	18,700	27.4	244.6	21,700	33.0	258.2	21,300	170
175	17.9	219.0	18,300	23.4	233.8	20,900	29.7	249.9	20,300	175
178	13.7	207.0	18,300	20.5	225.8	20,600	27.5	244.1	19,700	178
180	10.9	198.9	18,300	18.5	220.5	20,300	26.1	240.3	19,400	180
182	6.1	184.9	18,000	15.9	212.9	20,200	24.4	235.7	19,000	182
185				11.9	201.5	19,900	21.9	228.8	18,500	185
188				4.4	179.4	17,900	18.7	220.0	18,000	188
190							16.6	214.1	17,600	190
195							8.6	191.0	16,800	195
196							5.8	182.5	16,600	196
200										200
205										205
210										210
218										218
220										220
230										230
231										231

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



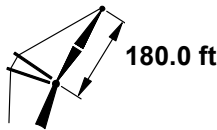
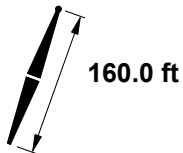
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
56													56
60													60
65													65
67													67
70													70
75													75
80													80
84													84
85													85
90													90
95													95
100	68.0	322.5	43,100										100
105	66.1	320.3	40,300										105
110	64.3	317.9	37,800										110
115	62.4	315.4	35,500										115
120	60.4	312.6	33,400										120
125	58.5	309.6	31,500										125
127	57.7	308.3	30,800	63.0	313.0	27,000							127
130	56.5	306.3	29,700	61.8	311.4	26,000							130
135	54.4	302.8	28,100	59.9	308.6	24,600							135
140	52.3	299.1	26,600	57.9	305.5	23,200							140
145	50.1	295.0	25,300	55.9	302.2	22,000							145
150	47.9	290.6	24,000	53.8	298.6	20,800							150
153	46.5	287.7	23,300	52.5	296.3	20,200	58.0	301.3	17,100				153
155	45.5	285.8	22,800	51.7	294.7	19,700	57.2	300.0	16,700				155
160	43.1	280.6	21,700	49.5	290.6	18,700	55.2	296.6	15,800				160
165	40.6	274.9	20,600	47.2	286.0	17,800	53.1	292.9	15,000				165
170	37.9	268.7	19,600	44.9	281.1	16,900	50.9	288.9	14,200				170
175	35.0	261.8	18,700	42.4	275.8	16,000	48.7	284.6	13,400				175
178	33.1	257.2	18,200	40.8	272.3	15,500	47.3	281.8	12,900	53.0	287.2	9,700	178
180	31.9	254.1	17,800	39.8	270.0	15,200	46.4	280.0	12,600	52.2	285.7	9,400	180
182	30.5	250.6	17,500	38.7	267.4	14,900	45.4	278.0	12,300	51.3	284.0	9,100	182
185	28.5	245.4	17,000	37.1	263.6	14,500	44.0	275.0	11,900	50.0	281.6	8,800	185
188	26.2	239.3	16,500	35.3	259.3	14,100	42.5	271.7	11,500	48.6	278.9	8,400	188
190	24.7	235.2	16,200	34.2	256.5	13,800	41.5	269.5	11,200	47.7	277.1	8,200	190
195	20.2	222.8	15,400	31.0	248.5	13,100	38.9	263.5	10,500	45.4	272.3	7,600	195
196	19.0	219.5	15,300	30.3	246.7	13,000	38.3	262.1	10,400	44.9	271.3	7,500	196
200	14.4	206.3	14,700	27.5	239.5	12,400	36.1	256.8	9,900	42.9	267.1	7,000	200
205	0.9	166.6	13,900	23.5	228.8	11,800	33.1	249.5	9,300	40.4	261.4	6,500	205
210				18.7	215.5	11,200	29.8	241.1	8,700	37.7	255.1	6,000	210
218				5.2	176.3	10,200	23.5	224.3	7,800	32.9	243.4	5,200	218
220							22.0	220.1	7,600	31.7	240.4	5,100	220
230							8.9	182.7	6,600				230
231							6.1	174.7	6,400				231

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



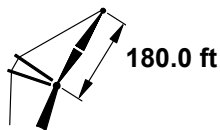
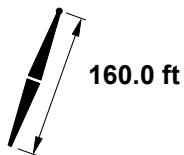
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
58	75.9	342.3	44,000							58
60	75.2	341.7	43,800							60
65	73.6	340.3	43,100							65
70	71.9	338.7	42,400	73.8	340.1	50,200				70
75	70.2	336.9	41,700	72.1	338.5	49,900				75
80	68.5	335.0	41,000	70.4	336.8	49,600				80
85	66.8	332.9	40,200	68.7	334.9	49,100				85
87	66.1	332.0	40,000	68.0	334.0	48,300	70.9	336.3	48,600	87
90	65.0	330.6	39,600	67.0	332.8	47,200	69.8	335.2	48,600	90
95	63.3	328.2	38,300	65.2	330.5	45,300	68.1	333.3	48,600	95
100	61.5	325.5	36,400	63.5	328.1	43,200	66.4	331.1	45,700	100
104	60.0	323.2	34,800	62.0	326.0	41,700	65.0	329.3	43,300	104
105	59.6	322.6	34,400	61.7	325.4	41,300	64.6	328.8	42,700	105
110	57.7	319.5	32,600	59.8	322.6	39,300	62.9	326.3	40,000	110
115	55.8	316.2	30,900	58.0	319.5	37,400	61.1	323.6	37,600	115
120	53.9	312.6	29,300	56.1	316.2	35,400	59.2	320.7	35,400	120
125	51.9	308.8	27,700	54.1	312.7	33,600	57.3	317.5	33,400	125
130	49.8	304.7	26,400	52.1	308.9	31,900	55.4	314.2	31,500	130
132	48.9	302.9	25,800	51.3	307.2	31,200	54.6	312.7	30,800	132
135	47.7	300.2	25,000	50.0	304.8	30,200	53.4	310.5	29,800	135
140	45.5	295.4	23,600	47.9	300.4	28,600	51.4	306.6	28,300	140
145	43.2	290.2	22,500	45.7	295.6	27,200	49.3	302.4	26,800	145
150	40.8	284.6	21,400	43.4	290.5	25,900	47.2	297.9	25,400	150
155	38.2	278.4	20,400	41.1	284.9	24,600	45.0	293.0	24,200	155
159	36.1	273.0	19,700	39.0	280.0	23,600	43.1	288.8	23,200	159
160	35.6	271.7	19,500	38.5	278.8	23,300	42.7	287.7	23,000	160
165	32.7	264.2	18,700	35.9	272.1	22,300	40.2	282.0	21,900	165
170	29.6	255.8	18,000	33.0	264.7	21,300	37.7	275.7	20,900	170
175	26.1	246.1	17,400	30.0	256.4	20,400	35.0	268.8	19,900	175
180	22.2	234.8	16,900	26.6	246.9	19,600	32.0	261.1	18,900	180
184	18.3	223.4	16,600	23.4	238.0	19,100	29.5	254.2	18,200	184
185	17.4	220.5	16,600	22.7	235.8	18,900	28.9	252.5	18,100	185
190	10.6	199.8	16,600	18.0	222.0	18,500	25.3	242.5	17,200	190
192	5.9	185.4	15,600	15.4	214.2	18,200	23.7	237.8	16,900	192
195				11.6	202.5	17,900	21.2	230.7	16,400	195
198				4.3	179.8	15,600	18.2	221.6	16,000	198
200							16.1	215.5	15,700	200
206							5.6	183.0	14,700	206
210										210
215										215
220										220
228										228
230										230
235										235

MLC250 S-2

ASME B30.5



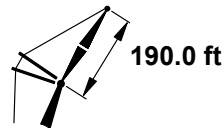
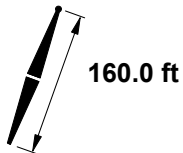
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
58													58
60													60
65													65
70													70
75													75
80													80
85													85
87													87
90													90
95													95
100													100
104	67.9	331.6	40,300										104
105	67.5	331.2	39,800										105
110	65.8	329.0	37,300										110
115	64.0	326.6	35,000										115
120	62.2	324.0	32,900										120
125	60.4	321.3	31,000										125
130	58.6	318.3	29,200										130
132	57.8	317.0	28,600	62.8	321.7	24,900							132
135	56.7	315.0	27,600	61.7	320.1	24,000							135
140	54.7	311.6	26,100	59.9	317.2	22,700							140
145	52.7	307.8	24,800	58.0	314.2	21,400							145
150	50.7	303.8	23,500	56.1	310.9	20,300							150
155	48.6	299.5	22,300	54.2	307.3	19,200							155
159	46.9	295.8	21,400	52.6	304.3	18,400	57.7	309.3	15,300				159
160	46.4	294.9	21,200	52.2	303.5	18,200	57.4	308.7	15,100				160
165	44.2	289.9	20,100	50.1	299.4	17,200	55.4	305.3	14,200				165
170	41.8	284.4	19,100	48.0	295.0	16,300	53.5	301.7	13,400				170
175	39.4	278.5	18,200	45.8	290.3	15,500	51.5	297.8	12,500				175
180	36.8	272.0	17,400	43.5	285.2	14,700	49.4	293.6	11,800				180
184	34.5	266.3	16,700	41.6	280.7	14,100	47.7	289.9	11,200	53.0	295.2	8,000	184
185	34.0	264.9	16,500	41.1	279.6	14,000	47.2	289.0	11,100	52.6	294.5	7,900	185
190	31.0	256.9	15,700	38.6	273.5	13,300	45.0	284.2	10,400	50.6	290.4	7,300	190
192	29.7	253.3	15,400	37.6	270.9	13,000	44.1	282.0	10,100	49.7	288.7	7,100	192
195	27.7	247.8	15,000	36.0	266.9	12,600	42.7	278.9	9,700	48.5	286.1	6,700	195
198	25.5	241.5	14,600	34.3	262.4	12,200	41.2	275.4	9,400	47.2	283.3	6,400	198
200	24.0	237.3	14,300	33.2	259.5	12,000	40.3	273.1	9,100	46.3	281.4	6,200	200
206	18.0	219.4	13,500	29.3	248.9	11,200	37.1	265.3	8,400	43.5	275.1	5,600	206
210	14.0	207.5	12,900	26.7	241.8	10,800	35.0	260.0	8,000	41.7	270.9	5,200	210
215	0.8	166.6	12,200	22.8	230.8	10,200	32.1	252.3	7,400				215
220				18.2	217.1	9,600	28.9	243.7	6,900				220
228				5.1	176.7	8,600	22.8	226.3	6,100				228
230							21.3	222.0	5,900				230
235							16.3	206.9	5,400				235

MLC250 S-2

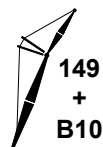
ASME B30.5



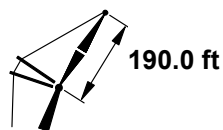
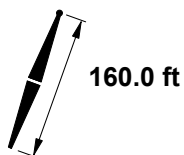
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
60	76.0	352.1	40,400							60
65	74.5	350.7	40,000							65
70	72.9	349.2	39,400							70
72	72.2	348.5	39,100	74.0	349.9	46,100				72
75	71.3	347.6	38,800	73.1	349.0	45,900				75
80	69.7	345.7	38,100	71.5	347.4	45,700				80
85	68.1	343.8	37,500	69.9	345.6	45,300				85
90	66.4	341.6	36,900	68.3	343.6	44,800	70.9	345.9	44,400	90
95	64.8	339.3	36,300	66.6	341.5	43,100	69.3	344.0	44,400	95
100	63.1	336.8	35,100	65.0	339.2	41,400	67.7	342.0	44,300	100
105	61.4	334.2	33,300	63.3	336.8	39,700	66.1	339.9	42,500	105
108	60.3	332.4	32,400	62.3	335.2	38,600	65.1	338.4	40,900	108
110	59.6	331.3	31,700	61.6	334.1	38,000	64.4	337.5	39,800	110
115	57.9	328.2	30,100	59.8	331.3	36,200	62.7	335.0	37,400	115
120	56.1	324.9	28,600	58.1	328.2	34,500	61.0	332.3	35,200	120
125	54.2	321.4	27,100	56.3	324.9	32,800	59.3	329.3	33,200	125
130	52.3	317.6	25,800	54.4	321.4	31,200	57.5	326.2	31,300	130
135	50.4	313.5	24,500	52.5	317.7	29,700	55.7	322.9	29,600	135
136	50.0	312.7	24,300	52.2	316.9	29,400	55.3	322.1	29,300	136
140	48.4	309.2	23,300	50.6	313.6	28,200	53.8	319.3	28,000	140
145	46.3	304.5	22,200	48.6	309.3	26,800	51.9	315.4	26,600	145
150	44.2	299.5	21,000	46.6	304.7	25,500	49.9	311.3	25,200	150
155	42.0	294.1	20,000	44.4	299.7	24,300	47.9	306.9	24,000	155
160	39.6	288.2	19,100	42.2	294.3	23,100	45.9	302.2	22,800	160
164	37.7	283.1	18,400	40.4	289.7	22,200	44.1	298.1	21,900	164
165	37.2	281.8	18,200	39.9	288.5	22,000	43.7	297.0	21,700	165
170	34.6	274.8	17,500	37.5	282.2	20,900	41.5	291.5	20,700	170
175	31.8	267.0	16,800	34.9	275.3	20,000	39.1	285.5	19,700	175
180	28.8	258.3	16,200	32.1	267.6	19,200	36.6	279.0	18,800	180
185	25.4	248.4	15,800	29.1	259.0	18,400	34.0	271.9	17,900	185
190	21.6	236.7	15,400	25.8	249.2	17,800	31.2	263.9	17,100	190
195	16.9	222.0	15,100	22.0	237.8	17,200	28.1	255.0	16,300	195
200	10.3	200.7	15,100	17.5	223.5	16,800	24.6	244.7	15,500	200
202	5.8	185.8	13,700	15.0	215.5	16,500	23.0	239.8	15,200	202
205				11.3	203.5	16,100	20.6	232.5	14,800	205
208				4.2	180.1	13,700	17.7	223.1	14,400	208
210							15.7	216.9	14,100	210
215							8.1	192.4	13,400	215
216							5.4	183.4	13,300	216
220										220
225										225
230										230
235										235
238										238

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



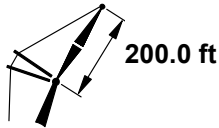
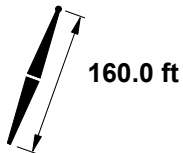
	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
60										60
65										65
70										70
72										72
75										75
80										80
85										85
90										90
95										95
100										100
105										105
108	67.8	340.8	38,000							108
110	67.1	339.9	37,000							110
115	65.5	337.7	34,700							115
120	63.8	335.3	32,700							120
125	62.1	332.7	30,800							125
130	60.4	329.9	29,000							130
135	58.6	326.9	27,400							135
136	58.3	326.3	27,100	63.0	330.9	23,500				136
140	56.8	323.7	25,900	61.6	328.7	22,400				140
145	55.0	320.3	24,500	59.9	325.9	21,200				145
150	53.1	316.6	23,300	58.1	322.8	20,000				150
155	51.2	312.7	22,100	56.3	319.6	19,000				155
160	49.3	308.5	21,000	54.5	316.1	17,900				160
164	47.6	304.8	20,100	53.0	313.1	17,200	57.9	318.0	14,000	164
165	47.2	303.9	19,900	52.6	312.3	17,000	57.5	317.3	13,800	165
170	45.1	299.1	18,900	50.7	308.3	16,100	55.7	314.0	13,000	170
175	42.9	293.8	18,000	48.7	304.0	15,300	53.8	310.4	12,200	175
180	40.7	288.2	17,200	46.6	299.4	14,500	51.9	306.6	11,400	180
185	38.3	282.0	16,300	44.5	294.4	13,800	50.0	302.4	10,700	185
190	35.7	275.3	15,600	42.3	289.1	13,100	48.0	298.0	10,000	190
195	33.0	267.8	14,800	40.0	283.2	12,400	45.9	293.3	9,400	195
200	30.1	259.6	14,100	37.6	276.9	11,800	43.7	288.2	8,800	200
202	28.8	255.8	13,800	36.5	274.2	11,500	42.8	286.0	8,500	202
205	26.9	250.2	13,400	35.0	270.0	11,200	41.5	282.7	8,200	205
208	24.8	243.7	13,100	33.3	265.4	10,800	40.1	279.1	7,900	208
210	23.3	239.4	12,800	32.2	262.4	10,500	39.2	276.7	7,600	210
215	19.1	226.2	12,200	29.2	253.8	9,900	36.7	270.2	7,100	215
216	18.0	222.7	12,100	28.6	251.9	9,800	36.1	268.8	7,000	216
220	13.6	208.7	11,600	26.0	244.1	9,300	34.0	263.1	6,600	220
225	0.8	166.6	10,900	22.2	232.7	8,800	31.2	255.1	6,100	225
230				17.7	218.6	8,200	28.1	246.2	5,600	230
235				11.5	198.9	7,700	24.7	236.0	5,200	235
238				4.9	177.1	7,300				238

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



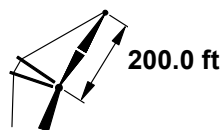
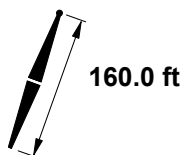
ft	88°			86°			83°			ft
	ft	lb	ft	ft	lb	ft	lb	ft		
63	75.8	361.6	37,000						63	
65	75.3	361.1	36,900						65	
70	73.8	359.7	36,500						70	
75	72.3	358.1	36,000	73.9	359.5	42,100			75	
80	70.8	356.4	35,400	72.4	357.9	41,800			80	
85	69.2	354.5	34,900	70.9	356.2	41,500			85	
90	67.7	352.5	34,300	69.4	354.4	41,300			90	
93	66.7	351.2	34,000	68.5	353.2	41,000	71.0	355.4	40,400	93
95	66.1	350.4	33,800	67.9	352.4	40,900	70.4	354.7	40,400	95
100	64.5	348.0	33,300	66.3	350.2	39,400	68.9	352.8	40,300	100
105	62.9	345.5	32,100	64.7	347.9	37,900	67.3	350.8	40,200	105
110	61.3	342.8	30,600	63.1	345.4	36,400	65.8	348.6	39,300	110
111	61.0	342.2	30,300	62.8	344.9	36,100	65.5	348.1	38,800	111
115	59.7	340.0	29,100	61.5	342.8	34,900	64.2	346.2	36,900	115
120	58.0	336.9	27,700	59.8	339.9	33,400	62.6	343.6	34,700	120
125	56.3	333.6	26,400	58.2	336.9	31,900	60.9	340.9	32,700	125
130	54.5	330.1	25,100	56.5	333.6	30,400	59.3	338.0	30,800	130
135	52.7	326.4	23,900	54.7	330.1	29,000	57.6	334.9	29,100	135
140	50.9	322.4	22,700	52.9	326.4	27,600	55.9	331.6	27,600	140
141	50.5	321.5	22,500	52.6	325.6	27,400	55.5	330.8	27,300	141
145	49.0	318.1	21,700	51.1	322.5	26,300	54.1	328.0	26,100	145
150	47.1	313.6	20,700	49.2	318.3	25,100	52.3	324.2	24,800	150
155	45.1	308.7	19,700	47.3	313.7	23,900	50.5	320.2	23,500	155
160	43.0	303.4	18,800	45.3	308.9	22,700	48.6	315.9	22,300	160
165	40.8	297.8	17,900	43.2	303.7	21,600	46.6	311.2	21,200	165
169	39.0	292.9	17,300	41.5	299.2	20,900	45.0	307.3	20,400	169
170	38.6	291.7	17,100	41.1	298.1	20,700	44.6	306.3	20,200	170
175	36.2	285.1	16,400	38.8	292.1	19,800	42.5	301.0	19,200	175
180	33.7	277.8	15,800	36.5	285.5	18,900	40.4	295.2	18,300	180
185	31.0	269.8	15,200	34.0	278.3	18,100	38.1	289.0	17,500	185
190	28.0	260.8	14,700	31.3	270.4	17,400	35.7	282.2	16,600	190
195	24.8	250.6	14,300	28.4	261.5	16,700	33.1	274.8	15,900	195
200	21.0	238.5	13,900	25.2	251.5	16,200	30.3	266.6	15,100	200
205	16.5	223.4	13,700	21.5	239.6	15,700	27.3	257.4	14,400	205
210	10.0	201.6	13,100	17.0	225.0	15,100	24.0	246.8	13,700	210
212	5.6	186.3	11,800	13.8	213.9	14,300	22.2	241.1	13,500	212
218				4.0	180.4	11,800	17.0	223.9	12,700	218
220							15.3	218.2	12,500	220
225							7.9	193.0	11,800	225
226							5.3	183.9	11,700	226
230										230
235										235
240										240
248										248

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



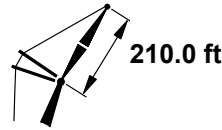
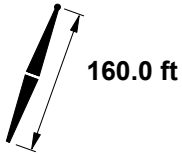
	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
63										63
65										65
70										70
75										75
80										80
85										85
90										90
93										93
95										95
100										100
105										105
110										110
111	68.0	350.4	36,000							111
115	66.8	348.7	34,200							115
120	65.2	346.4	32,100							120
125	63.6	344.0	30,200							125
130	62.0	341.4	28,500							130
135	60.4	338.6	26,900							135
140	58.7	335.6	25,400							140
141	58.4	335.0	25,100	62.9	339.5	21,600				141
145	57.0	332.4	24,000	61.6	337.4	20,600				145
150	55.3	329.0	22,800	59.9	334.5	19,500				150
155	53.5	325.4	21,600	58.2	331.5	18,400				155
160	51.7	321.5	20,500	56.5	328.2	17,400				160
165	49.8	317.4	19,400	54.8	324.8	16,500				165
169	48.3	313.8	18,700	53.3	321.8	15,800	58.0	326.6	12,300	169
170	47.9	312.9	18,500	53.0	321.1	15,600	57.6	326.0	12,100	170
175	45.9	308.2	17,500	51.2	317.1	14,800	55.9	322.7	11,400	175
180	43.9	303.1	16,700	49.3	312.9	14,000	54.2	319.1	10,600	180
185	41.8	297.7	15,900	47.4	308.4	13,200	52.4	315.4	9,900	185
190	39.6	291.8	15,100	45.4	303.6	12,500	50.5	311.3	9,200	190
195	37.2	285.4	14,400	43.3	298.4	11,800	48.6	307.0	8,600	195
200	34.8	278.4	13,700	41.2	292.8	11,100	46.7	302.4	8,000	200
205	32.2	270.7	13,000	38.9	286.8	10,400	44.7	297.4	7,400	205
210	29.3	262.2	12,400	36.6	280.2	9,800	42.6	292.1	6,900	210
212	28.0	258.0	12,100	35.5	277.2	9,600	41.7	289.7	6,700	212
218	24.0	245.5	11,400	32.4	268.2	8,900	39.0	282.6	6,000	218
220	22.7	241.4	11,200	31.4	265.2	8,600	38.1	280.2	5,800	220
225	18.6	227.8	10,600	28.5	256.4	8,100	35.7	273.4	5,400	225
226	17.5	224.2	10,500	27.8	254.4	8,000				226
230	13.2	209.8	10,100	25.3	246.4	7,600				230
235	0.7	166.6	9,500	21.6	234.6	7,000				235
240				17.2	220.1	6,500				240
248				4.8	177.5	5,700				248

MLC250 S-2

ASME B30.5



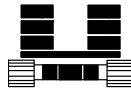
184,600 lb
+
44,000 lb



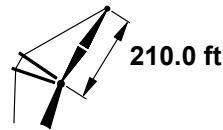
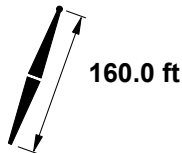
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
65	76.0	371.4	34,000						65	
70	74.6	370.1	33,700						70	
75	73.1	368.6	33,400						75	
78	72.3	367.6	33,100	73.9	369.0	38,500			78	
80	71.7	367.0	32,900	73.3	368.4	38,400			80	
85	70.3	365.2	32,400	71.9	366.8	38,200			85	
90	68.8	363.3	32,000	70.4	365.1	37,900			90	
95	67.3	361.3	31,500	69.0	363.2	37,600			95	
97	66.7	360.4	31,300	68.4	362.4	37,500	70.8	364.6	36,800	97
100	65.8	359.1	31,000	67.5	361.1	37,400	69.9	363.5	36,800	100
105	64.3	356.7	30,600	66.0	359.0	36,100	68.5	361.6	36,700	105
110	62.8	354.2	29,600	64.5	356.6	34,800	67.0	359.5	36,600	110
115	61.2	351.5	28,200	63.0	354.1	33,500	65.5	357.3	36,500	115
120	59.7	348.6	27,000	61.4	351.4	32,200	64.0	354.9	34,300	120
125	58.1	345.6	25,700	59.9	348.6	30,800	62.5	352.3	32,300	125
130	56.4	342.3	24,500	58.3	345.5	29,500	60.9	349.6	30,500	130
135	54.8	338.8	23,300	56.6	342.3	28,200	59.3	346.7	28,800	135
140	53.1	335.1	22,200	55.0	338.9	27,000	57.7	343.6	27,200	140
145	51.4	331.2	21,200	53.3	335.2	25,800	56.1	340.3	25,800	145
150	49.6	327.0	20,200	51.6	331.3	24,600	54.4	336.7	24,400	150
155	47.7	322.6	19,400	49.8	327.2	23,500	52.7	333.0	23,200	155
160	45.9	317.8	18,500	48.0	322.7	22,400	51.0	329.0	22,000	160
165	43.9	312.7	17,700	46.1	318.0	21,300	49.2	324.8	20,900	165
170	41.9	307.3	16,800	44.1	313.0	20,400	47.3	320.3	19,900	170
175	39.8	301.4	16,100	42.1	307.6	19,600	45.4	315.4	18,900	175
180	37.6	295.1	15,500	40.0	301.8	18,800	43.5	310.3	18,000	180
185	35.3	288.3	14,900	37.9	295.5	17,900	41.5	304.8	17,100	185
190	32.8	280.8	14,300	35.6	288.7	17,100	39.3	298.8	16,300	190
195	30.2	272.5	13,800	33.1	281.3	16,500	37.1	292.4	15,500	195
200	27.3	263.2	13,400	30.5	273.1	15,800	34.8	285.4	14,800	200
205	24.1	252.7	13,000	27.7	264.0	15,300	32.3	277.7	14,100	205
210	20.5	240.3	12,800	24.5	253.6	14,800	29.6	269.3	13,400	210
215	16.1	224.8	12,600	20.9	241.5	14,100	26.7	259.8	12,800	215
220	9.8	202.4	11,300	16.6	226.5	13,500	23.4	248.9	12,200	220
222	5.5	186.7	10,000	14.2	218.0	12,900	21.9	243.7	11,900	222
225				10.7	205.3	12,000	19.6	235.9	11,600	225
228				3.9	180.7	10,000	16.8	226.1	11,200	228
230							14.9	219.5	11,000	230
235							7.7	193.7	10,400	235
236							5.2	184.3	10,300	236
240										240
245										245
250										250

MLC250 S-2

ASME B30.5



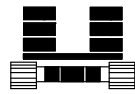
184,600 lb
+
44,000 lb



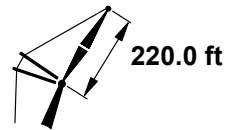
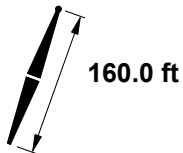
	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
65										65
70										70
75										75
78										78
80										80
85										85
90										90
95										95
97										97
100										100
105										105
110										110
115	68.0	359.5	33,800							115
120	66.5	357.4	31,700							120
125	65.0	355.1	29,800							125
130	63.5	352.7	28,100							130
135	61.9	350.0	26,500							135
140	60.4	347.2	25,000							140
145	58.8	344.3	23,700	63.0	348.7	20,200				145
150	57.2	341.1	22,400	61.5	346.0	19,100				150
155	55.5	337.7	21,200	59.9	343.2	18,000				155
160	53.8	334.1	20,100	58.3	340.2	17,000				160
165	52.1	330.3	19,100	56.7	336.9	16,100				165
170	50.4	326.2	18,100	55.0	333.5	15,200				170
175	48.5	321.9	17,200	53.3	329.8	14,300	57.8	334.7	10,700	175
180	46.7	317.3	16,300	51.6	326.0	13,500	56.1	331.4	10,000	180
185	44.8	312.3	15,500	49.8	321.8	12,700	54.5	327.9	9,300	185
190	42.8	307.1	14,700	48.0	317.4	11,900	52.7	324.1	8,600	190
195	40.7	301.4	14,000	46.2	312.7	11,200	51.0	320.2	8,000	195
200	38.6	295.3	13,300	44.2	307.7	10,500	49.2	315.9	7,400	200
205	36.3	288.7	12,600	42.2	302.3	9,900	47.4	311.4	6,800	205
210	33.9	281.5	12,000	40.1	296.5	9,200	45.5	306.6	6,300	210
215	31.4	273.5	11,400	37.9	290.2	8,600	43.5	301.4	5,700	215
220	28.6	264.7	10,800	35.6	283.5	8,100	41.5	295.9	5,300	220
222	27.4	260.8	10,600	34.7	280.5	7,900				222
225	25.6	254.8	10,300	33.2	276.1	7,500				225
228	23.5	247.9	10,000	31.6	271.2	7,200				228
230	22.1	243.3	9,800	30.6	267.9	7,000				230
235	18.1	229.4	9,200	27.8	258.9	6,500				235
236	17.1	225.7	9,100	27.1	256.8	6,400				236
240	12.9	210.9	8,700	24.6	248.5	6,000				240
245	0.7	166.6	8,000	21.1	236.5	5,600				245
250				16.8	221.6	5,100				250

MLC250 S-2

ASME B30.5



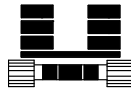
184,600 lb
+
44,000 lb



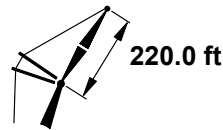
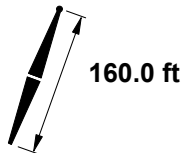
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
68	75.8	381.0	31,100							68
70	75.3	380.5	31,000							70
75	73.9	379.0	30,700							75
80	72.6	377.5	30,500							80
81	72.3	377.2	30,400	73.8	378.6	35,100				81
85	71.2	375.8	30,100	72.7	377.3	34,900				85
90	69.8	374.0	29,600	71.4	375.7	34,700				90
95	68.4	372.1	29,200	70.0	373.9	34,400				95
100	67.0	370.0	28,800	68.6	372.0	34,200	70.9	374.2	33,500	100
105	65.6	367.8	28,400	67.2	369.9	34,000	69.5	372.3	33,400	105
110	64.1	365.4	28,000	65.7	367.7	33,100	68.1	370.4	33,200	110
115	62.7	362.9	27,200	64.3	365.3	32,000	66.7	368.2	33,100	115
119	61.5	360.7	26,200	63.1	363.3	31,100	65.5	366.4	33,000	119
120	61.2	360.1	26,000	62.8	362.8	30,800	65.3	366.0	33,000	120
125	59.7	357.3	24,900	61.4	360.1	29,700	63.8	363.6	31,800	125
130	58.2	354.2	23,800	59.9	357.2	28,500	62.3	361.0	30,000	130
135	56.6	351.0	22,700	58.3	354.2	27,300	60.9	358.2	28,300	135
140	55.0	347.5	21,700	56.8	351.0	26,200	59.4	355.3	26,700	140
145	53.4	343.9	20,700	55.2	347.6	25,100	57.8	352.2	25,300	145
150	51.8	340.0	19,800	53.6	343.9	24,000	56.3	348.9	23,900	150
155	50.1	335.9	18,800	52.0	340.1	22,900	54.7	345.5	22,700	155
160	48.4	331.5	18,000	50.3	336.0	21,900	53.1	341.8	21,500	160
165	46.6	326.9	17,300	48.6	331.7	21,000	51.4	337.8	20,400	165
170	44.7	322.0	16,500	46.8	327.1	20,100	49.7	333.7	19,400	170
175	42.9	316.7	15,800	45.0	322.2	19,200	48.0	329.3	18,400	175
180	40.9	311.0	15,200	43.1	316.9	18,400	46.2	324.6	17,500	180
185	38.8	305.0	14,500	41.1	311.3	17,600	44.3	319.5	16,700	185
190	36.7	298.4	13,900	39.1	305.3	17,000	42.4	314.2	15,800	190
195	34.4	291.4	13,500	37.0	298.9	16,300	40.4	308.5	15,100	195
200	32.0	283.6	13,000	34.7	291.8	15,500	38.4	302.3	14,300	200
205	29.5	275.1	12,600	32.3	284.2	15,000	36.2	295.6	13,700	205
210	26.7	265.6	12,200	29.8	275.8	14,400	33.9	288.4	13,000	210
215	23.6	254.8	11,900	27.0	266.4	13,700	31.5	280.5	12,400	215
220	20.0	242.1	11,700	23.9	255.7	13,100	28.9	271.8	11,700	220
225	15.7	226.2	10,900	20.4	243.3	12,300	26.0	262.1	11,200	225
230	9.6	203.2	9,400	16.2	227.9	11,300	22.8	250.9	10,600	230
232	5.3	187.2	8,200	13.9	219.2	10,800	21.4	245.6	10,400	232
235				10.4	206.2	10,100	19.1	237.6	10,100	235
238				3.8	181.1	8,300	16.4	227.5	9,800	238
240							14.6	220.7	9,500	240
245							7.5	194.3	9,000	245
246							5.0	184.7	8,900	246
250										250
255										255

MLC250 S-2

ASME B30.5



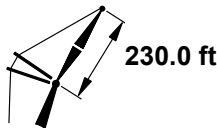
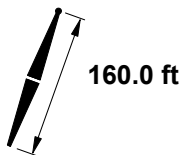
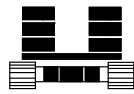
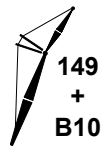
184,600 lb
+
44,000 lb



	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
68										68
70										70
75										75
80										80
81										81
85										85
90										90
95										95
100										100
105										105
110										110
115										115
119	67.9	368.7	31,600							119
120	67.6	368.3	31,200							120
125	66.2	366.1	29,300							125
130	64.8	363.8	27,600							130
135	63.3	361.3	26,000							135
140	61.8	358.7	24,500							140
145	60.3	355.9	23,200							145
150	58.8	352.9	21,900	62.9	357.4	18,500				150
155	57.3	349.8	20,700	61.4	354.7	17,400				155
160	55.7	346.4	19,600	59.9	351.9	16,300				160
165	54.1	342.9	18,600	58.4	348.8	15,300				165
170	52.5	339.1	17,600	56.8	345.6	14,400				170
175	50.8	335.1	16,700	55.3	342.2	13,500				175
180	49.1	330.8	15,800	53.7	338.6	12,700	57.9	343.3	9,100	180
185	47.4	326.3	15,000	52.0	334.8	11,900	56.3	340.1	8,400	185
190	45.5	321.5	14,300	50.3	330.7	11,100	54.7	336.6	7,800	190
195	43.7	316.4	13,500	48.6	326.4	10,400	53.1	332.9	7,200	195
200	41.8	310.9	12,800	46.9	321.8	9,800	51.4	329.0	6,600	200
205	39.7	305.0	12,200	45.0	316.9	9,100	49.7	324.8	6,000	205
210	37.6	298.7	11,600	43.1	311.6	8,500	48.0	320.4	5,500	210
215	35.4	291.9	11,000	41.2	306.1	7,900				215
220	33.1	284.4	10,300	39.2	300.1	7,400				220
225	30.6	276.3	9,700	37.0	293.6	6,800				225
230	27.9	267.2	9,100	34.8	286.6	6,300				230
232	26.7	263.1	8,900	33.8	283.6	6,100				232
235	25.0	257.0	8,600	32.4	279.0	5,800				235
238	23.0	249.9	8,300	30.9	274.0	5,500				238
240	21.6	245.2	8,000	29.9	270.6	5,400				240
245	17.7	231.0	7,500							245
246	16.7	227.2	7,400							246
250	12.6	212.0	7,000							250
255	0.7	166.6	6,400							255

MLC250 S-2

ASME B30.5



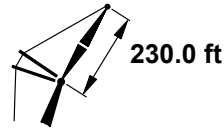
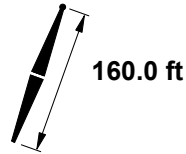
ft	88°			86°			83°			ft
	ft	lb	ft	ft	lb	ft	ft	lb		
71	76.0	390.8	28,400							71
75	74.9	389.8	28,200							75
80	73.7	388.3	27,900							80
85	72.3	386.8	27,500	73.8	388.1	29,500				85
90	71.0	385.1	27,000	72.5	386.6	29,500				90
95	69.7	383.3	26,600	71.2	384.9	29,500				95
100	68.4	381.3	26,200	69.9	383.1	29,500				100
104	67.3	379.7	25,900	68.8	381.6	29,500	71.0	383.8	29,500	104
105	67.0	379.2	25,900	68.5	381.2	29,500	70.7	383.4	29,500	105
110	65.7	377.0	25,500	67.2	379.1	29,500	69.4	381.6	29,500	110
115	64.3	374.7	25,100	65.8	376.9	29,500	68.1	379.6	29,500	115
120	62.9	372.1	24,800	64.4	374.6	29,300	66.7	377.5	29,500	120
124	61.8	370.0	24,100	63.3	372.6	28,500	65.6	375.7	29,500	124
125	61.5	369.5	24,000	63.0	372.1	28,300	65.4	375.2	29,500	125
130	60.0	366.6	23,100	61.6	369.4	27,400	64.0	372.8	29,500	130
135	58.6	363.6	22,100	60.2	366.6	26,400	62.6	370.3	28,100	135
140	57.1	360.4	21,200	58.8	363.6	25,300	61.2	367.6	26,500	140
145	55.6	357.1	20,200	57.3	360.4	24,400	59.7	364.7	25,100	145
150	54.1	353.5	19,400	55.8	357.1	23,400	58.3	361.6	23,700	150
155	52.5	349.7	18,500	54.3	353.5	22,400	56.8	358.4	22,500	155
156	52.2	348.9	18,400	53.9	352.8	22,300	56.5	357.7	22,200	156
160	50.9	345.7	17,800	52.7	349.8	21,500	55.3	355.0	21,300	160
165	49.3	341.5	17,000	51.1	345.8	20,600	53.7	351.4	20,200	165
170	47.6	337.0	16,200	49.5	341.6	19,800	52.2	347.6	19,200	170
175	45.9	332.3	15,600	47.8	337.2	19,000	50.6	343.5	18,200	175
180	44.1	327.2	15,000	46.1	332.5	18,200	48.9	339.3	17,300	180
185	42.3	321.8	14,300	44.3	327.4	17,500	47.2	334.7	16,400	185
190	40.4	316.1	13,800	42.5	322.1	16,700	45.5	329.9	15,600	190
195	38.4	309.9	13,200	40.6	316.4	16,000	43.7	324.8	14,900	195
200	36.4	303.3	12,700	38.7	310.3	15,400	41.9	319.3	14,100	200
205	34.2	296.2	12,300	36.6	303.7	14,900	40.0	313.5	13,400	205
210	31.9	288.4	11,900	34.4	296.6	14,200	38.0	307.2	12,800	210
215	29.4	279.8	11,500	32.2	288.9	13,600	35.9	300.5	12,100	215
220	26.7	270.3	11,300	29.7	280.5	12,900	33.7	293.2	11,500	220
225	23.8	259.6	10,900	27.1	271.1	12,300	31.4	285.3	11,000	225
230	20.4	247.0	10,400	24.1	260.5	11,700	28.8	276.5	10,400	230
235	16.4	231.7	9,800	20.8	248.2	11,200	26.1	266.8	9,900	235
240	11.0	210.7	8,400	16.9	233.3	10,600	23.1	255.7	9,400	240
244	0.7	169.3	5,700	11.3	211.4	9,000	20.0	244.0	8,900	244
249				4.4	183.9	7,000	16.2	229.4	8,400	249
250							15.4	226.5	8,300	250
257							5.4	187.1	7,500	257
260										260
266										266

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



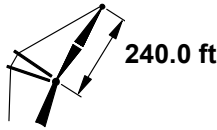
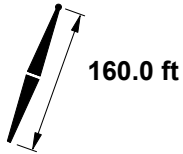
ft	80°			75°			ft
	ft	ft	lb	ft	ft	lb	
71							71
75							75
80							80
85							85
90							90
95							95
100							100
104							104
105							105
110							110
115							115
120							120
124	67.9	377.9	29,500				124
125	67.6	377.5	29,100				125
130	66.2	375.4	27,400				130
135	64.9	373.1	25,800				135
140	63.5	370.6	24,300				140
145	62.1	368.0	22,900				145
150	60.7	365.2	21,700				150
155	59.2	362.3	20,500				155
156	58.9	361.7	20,300	62.8	366.1	16,800	156
160	57.8	359.2	19,400	61.7	364.0	16,000	160
165	56.3	355.9	18,300	60.3	361.2	15,000	165
170	54.7	352.4	17,400	58.8	358.2	14,000	170
175	53.2	348.7	16,500	57.3	355.1	13,100	175
180	51.6	344.8	15,600	55.8	351.7	12,300	180
185	50.0	340.7	14,800	54.3	348.2	11,500	185
190	48.4	336.4	14,000	52.8	344.4	10,800	190
195	46.7	331.7	13,300	51.2	340.5	10,100	195
200	44.9	326.8	12,600	49.5	336.3	9,400	200
205	43.1	321.6	11,900	47.9	331.9	8,800	205
210	41.2	316.0	11,300	46.2	327.1	8,100	210
215	39.3	310.0	10,600	44.4	322.1	7,600	215
220	37.3	303.6	10,000	42.6	316.8	7,000	220
225	35.1	296.7	9,400	40.7	311.1	6,500	225
230	32.9	289.2	8,800	38.7	305.0	6,000	230
235	30.5	281.0	8,300	36.7	298.5	5,500	235
240	27.9	271.9	7,700				240
244	25.5	263.2	7,300				244
249	22.5	252.3	6,800				249
250	21.9	250.1	6,700				250
257	16.1	227.8	6,100				257
260	13.6	218.3	5,800				260
266	2.5	174.2	5,200				266

MLC250 S-2

ASME B30.5



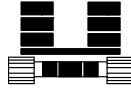
184,600 lb
+
44,000 lb



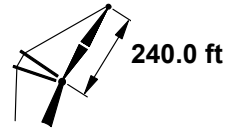
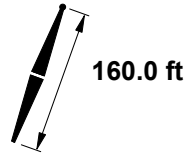
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
74	75.8	400.4	25,900							74
75	75.6	400.1	25,900							75
80	74.4	398.8	25,700							80
85	73.1	397.3	25,400							85
87	72.6	396.6	25,300	74.0	398.0	29,300				87
90	71.9	395.7	25,100	73.2	397.1	29,200				90
95	70.6	393.9	24,700	72.0	395.5	29,000				95
100	69.3	392.1	24,400	70.7	393.8	28,800				100
105	68.0	390.1	24,000	69.5	391.9	28,600				105
108	67.3	388.8	23,800	68.7	390.7	28,400	70.8	393.0	28,000	108
110	66.7	388.0	23,700	68.2	390.0	28,300	70.3	392.2	28,000	110
115	65.4	385.7	23,300	66.9	387.9	28,100	69.0	390.4	27,900	115
120	64.1	383.3	23,000	65.6	385.6	27,800	67.7	388.3	27,800	120
125	62.8	380.8	22,700	64.3	383.2	26,900	66.4	386.2	27,600	125
128	62.0	379.2	22,400	63.4	381.7	26,400	65.7	384.8	27,500	128
130	61.4	378.1	22,100	62.9	380.7	26,100	65.1	383.9	27,500	130
135	60.0	375.3	21,200	61.6	378.1	25,200	63.8	381.5	27,400	135
140	58.6	372.3	20,400	60.2	375.2	24,300	62.5	378.9	26,100	140
145	57.2	369.1	19,600	58.8	372.3	23,400	61.1	376.2	24,600	145
150	55.8	365.8	18,800	57.4	369.1	22,500	59.7	373.3	23,300	150
155	54.3	362.2	18,000	56.0	365.8	21,700	58.3	370.3	22,000	155
160	52.8	358.5	17,300	54.5	362.3	20,900	56.9	367.1	20,900	160
165	51.3	354.6	16,500	53.0	358.6	20,100	55.5	363.7	19,800	165
170	49.8	350.4	15,900	51.5	354.7	19,300	54.0	360.1	18,700	170
175	48.2	346.0	15,200	50.0	350.5	18,500	52.5	356.4	17,800	175
180	46.6	341.3	14,600	48.4	346.1	17,800	51.0	352.4	16,900	180
185	44.9	336.4	13,900	46.7	341.5	17,100	49.4	348.2	16,000	185
190	43.1	331.2	13,400	45.1	336.6	16,400	47.8	343.7	15,200	190
195	41.4	325.6	12,900	43.3	331.4	15,700	46.2	339.0	14,400	195
200	39.5	319.7	12,400	41.6	325.9	15,100	44.5	334.0	13,700	200
205	37.6	313.3	11,900	39.7	320.0	14,500	42.8	328.7	13,000	205
210	35.6	306.5	11,600	37.8	313.7	13,800	41.0	323.1	12,400	210
215	33.4	299.2	11,100	35.8	307.0	13,200	39.1	317.0	11,700	215
220	31.2	291.2	10,800	33.7	299.7	12,500	37.1	310.6	11,100	220
225	28.8	282.4	10,500	31.5	291.7	11,900	35.1	303.7	10,500	225
230	26.2	272.6	9,800	29.1	283.1	11,300	33.0	296.2	9,900	230
235	23.3	261.6	9,200	26.5	273.4	10,800	30.7	288.0	9,300	235
240	20.0	248.8	8,600	23.6	262.6	10,200	28.2	279.0	8,800	240
245	16.1	233.1	8,100	20.4	250.0	9,700	25.5	269.0	8,200	245
250	10.8	211.7	6,700	16.6	234.8	8,900	22.6	257.7	7,700	250
255				11.5	214.3	7,300	19.2	244.4	7,200	255
259				4.3	184.3	5,400	15.9	231.1	6,800	259
260							15.1	227.8	6,700	260
267							5.3	187.5	6,000	267

MLC250 S-2

ASME B30.5



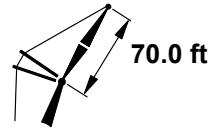
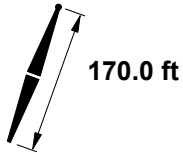
184,600 lb
+
44,000 lb



ft	80°			75°			ft
	ft	ft	lb	ft	ft	lb	
74							74
75							75
80							80
85							85
87							87
90							90
95							95
100							100
105							105
108							108
110							110
115							115
120							120
125							125
128	67.8	387.1	27,500				128
130	67.3	386.3	26,900				130
135	66.0	384.1	25,300				135
140	64.7	381.7	23,800				140
145	63.3	379.3	22,400				145
150	62.0	376.7	21,200				150
155	60.6	373.9	20,000				155
160	59.3	371.0	18,900	63.0	375.3	15,200	160
165	57.8	367.9	17,900	61.6	372.7	14,200	165
170	56.4	364.6	16,900	60.2	369.9	13,200	170
175	55.0	361.1	16,000	58.9	366.9	12,400	175
180	53.5	357.5	15,100	57.4	363.7	11,500	180
185	52.0	353.6	14,300	56.0	360.4	10,800	185
190	50.4	349.6	13,500	54.6	356.9	10,000	190
195	48.9	345.3	12,700	53.1	353.2	9,300	195
200	47.3	340.8	12,000	51.6	349.3	8,700	200
205	45.6	335.9	11,300	50.0	345.2	8,000	205
210	43.9	330.8	10,600	48.4	340.8	7,400	210
215	42.1	325.4	9,900	46.8	336.2	6,800	215
220	40.3	319.7	9,300	45.1	331.3	6,300	220
225	38.4	313.5	8,700	43.4	326.1	5,800	225
230	36.4	306.9	8,200	41.6	320.6	5,300	230
235	34.4	299.8	7,600				235
240	32.2	292.1	7,100				240
245	29.8	283.6	6,600				245
250	27.3	274.3	6,100				250
255	24.6	263.9	5,600				255
259	22.1	254.4	5,300				259
260	21.5	252.0	5,200				260
267							267

MLC250 S-2

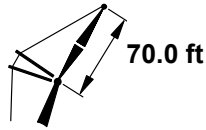
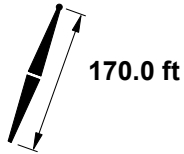
ASME B30.5



	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
34	73.8	244.9	106,500 d							34
36	72.0	244.2	105,000 d							36
38	70.3	243.5	103,500 d							38
40	68.5	242.7	102,000 d	73.7	244.4	118,000 d				40
45	64.0	240.4	98,300 b	69.4	242.7	117,400 d				45
50	59.3	237.6	94,900 b	64.9	240.4	110,400 b				50
52	57.4	236.2	93,700 b	63.0	239.4	107,800 b	71.0	242.4	114,200 d	52
55	54.4	234.2	91,900	60.2	237.7	103,900 b	68.3	241.2	106,100 d	55
60	49.1	230.1	85,200	55.3	234.4	98,100	63.8	238.9	94,800 b	60
65	43.3	225.1	78,400	50.1	230.5	90,100	59.1	236.1	85,500 b	65
70	36.8	218.9	72,600	44.4	225.7	81,900	54.1	232.6	77,800	70
75	29.1	210.9	67,900	38.1	219.8	75,000	48.8	228.5	71,200	75
80	18.4	198.9	65,200	30.6	212.2	69,000	43.0	223.5	65,600	80
83	5.3	183.2	56,900	24.7	205.6	65,900	39.1	219.7	62,600	83
85				20.8	201.3	63,800	36.5	217.2	60,600	85
89				4.3	181.6	57,800	30.2	210.7	57,200	89
90							28.7	209.1	56,300	90
95							17.8	196.8	52,400	95
97							10.6	188.2	50,900	97
100										100
104										104
105										105
106										106
110										110
115										115
120										120
121										121
123										123
125										125
130										130
135										135
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145										145
148										148

MLC250 S-2

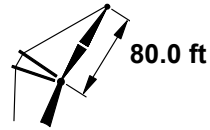
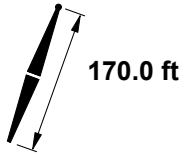
ASME B30.5



	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
34													34
36													36
38													38
40													40
45													45
50													50
52													52
55													55
60													60
65	67.3	239.3	81,000 c										65
70	62.7	236.8	73,600 b										70
75	57.9	233.8	67,400 b										75
80	52.9	230.3	62,000										80
83	49.6	227.7	59,200										83
85	47.5	225.9	57,400	62.2	233.1	51,900 b							85
89	42.7	221.7	54,100	58.3	230.7	49,000 b							89
90	41.5	220.7	53,300	57.4	230.1	48,200							90
95	34.7	214.0	49,700	52.3	226.4	44,900							95
97	31.4	210.5	48,300	50.1	224.6	43,700							97
100	26.4	205.2	46,400	46.8	222.0	42,000							100
104	16.4	193.6	44,000	42.0	217.7	39,900	57.5	225.5	35,600 b				104
105	13.9	190.8	43,400	40.8	216.6	39,300	56.5	224.8	35,200				105
106	9.4	185.4	42,800	39.4	215.2	38,900	55.4	224.0	34,800				106
110				33.9	209.8	36,900	51.3	221.0	33,000				110
115				25.3	200.6	34,700	45.8	216.4	31,100				115
120				11.6	184.6	32,600	39.6	210.8	29,300				120
121				5.2	176.9	32,200	38.2	209.4	28,900				121
123							35.3	206.5	28,300	52.0	215.7	24,900	123
125							32.5	203.7	27,600	49.9	214.0	24,300	125
130							23.4	193.8	26,000	44.2	209.2	23,000	130
135							6.1	173.3	24,500	37.8	203.2	21,700	135
140										30.3	195.5	20,500	140
145										20.3	184.3	19,400	145
148										10.2	172.5	18,600	148

MLC250 S-2

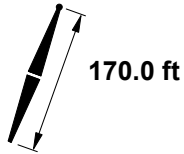
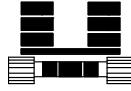
ASME B30.5



	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
34	75.8	255.3	98,100 d							34
36	74.4	254.7	97,000 d							36
38	72.9	254.1	95,800 d							38
40	71.3	253.4	94,400 d							40
43	69.0	252.2	92,300 d	73.6	254.0	112,500 d				43
45	67.5	251.4	90,900 b	72.0	253.3	111,400 d				45
50	63.5	249.0	87,700 b	68.2	251.4	106,400 b				50
55	59.4	246.2	85,000	64.3	249.1	100,400 b				55
56	58.6	245.5	84,400	63.5	248.6	99,300 b	70.4	251.6	103,100 c	56
60	55.1	242.9	81,900	60.2	246.4	94,900	67.3	250.0	94,300 b	60
65	50.6	239.0	75,000	55.9	243.2	89,700	63.3	247.6	85,000 b	65
68	47.6	236.2	71,500	53.2	240.9	84,900	60.9	245.9	80,400 b	68
70	45.7	234.3	69,100	51.4	239.4	81,600	59.2	244.7	77,300	70
75	40.3	228.8	63,900	46.6	234.9	74,700	54.9	241.4	70,800	75
80	34.3	222.0	59,500	41.4	229.5	68,800	50.3	237.4	65,200	80
85	27.1	213.3	56,100	35.5	223.0	63,600	45.4	232.7	60,300	85
89	19.1	203.0	54,700	29.9	216.4	60,000	41.1	228.3	56,800	89
90	17.2	200.4	54,300	28.5	214.7	59,100	40.1	227.2	56,000	90
93	4.9	183.5	50,600	23.0	207.6	56,700	36.4	223.0	53,700	93
95				19.4	202.9	55,000	34.0	220.3	52,200	95
99				4.0	181.9	51,500	28.2	213.2	49,400	99
100							26.7	211.4	48,800	100
105							16.6	198.2	45,600	105
107							9.8	189.0	44,400	107
109										109
110										110
115										115
116										116
120										120
125										125
129										129
130										130
131										131
135										135
140										140
145										145
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155										155
158										158

MLC250 S-2

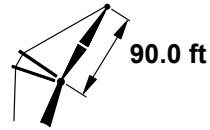
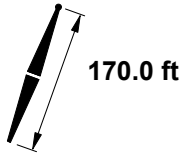
ASME B30.5



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
34													34
36													36
38													38
40													40
43													43
45													45
50													50
55													55
56													56
60													60
65													65
68	67.9	248.9	75,800 b										68
70	66.4	248.0	73,000 b										70
75	62.4	245.5	66,800										75
80	58.2	242.5	61,500										80
85	53.8	239.0	56,900										85
89	50.1	235.7	53,600	62.7	242.3	48,300 b							89
90	49.2	234.9	52,800	61.9	241.8	47,600							90
93	46.2	232.0	50,700	59.4	240.0	45,600							93
95	44.2	230.0	49,200	57.7	238.8	44,300							95
99	39.8	225.4	46,700	54.2	235.9	42,000							99
100	38.7	224.2	46,000	53.3	235.2	41,400							100
105	32.4	216.9	43,100	48.6	231.0	38,800							105
107	29.3	213.1	42,100	46.6	229.0	37,900							107
109	26.2	209.3	41,000	44.6	227.0	36,900	57.8	234.2	32,800				109
110	24.6	207.4	40,500	43.6	226.0	36,400	56.9	233.5	32,400				110
115	12.9	191.8	38,000	38.0	220.1	34,300	52.5	229.8	30,400				115
116	8.8	186.1	37,500	36.7	218.6	33,900	51.5	229.0	30,100				116
120				31.6	212.6	32,300	47.8	225.5	28,700				120
125				23.6	202.7	30,500	42.6	220.4	27,100				125
129				13.4	188.9	29,100	38.1	215.4	25,900	52.1	223.7	22,600	129
130				10.8	185.5	28,700	36.9	214.2	25,600	51.2	222.9	22,300	130
131				4.8	177.2	28,300	35.6	212.6	25,300	50.3	222.0	22,100	131
135							30.3	206.4	24,200	46.4	218.3	21,100	135
140							21.8	195.7	22,900	41.1	212.9	19,900	140
145							5.6	173.7	21,500	35.2	206.4	18,900	145
150										28.2	198.0	17,800	150
155										18.9	186.0	16,900	155
158										9.5	173.2	16,200	158

MLC250 S-2

ASME B30.5



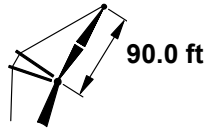
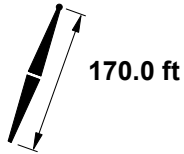
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
37	75.5	264.8	89,200 d							37
38	74.8	264.5	88,700 d							38
40	73.5	263.9	87,500 d							40
45	70.1	262.2	84,400 b							45
46	69.4	261.8	83,900 b	73.4	263.5	102,600 d				46
50	66.7	260.1	81,500 b	70.8	262.2	100,800 b				50
55	63.1	257.7	78,900	67.3	260.2	97,400 b				55
59	60.2	255.4	77,900	64.5	258.3	93,200 b	70.6	261.1	96,000 b	59
60	59.5	254.9	77,600	63.8	257.8	92,200	70.0	260.8	94,000 b	60
65	55.7	251.6	72,600	60.2	255.0	86,800	66.5	258.7	84,700 b	65
70	51.7	247.8	66,700	56.4	251.9	80,400	63.0	256.2	77,000	70
72	50.0	246.1	64,700	54.8	250.4	78,000	61.5	255.1	74,400	72
75	47.4	243.4	61,600	52.4	248.2	74,500	59.3	253.4	70,500	75
80	42.9	238.3	57,100	48.3	243.9	68,600	55.5	250.1	64,900	80
85	37.9	232.3	53,200	43.8	238.9	63,500	51.5	246.3	60,000	85
90	32.2	224.9	49,900	38.9	233.1	59,000	47.2	241.8	55,700	90
94	26.8	217.4	47,800	34.4	227.4	55,800	43.6	237.7	52,700	94
95	25.5	215.5	47,300	33.3	226.0	55,000	42.7	236.7	52,000	95
100	16.1	201.8	46,000	26.8	217.1	51,400	37.7	230.6	48,600	100
103	4.6	183.9	45,400	21.7	209.5	49,500	34.2	226.1	46,800	103
105				18.2	204.5	48,200	32.0	223.2	45,600	105
109				3.7	182.1	45,700	26.5	215.6	43,400	109
110							25.1	213.7	42,800	110
114							17.5	202.4	40,800	114
115							15.6	199.5	40,300	115
117							9.2	189.8	39,300	117
120										120
125										125
126										126
130										130
135										135
140										140
141										141
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168										168

MLC250 S-2

ASME B30.5



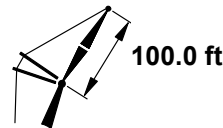
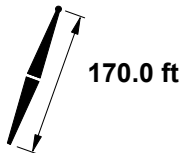
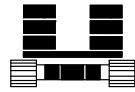
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
37													37
38													38
40													40
45													45
46													46
50													50
55													55
59													59
60													60
65													65
70													70
72	67.8	258.0	70,100 b										72
75	65.7	256.7	66,500										75
80	62.1	254.1	61,200										80
85	58.4	251.2	56,500										85
90	54.5	247.8	52,500										90
94	51.3	244.6	49,700	62.4	251.0	44,500							94
95	50.5	243.8	48,900	61.7	250.4	43,900							95
100	46.2	239.2	45,800	58.0	247.4	41,000							100
103	43.4	236.0	44,000	55.6	245.3	39,500							103
105	41.5	233.9	42,900	54.1	244.0	38,400							105
109	37.4	228.8	40,800	50.8	240.7	36,600							109
110	36.3	227.5	40,300	50.0	239.9	36,100							110
114	31.6	221.2	38,400	46.5	236.2	34,400	58.0	242.8	30,400				114
115	30.4	219.7	38,000	45.7	235.3	34,000	57.3	242.2	30,000				115
117	27.5	215.6	37,100	43.8	233.1	33,200	55.7	240.8	29,300				117
120	23.1	209.4	35,800	40.9	229.8	32,000	53.4	238.6	28,300				120
125	12.1	192.9	33,700	35.7	223.3	30,300	49.2	234.5	26,700				125
126	8.2	186.8	33,300	34.5	221.7	29,900	48.4	233.5	26,400				126
130				29.7	215.3	28,600	44.8	229.7	25,200				130
135				22.2	204.6	27,100	40.0	224.1	23,900	52.3	231.7	20,700	135
140				10.1	186.4	25,600	34.7	217.3	22,600	48.1	227.4	19,600	140
141				4.5	177.5	25,200	33.4	215.6	22,400	47.2	226.4	19,400	141
145							28.5	208.9	21,400	43.6	222.4	18,500	145
150							20.5	197.5	20,300	38.6	216.5	17,500	150
155							5.2	174.1	19,100	33.1	209.4	16,600	155
160										26.5	200.3	15,700	160
165										17.7	187.5	14,900	165
168										8.9	174.0	14,300	168

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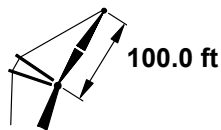
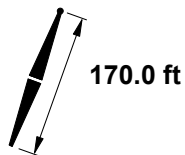
ASME B30.5



	88°			86°			83°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
39	75.8	274.6	81,400 d						39	
40	75.2	274.4	80,900 d						40	
45	72.2	272.8	78,300 b						45	
48	70.4	271.7	76,800 b	74.0	273.4	94,000 b			48	
50	69.1	271.0	75,800 b	72.7	272.7	93,300 b			50	
55	66.0	268.9	73,400	69.7	271.0	91,400 b			55	
60	62.8	266.4	72,200	66.6	268.9	88,800			60	
62	61.5	265.2	71,200	65.3	267.9	86,500	70.8	270.7	89,500 b	
65	59.5	263.5	69,600	63.4	266.5	83,100	69.0	269.5	84,200	
70	56.1	260.3	64,500	60.2	263.7	77,500	65.9	267.4	76,500	
75	52.6	256.6	59,600	56.8	260.5	72,000	62.7	264.9	70,000	
76	51.8	255.8	58,700	56.1	259.8	70,900	62.0	264.3	68,800	
80	48.8	252.4	55,200	53.2	256.9	66,700	59.4	262.0	64,400	
85	44.8	247.6	51,200	49.5	252.8	62,100	56.0	258.8	59,500	
90	40.6	242.0	47,800	45.6	248.2	57,400	52.4	255.1	55,300	
95	35.8	235.5	44,800	41.4	242.7	53,500	48.6	250.8	51,500	
98	32.6	230.8	43,300	38.6	238.9	51,300	46.2	247.9	49,500	
100	30.5	227.6	42,300	36.8	236.4	49,900	44.7	246.0	48,200	
105	24.1	217.6	40,300	31.6	228.8	46,800	40.4	240.4	45,200	
110	15.3	203.1	39,000	25.4	219.3	44,400	35.6	233.8	42,500	
113	4.3	184.2	39,000	20.5	211.3	43,200	32.4	229.1	41,000	
115				17.2	206.0	42,400	30.2	225.9	40,000	
119				3.5	182.3	40,300	25.0	217.8	38,200	
120							23.8	215.7	37,700	
125							14.7	200.8	35,600	
127							8.7	190.5	34,800	
130									130	
135									135	
136									136	
140									140	
141									141	
145									145	
150									150	
151									151	
155									155	
160									160	
165									165	
170									170	
175									175	
178									178	

MLC250 S-2

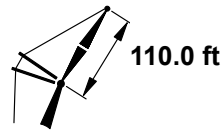
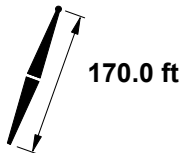
ASME B30.5



	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
39													39
40													40
45													45
48													48
50													50
55													55
60													60
62													62
65													65
70													70
75													75
76	67.6	267.2	64,700										76
80	65.1	265.4	60,600										80
85	61.9	262.8	56,000										85
90	58.6	259.9	52,000										90
95	55.1	256.5	48,400										95
98	52.9	254.2	46,500	62.8	260.2	41,500							98
100	51.5	252.7	45,200	61.5	259.1	40,400							100
105	47.7	248.3	42,400	58.2	256.1	37,800							105
110	43.6	243.3	39,800	54.7	252.7	35,500							110
113	41.0	239.8	38,500	52.5	250.4	34,300							113
115	39.2	237.5	37,500	51.1	248.8	33,400							115
119	35.4	232.0	35,800	48.0	245.2	31,900							119
120	34.4	230.6	35,400	47.3	244.4	31,500	57.6	250.9	27,600				120
125	28.8	222.2	33,400	43.2	239.3	29,700	54.1	247.4	26,100				125
127	26.0	217.9	32,700	41.4	236.9	29,100	52.6	245.8	25,500				127
130	21.9	211.3	31,600	38.7	233.4	28,100	50.4	243.4	24,600				130
135	11.5	193.8	29,900	33.8	226.4	26,600	46.5	238.8	23,300				135
136	7.7	187.4	29,500	32.7	224.6	26,300	45.7	237.8	23,000				136
140				28.1	217.8	25,200	42.4	233.6	22,000				140
141				26.7	215.5	25,000	41.5	232.4	21,800	52.3	239.7	18,700	141
145				21.0	206.4	23,900	37.9	227.5	20,900	49.4	236.3	17,900	145
150				9.6	187.1	22,600	32.8	220.3	19,800	45.4	231.6	16,900	150
151				4.2	177.8	22,300	31.6	218.5	19,600	44.6	230.5	16,700	151
155							26.9	211.3	18,800	41.2	226.2	16,000	155
160							19.4	199.2	17,800	36.5	219.8	15,200	160
165							4.9	174.5	16,700	31.3	212.2	14,300	165
170										25.1	202.5	13,600	170
175										16.8	188.9	12,800	175
178										8.4	174.6	12,300	178

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ASME B30.5



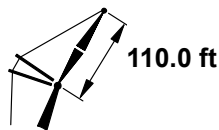
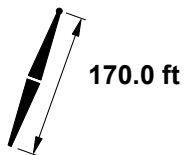
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
41	76.0	284.4	74,500 d							41
45	73.9	283.3	72,800 b							45
50	71.1	281.7	71,700 b							50
51	70.6	281.3	71,300 b	73.8	282.9	85,900 b				51
55	68.3	279.8	69,500	71.6	281.6	84,900 b				55
60	65.5	277.6	66,500	68.9	279.7	83,100				60
65	62.6	275.0	64,700	66.0	277.6	79,700	71.0	280.2	84,000	65
70	59.6	272.2	62,600	63.1	275.1	74,800	68.2	278.3	76,300	70
75	56.5	269.0	58,300	60.1	272.4	69,900	65.4	276.1	69,800	75
80	53.3	265.4	54,200	57.1	269.2	65,200	62.4	273.6	64,200	80
85	49.9	261.3	50,200	53.9	265.7	60,700	59.4	270.7	59,400	85
90	46.4	256.7	46,700	50.6	261.7	56,600	56.3	267.5	55,200	90
95	42.6	251.5	43,600	47.1	257.2	52,800	53.1	263.9	51,400	95
100	38.6	245.6	40,900	43.3	252.2	49,100	49.8	259.8	48,100	100
103	35.9	241.4	39,500	40.9	248.7	47,200	47.6	257.0	46,300	103
105	34.1	238.6	38,500	39.3	246.3	45,900	46.2	255.2	45,100	105
110	29.0	230.2	36,500	35.0	239.6	43,000	42.4	249.9	42,400	110
115	22.9	219.7	35,100	30.0	231.5	40,600	38.4	243.9	39,900	115
120	14.5	204.3	34,100	24.2	221.5	38,700	33.9	236.9	37,700	120
123	4.0	184.5	34,100	19.5	213.0	37,900	30.8	231.8	36,500	123
125				16.4	207.4	37,300	28.8	228.4	35,700	125
129				3.2	182.6	36,100	23.8	219.9	34,100	129
130							22.6	217.7	33,800	130
135							14.0	202.0	32,000	135
137							8.2	191.1	31,200	137
140										140
145										145
146										146
147										147
150										150
155										155
160										160
161										161
165										165
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175										175
180										180
185										185
188										188

MLC250 S-2

ASME B30.5



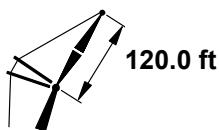
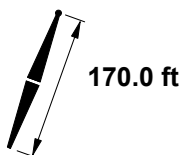
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
41													41
45													45
50													50
51													51
55													55
60													60
65													65
70													70
75													75
80	67.5	276.4	60,400										80
85	64.7	274.1	55,800										85
90	61.7	271.5	51,800										90
95	58.7	268.5	48,300										95
100	55.6	265.2	45,100										100
103	53.6	263.0	43,400	62.6	268.8	38,700							103
105	52.3	261.5	42,300	61.4	267.8	37,700							105
110	48.9	257.3	39,700	58.4	264.8	35,400							110
115	45.3	252.5	37,400	55.2	261.4	33,300							115
120	41.5	247.1	35,300	51.9	257.6	31,400							120
123	39.0	243.4	34,200	49.9	255.1	30,300							123
125	37.3	240.9	33,400	48.5	253.4	29,600	57.8	259.5	25,900				125
129	33.6	235.0	32,000	45.6	249.5	28,300	55.3	256.8	24,700				129
130	32.7	233.6	31,600	44.9	248.5	28,000	54.6	256.1	24,400				130
135	27.4	224.7	30,000	41.0	243.0	26,500	51.3	252.2	23,100				135
137	24.8	220.0	29,300	39.3	240.5	26,000	49.9	250.5	22,600				137
140	20.8	213.1	28,400	36.8	236.7	25,100	47.9	247.9	21,900				140
145	10.9	194.7	26,900	32.1	229.2	23,900	44.2	242.9	20,700				145
146	7.3	188.0	26,600	31.1	227.4	23,600	43.4	241.8	20,500				146
147				30.0	225.6	23,400	42.6	240.7	20,300	52.4	247.7	17,300	147
150				26.7	220.1	22,700	40.3	237.3	19,700	50.4	245.2	16,700	150
155				20.0	208.2	21,500	36.0	230.8	18,700	46.9	240.7	15,800	155
160				9.1	187.9	20,400	31.2	223.1	17,700	43.2	235.6	15,000	160
161				4.0	178.1	20,100	30.1	221.2	17,500	42.4	234.4	14,900	161
165							25.6	213.6	16,800	39.2	229.8	14,200	165
170							18.5	200.8	16,000	34.8	222.9	13,500	170
175							4.7	174.8	15,100	29.8	214.8	12,800	175
180										23.9	204.6	12,100	180
185										16.0	190.3	11,400	185
188										8.0	175.3	11,000	188

MLC250 S-2

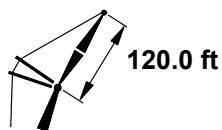
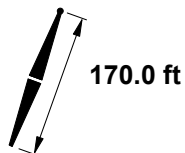
ASME B30.5



	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
44	75.7	294.0	67,800 c							44
45	75.2	293.7	67,500 b							45
50	72.8	292.2	66,700 b							50
54	70.7	290.8	65,200 b	73.7	292.4	78,600				54
55	70.2	290.5	64,800	73.2	292.1	78,400				55
60	67.7	288.5	62,100	70.7	290.4	77,300				60
65	65.0	286.2	61,300	68.1	288.5	75,500				65
69	62.9	284.2	59,300	66.0	286.7	72,300	70.6	289.4	77,100	69
70	62.4	283.7	58,800	65.5	286.3	71,500	70.1	289.0	75,800	70
75	59.6	280.9	56,200	62.9	283.8	67,200	67.5	287.0	69,300	75
80	56.8	277.7	52,300	60.1	281.0	63,100	64.9	284.8	63,700	80
83	55.0	275.6	50,300	58.4	279.2	60,600	63.3	283.2	60,800	83
85	53.9	274.1	48,900	57.3	277.9	59,000	62.2	282.2	58,900	85
90	50.8	270.2	45,600	54.4	274.4	55,100	59.5	279.4	54,700	90
95	47.6	265.8	42,400	51.4	270.6	51,400	56.7	276.2	50,900	95
100	44.3	260.9	39,700	48.2	266.3	48,100	53.7	272.6	47,600	100
105	40.7	255.3	37,200	44.9	261.4	44,900	50.7	268.7	44,600	105
107	39.2	252.7	36,400	43.5	259.2	43,700	49.4	266.9	43,600	107
110	36.8	248.9	35,100	41.4	256.0	42,000	47.5	264.2	41,900	110
115	32.6	241.5	33,200	37.6	249.8	39,400	44.1	259.3	39,500	115
120	27.7	232.7	31,600	33.4	242.6	37,200	40.5	253.6	37,300	120
125	21.9	221.6	30,500	28.7	234.1	35,200	36.7	247.2	35,300	125
130	13.9	205.5	29,800	23.1	223.5	33,700	32.4	239.8	33,400	130
133	3.8	184.7	29,800	18.6	214.6	33,100	29.4	234.4	32,300	133
135				15.7	208.8	32,600	27.5	230.9	31,700	135
139				3.1	182.8	32,100	22.8	221.9	30,400	139
140							21.6	219.6	30,000	140
145							13.4	203.1	28,500	145
147							7.9	191.8	27,900	147
150										150
153										153
155										155
156										156
160										160
165										165
170										170
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185										185
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MLC250 S-2

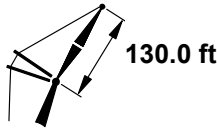
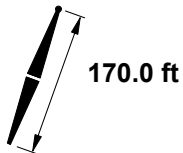
ASME B30.5



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
44													44
45													45
50													50
54													54
55													55
60													60
65													65
69													69
70													70
75													75
80													80
83	67.9	285.9	57,000										83
85	66.9	285.1	55,200										85
90	64.3	282.8	51,200										90
95	61.6	280.1	47,700										95
100	58.8	277.2	44,600										100
105	56.0	273.9	41,800										105
107	54.8	272.5	40,700	62.9	278.0	36,100							107
110	53.0	270.3	39,200	61.3	276.4	34,700							110
115	49.9	266.2	36,900	58.5	273.4	32,700							115
120	46.7	261.6	34,800	55.6	270.1	30,800							120
125	43.3	256.5	32,900	52.7	266.4	29,000							125
130	39.6	250.7	31,200	49.6	262.3	27,400	58.0	268.2	23,800				130
133	37.2	246.8	30,200	47.6	259.5	26,600	56.2	266.2	23,000				133
135	35.7	244.1	29,500	46.3	257.7	26,000	55.1	264.8	22,500				135
139	32.1	237.9	28,300	43.6	253.5	24,900	52.7	261.8	21,500				139
140	31.3	236.4	28,000	42.9	252.5	24,600	52.1	261.1	21,300				140
145	26.2	227.0	26,600	39.2	246.6	23,400	49.0	256.8	20,100				145
147	23.7	222.1	26,100	37.6	243.9	22,900	47.7	255.0	19,700				147
150	19.9	214.9	25,300	35.2	239.9	22,200	45.7	252.1	19,100				150
153	14.2	203.3	24,500	32.5	235.2	21,500	43.6	249.0	18,500	52.5	255.7	15,500	153
155	10.4	195.6	24,000	30.7	232.0	21,100	42.2	246.8	18,100	51.3	254.1	15,200	155
156	7.0	188.5	23,700	29.7	230.1	20,900	41.5	245.6	17,900	50.6	253.2	15,000	156
160				25.5	222.4	20,000	38.5	240.8	17,200	48.1	249.8	14,400	160
165				19.1	209.8	19,000	34.4	233.9	16,300	44.8	244.9	13,600	165
170				8.7	188.6	18,000	29.8	225.7	15,500	41.2	239.4	12,800	170
171				3.8	178.4	17,800	28.8	223.7	15,300	40.5	238.2	12,700	171
175							24.5	215.7	14,700	37.4	233.2	12,100	175
180							17.7	202.3	13,900	33.2	225.9	11,400	180
185							4.4	175.1	13,100	28.5	217.4	10,700	185
190										22.8	206.6	10,000	190
195										15.3	191.6	9,400	195
198										7.6	175.9	9,000	198

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ASME B30.5



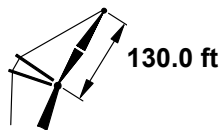
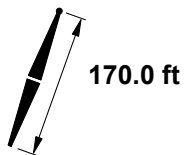
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
46	76.0	303.8	62,400 c							46
50	74.1	302.7	62,100 b							50
55	71.8	301.1	59,600 b							55
57	70.9	300.4	59,000 b	73.6	302.0	72,200				57
60	69.5	299.3	58,100	72.2	301.0	71,800				60
65	67.1	297.2	57,400	69.9	299.3	70,500				65
70	64.7	294.9	56,000	67.5	297.2	68,300				70
72	63.7	293.9	55,300	66.6	296.3	66,800	70.8	299.0	70,800	72
75	62.2	292.4	54,300	65.1	295.0	64,500	69.4	297.8	68,900	75
80	59.6	289.5	50,800	62.6	292.5	60,900	67.0	295.8	63,400	80
85	57.0	286.4	47,500	60.1	289.7	57,200	64.5	293.5	58,500	85
87	56.0	285.0	46,300	59.1	288.4	55,800	63.5	292.4	56,800	87
90	54.4	282.9	44,500	57.5	286.6	53,700	62.1	290.9	54,300	90
95	51.6	279.0	41,600	54.9	283.2	50,300	59.5	288.0	50,600	95
100	48.7	274.8	38,900	52.1	279.4	47,100	56.9	284.9	47,300	100
105	45.6	270.0	36,400	49.2	275.2	44,200	54.2	281.4	44,300	105
110	42.4	264.8	34,200	46.2	270.6	41,400	51.4	277.5	41,600	110
112	41.1	262.4	33,400	44.9	268.5	40,400	50.3	275.8	40,600	112
115	39.0	258.8	32,300	43.0	265.4	38,800	48.5	273.2	39,200	115
120	35.3	252.1	30,500	39.7	259.6	36,400	45.5	268.5	37,000	120
125	31.2	244.3	29,000	36.0	253.0	34,400	42.3	263.2	35,000	125
130	26.6	235.1	27,700	32.0	245.5	32,500	38.9	257.2	33,100	130
135	21.0	223.4	26,800	27.5	236.5	31,000	35.1	250.4	31,400	135
136	19.5	220.1	26,800	26.4	234.3	30,700	34.3	248.8	31,100	136
140	13.3	206.6	26,500	22.2	225.4	29,700	31.0	242.6	29,800	140
143	3.7	185.0	26,500	17.9	216.2	29,200	28.2	237.0	28,900	143
145				15.0	210.0	28,900	26.4	233.2	28,300	145
149				2.9	183.0	28,400	21.8	223.8	27,200	149
150							20.7	221.4	26,900	150
155							12.8	204.2	25,600	155
157							7.5	192.4	25,000	157
159										159
160										160
165										165
166										166
170										170
175										175
180										180
181										181
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190										190
195										195
200										200
208										208

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ASME B30.5



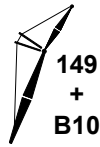
184,600 lb
+
44,000 lb



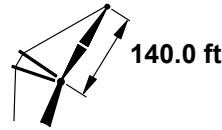
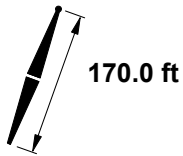
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
46													46
50													50
55													55
57													57
60													60
65													65
70													70
72													72
75													75
80													80
85													85
87	67.8	295.1	53,200										87
90	66.4	293.8	50,800										90
95	63.9	291.4	47,300										95
100	61.5	288.8	44,200										100
105	58.9	285.9	41,400										105
110	56.3	282.6	38,900										110
112	55.2	281.2	37,900	62.7	286.7	33,400							112
115	53.6	279.0	36,600	61.2	285.1	32,200							115
120	50.7	275.1	34,500	58.6	282.1	30,300							120
125	47.8	270.7	32,600	56.0	278.8	28,600							125
130	44.7	265.8	30,800	53.2	275.2	27,000							130
135	41.5	260.3	29,200	50.4	271.2	25,600							135
136	40.8	259.1	28,900	49.8	270.3	25,300	57.6	276.2	21,800				136
140	38.0	254.2	27,700	47.5	266.7	24,200	55.5	273.5	20,800				140
143	35.7	250.0	26,900	45.6	263.8	23,500	53.8	271.3	20,200				143
145	34.2	247.2	26,300	44.4	261.8	23,000	52.7	269.8	19,700				145
149	30.8	240.7	25,300	41.7	257.4	22,000	50.5	266.6	18,900				149
150	30.0	239.0	25,000	41.1	256.3	21,800	49.9	265.8	18,700				150
155	25.1	229.2	23,800	37.6	250.1	20,700	46.9	261.2	17,700				155
157	22.7	224.1	23,300	36.0	247.2	20,300	45.7	259.2	17,300				157
159	20.3	219.1	22,900	34.5	244.4	19,900	44.4	257.2	17,000	52.5	263.7	13,900	159
160	19.1	216.5	22,600	33.7	242.9	19,700	43.8	256.2	16,800	52.0	262.9	13,800	160
165	10.0	196.4	21,500	29.5	234.6	18,700	40.5	250.6	15,900	49.1	258.7	13,000	165
166	6.7	189.1	21,200	28.5	232.6	18,500	39.8	249.3	15,800	48.5	257.8	12,800	166
170				24.5	224.6	17,800	36.9	244.2	15,100	46.1	254.0	12,200	170
175				18.3	211.4	16,900	33.0	236.9	14,400	42.9	248.8	11,500	175
180				8.3	189.3	16,100	28.6	228.3	13,600	39.5	243.0	10,800	180
181				3.6	178.6	15,800	27.6	226.2	13,500	38.8	241.7	10,700	181
185							23.5	217.8	12,900	35.9	236.4	10,100	185
190							16.9	203.8	12,200	31.8	228.8	9,500	190
195							4.2	175.4	11,500	27.3	219.8	8,900	195
200										21.9	208.6	8,300	200
208										7.3	176.5	7,400	208

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184,600 lb
+
44,000 lb



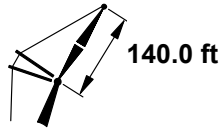
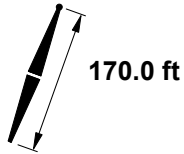
ft	88°			86°			83°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
49	75.7	313.4	57,600 b							49
50	75.3	313.1	57,500 b							50
55	73.2	311.6	55,500 b							55
59	71.4	310.3	54,500 b	74.0	311.8	66,400				59
60	71.0	310.0	54,200	73.5	311.5	66,300				60
65	68.8	308.1	52,900	71.4	309.9	65,600				65
70	66.6	306.0	52,400	69.2	308.0	64,700				70
75	64.3	303.6	51,200	67.0	306.0	61,600	70.9	308.5	64,800	75
80	62.0	301.0	49,000	64.8	303.7	58,400	68.7	306.6	62,800	80
85	59.7	298.2	46,000	62.5	301.1	55,200	66.5	304.5	58,000	85
90	57.3	295.1	43,100	60.1	298.3	52,000	64.2	302.2	53,800	90
91	56.8	294.4	42,600	59.6	297.7	51,400	63.8	301.6	53,100	91
95	54.8	291.6	40,500	57.7	295.3	48,900	61.9	299.6	50,100	95
100	52.2	287.8	38,000	55.2	291.9	46,000	59.6	296.7	46,800	100
105	49.6	283.7	35,700	52.7	288.2	43,200	57.1	293.5	43,800	105
110	46.8	279.1	33,500	50.0	284.1	40,500	54.7	290.1	41,100	110
115	43.9	274.1	31,500	47.3	279.6	38,200	52.1	286.3	38,700	115
116	43.3	273.0	31,100	46.7	278.6	37,700	51.5	285.5	38,300	116
120	40.8	268.5	29,700	44.4	274.7	35,900	49.4	282.1	36,500	120
125	37.5	262.3	28,100	41.4	269.2	33,700	46.7	277.6	34,500	125
130	34.0	255.2	26,700	38.2	263.1	31,800	43.7	272.5	32,600	130
135	30.1	247.0	25,500	34.7	256.2	30,100	40.7	266.9	30,900	135
140	25.6	237.3	24,500	30.8	248.2	28,700	37.4	260.6	29,400	140
141	24.5	234.9	24,400	30.0	246.3	28,400	36.7	259.2	29,100	141
145	20.2	225.2	23,700	26.5	238.9	27,300	33.8	253.5	27,900	145
150	12.8	207.7	23,500	21.3	227.3	26,300	29.9	245.2	26,500	150
153	3.5	185.2	23,500	17.2	217.7	26,000	27.2	239.4	25,700	153
155				14.4	211.3	25,700	25.4	235.5	25,200	155
159				2.8	183.1	25,100	21.0	225.6	24,300	159
160							19.9	223.2	24,000	160
165							12.3	205.3	22,800	165
167							7.2	193.0	22,400	167
170										170
175										175
176										176
180										180
185										185
190										190
191										191
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200										200
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218										218

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ASME B30.5



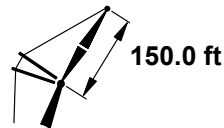
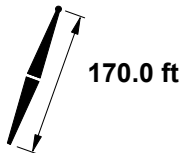
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
49													49
50													50
55													55
59													59
60													60
65													65
70													70
75													75
80													80
85													85
90													90
91	67.7	304.3	49,500										91
95	65.9	302.5	46,700										95
100	63.7	300.1	43,600										100
105	61.4	297.4	40,800										105
110	59.0	294.5	38,300										110
115	56.5	291.3	36,000										115
116	56.0	290.6	35,600	63.0	295.9	31,200							116
120	54.0	287.8	34,000	61.1	293.7	29,700							120
125	51.5	283.9	32,100	58.7	290.8	28,000							125
130	48.8	279.6	30,300	56.3	287.5	26,500							130
135	46.0	274.9	28,700	53.8	283.9	25,000							135
140	43.0	269.8	27,200	51.2	280.0	23,700							140
141	42.4	268.6	26,900	50.6	279.2	23,400	57.8	284.9	20,000				141
145	39.9	264.0	25,800	48.5	275.7	22,400	55.8	282.2	19,100				145
150	36.5	257.5	24,500	45.6	271.0	21,300	53.3	278.6	18,100				150
153	34.3	253.1	23,800	43.8	267.8	20,600	51.7	276.2	17,500				153
155	32.9	250.1	23,300	42.7	265.7	20,200	50.7	274.6	17,100				155
159	29.7	243.3	22,400	40.1	261.1	19,400	48.5	271.1	16,400				159
160	28.8	241.6	22,200	39.5	259.9	19,200	47.9	270.2	16,200				160
165	24.2	231.3	21,100	36.1	253.3	18,200	45.1	265.4	15,300	52.6	271.7	12,000	165
167	21.8	226.1	20,700	34.7	250.3	17,900	43.9	263.3	15,000	51.5	270.1	11,700	167
170	18.4	218.1	20,100	32.5	245.9	17,300	42.1	260.1	14,500	49.9	267.6	11,300	170
175	9.6	197.2	19,100	28.4	237.1	16,500	38.9	254.1	13,800	47.2	263.1	10,600	175
176	6.4	189.6	18,900	27.4	235.0	16,300	38.2	252.8	13,700	46.6	262.1	10,400	176
180				23.6	226.6	15,700	35.5	247.4	13,100	44.3	258.1	9,900	180
185				17.6	212.9	14,900	31.7	239.7	12,400	41.3	252.6	9,300	185
190				8.0	189.9	14,100	27.5	230.7	11,800	38.0	246.5	8,700	190
191				3.4	178.9	13,900	26.5	228.5	11,600	37.3	245.1	8,600	191
195							22.6	219.8	11,100	34.5	239.5	8,100	195
200							16.3	205.2	10,500	30.6	231.5	7,500	200
205							4.1	175.8	9,700	26.3	222.1	7,000	205
210										21.1	210.4	6,500	210
218										7.0	177.1	5,600	218

MLC250 S-2

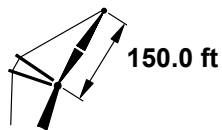
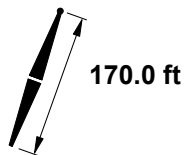
ASME B30.5



	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
51	75.9	323.2	53,000 b							51
55	74.3	322.1	52,400 b							55
60	72.3	320.5	51,300							60
62	71.5	319.8	50,500	73.9	321.4	59,000				62
65	70.3	318.8	49,400	72.7	320.4	59,000				65
70	68.2	316.8	49,000	70.7	318.7	59,000				70
75	66.2	314.7	47,900	68.6	316.8	58,900				75
78	64.9	313.3	47,300	67.4	315.5	57,200	71.0	318.1	59,000	78
80	64.0	312.3	46,800	66.5	314.7	56,100	70.2	317.3	59,000	80
85	61.9	309.7	44,900	64.4	312.4	53,400	68.1	315.4	57,800	85
90	59.7	306.8	42,300	62.3	309.8	50,600	66.1	313.2	53,600	90
95	57.4	303.7	39,700	60.1	307.0	47,900	63.9	310.8	49,900	95
100	55.1	300.3	37,400	57.9	303.9	45,200	61.8	308.2	46,600	100
105	52.8	296.6	35,200	55.6	300.6	42,600	59.6	305.4	43,600	105
110	50.3	292.6	33,100	53.2	296.9	40,100	57.3	302.2	41,000	110
115	47.8	288.2	31,300	50.8	293.0	37,800	55.0	298.8	38,500	115
120	45.1	283.3	29,400	48.2	288.6	35,600	52.6	295.1	36,300	120
121	44.5	282.3	29,100	47.7	287.7	35,200	52.1	294.3	35,900	121
125	42.3	278.0	27,800	45.6	283.9	33,700	50.2	291.0	34,300	125
130	39.4	272.1	26,300	42.8	278.6	31,800	47.6	286.6	32,500	130
135	36.2	265.5	25,000	39.9	272.9	29,900	45.0	281.7	30,800	135
140	32.8	258.1	23,800	36.8	266.4	28,400	42.2	276.4	29,200	140
145	29.0	249.6	22,800	33.4	259.2	26,900	39.2	270.5	27,800	145
146	28.1	247.6	22,700	32.7	257.5	26,700	38.6	269.1	27,500	146
150	24.7	239.5	22,000	29.7	250.9	25,700	36.0	263.9	26,400	150
155	19.5	226.9	21,400	25.5	241.1	24,600	32.6	256.4	25,100	155
160	12.3	208.8	21,100	20.6	229.1	23,800	28.8	247.8	23,900	160
163	3.4	185.5	21,100	16.6	219.1	23,500	26.2	241.7	23,300	163
165				13.9	212.5	23,300	24.5	237.6	22,800	165
169				2.7	183.3	22,500	20.3	227.4	22,000	169
170							19.2	224.9	21,700	170
171							17.8	221.1	21,500	171
175							11.9	206.3	20,700	175
177							7.0	193.6	20,300	177
180										180
185										185
186										186
190										190
195										195
200										200
201										201
210										210
215										215
220										220

MLC250 S-2

ASME B30.5



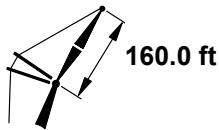
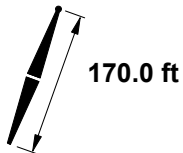
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
51													51
55													55
60													60
62													62
65													65
70													70
75													75
78													78
80													80
85													85
90													90
95	67.6	313.4	46,600										95
100	65.6	311.2	43,400										100
105	63.4	308.8	40,600										105
110	61.3	306.1	38,100										110
115	59.0	303.2	35,800										115
120	56.8	300.0	33,800										120
121	56.3	299.3	33,400	62.8	304.6	29,200							121
125	54.5	296.5	31,900	61.0	302.4	27,800							125
130	52.1	292.7	30,100	58.8	299.4	26,300							130
135	49.6	288.6	28,500	56.5	296.2	24,800							135
140	47.0	284.0	27,100	54.2	292.7	23,500							140
145	44.3	279.0	25,700	51.8	288.9	22,200							145
146	43.7	277.9	25,400	51.3	288.0	22,000	57.9	293.6	18,700				146
150	41.5	273.6	24,400	49.3	284.7	21,100	56.1	290.9	17,900				150
155	38.5	267.5	23,200	46.7	280.1	20,000	53.8	287.4	16,900				155
160	35.2	260.7	22,100	44.0	275.1	19,000	51.3	283.5	16,000				160
163	33.1	256.1	21,500	42.3	271.7	18,500	49.8	280.9	15,500				163
165	31.7	253.0	21,000	41.1	269.5	18,100	48.8	279.2	15,200				165
169	28.6	245.9	20,200	38.7	264.6	17,400	46.7	275.5	14,500				169
170	27.8	244.1	20,000	38.1	263.4	17,200	46.2	274.5	14,400				170
171	26.9	241.9	19,800	37.5	262.0	17,000	45.7	273.5	14,200	52.6	279.7	10,800	171
175	23.3	233.4	19,100	34.9	256.5	16,300	43.5	269.4	13,600	50.7	276.5	10,300	175
177	21.1	227.9	18,700	33.4	253.3	16,000	42.3	267.2	13,300	49.6	274.7	10,000	177
180	17.7	219.7	18,200	31.3	248.7	15,600	40.6	263.8	12,900	48.1	272.1	9,600	180
185	9.2	198.0	17,300	27.4	239.6	14,800	37.5	257.5	12,200	45.5	267.3	9,000	185
186	6.2	190.1	17,100	26.4	237.4	14,700	36.9	256.1	12,100	44.9	266.3	8,900	186
190				22.8	228.6	14,100	34.2	250.5	11,600	42.7	262.1	8,400	190
195				17.0	214.4	13,400	30.6	242.5	10,900	39.8	256.3	7,800	195
200				7.7	190.6	12,700	26.6	233.1	10,300	36.7	249.8	7,300	200
201				3.3	179.1	12,500	25.5	230.4	10,100	35.9	248.2	7,200	201
210							15.7	206.6	9,100	29.6	234.2	6,300	210
215							3.9	176.0	8,400	25.3	224.3	5,800	215
220										20.3	212.2	5,300	220

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ASME B30.5



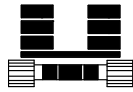
184,600 lb
+
44,000 lb



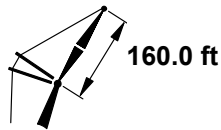
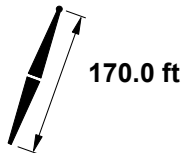
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
54	75.7	332.7	48,600 b						54	
55	75.3	332.4	48,500 b						55	
60	73.5	331.0	47,700						60	
65	71.6	329.4	46,700	73.8	330.9	55,800			65	
70	69.7	327.6	45,700	71.9	329.3	55,400			70	
75	67.7	325.6	44,800	70.0	327.5	54,800			75	
80	65.8	323.4	43,800	68.1	325.6	53,400			80	
82	65.0	322.4	43,500	67.3	324.7	52,400	70.7	327.2	54,400	82
85	63.8	321.0	42,900	66.1	323.4	51,000	69.6	326.1	54,400	85
90	61.8	318.4	40,800	64.2	321.1	48,600	67.7	324.1	53,100	90
95	59.7	315.5	38,500	62.2	318.5	46,200	65.7	321.9	49,400	95
98	58.4	313.6	37,200	60.9	316.8	44,700	64.5	320.5	47,400	98
100	57.6	312.4	36,300	60.1	315.7	43,800	63.7	319.5	46,100	100
105	55.4	309.0	34,200	58.0	312.6	41,400	61.7	316.9	43,100	105
110	53.2	305.4	32,300	55.9	309.3	39,100	59.6	314.0	40,500	110
115	50.9	301.4	30,500	53.6	305.7	36,900	57.5	310.9	38,100	115
120	48.6	297.1	28,800	51.4	301.8	34,900	55.3	307.5	35,900	120
125	46.1	292.5	27,100	49.0	297.6	33,000	53.1	303.9	33,900	125
130	43.6	287.3	25,700	46.6	293.0	31,100	50.8	299.9	32,000	130
135	40.9	281.7	24,400	44.1	287.9	29,600	48.5	295.6	30,300	135
140	38.0	275.6	23,200	41.4	282.4	27,900	46.0	290.9	28,800	140
145	35.0	268.7	22,000	38.6	276.4	26,400	43.5	285.7	27,300	145
150	31.7	261.0	21,100	35.6	269.6	25,100	40.8	280.1	26,000	150
152	30.2	257.4	20,800	34.3	266.6	24,600	39.6	277.6	25,500	152
155	28.1	252.1	20,300	32.3	262.1	23,900	37.9	273.9	24,700	155
160	23.9	241.6	19,600	28.8	253.4	22,900	34.9	267.0	23,500	160
165	18.9	228.5	19,200	24.7	243.3	22,000	31.5	259.2	22,400	165
170	11.9	209.8	19,100	19.9	230.8	21,300	27.9	250.3	21,400	170
173	3.2	185.7	19,100	16.0	220.5	21,100	25.4	243.9	20,800	173
175				13.5	213.6	20,900	23.7	239.7	20,400	175
177				8.0	198.6	20,400	21.7	234.4	20,000	177
179				2.6	183.5	19,800	19.6	229.1	19,600	179
180							18.6	226.5	19,400	180
185							11.5	207.3	18,500	185
187							6.7	194.1	18,100	187
190										190
195										195
196										196
200										200
205										205
210										210
211										211
220										220
225										225

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



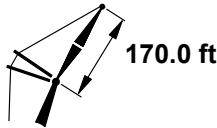
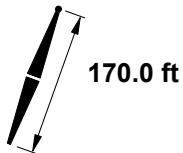
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
54													54
55													55
60													60
65													65
70													70
75													75
80													80
82													82
85													85
90													90
95													95
98	68.0	323.0	44,100										98
100	67.2	322.2	42,900										100
105	65.2	319.9	40,100										105
110	63.2	317.5	37,600										110
115	61.2	314.8	35,300										115
120	59.1	311.8	33,200										120
125	57.0	308.7	31,400	63.0	313.8	27,200							125
130	54.8	305.2	29,600	61.0	311.1	25,700							130
135	52.6	301.5	28,000	58.9	308.1	24,200							135
140	50.3	297.4	26,600	56.7	304.9	22,900							140
145	47.9	293.0	25,200	54.6	301.4	21,700							145
150	45.4	288.2	23,900	52.3	297.6	20,500							150
152	44.4	286.1	23,400	51.4	296.0	20,100	57.6	301.6	16,800				152
155	42.8	283.0	22,700	50.0	293.6	19,500	56.4	299.6	16,300				155
160	40.1	277.2	21,600	47.6	289.1	18,500	54.2	296.1	15,400				160
165	37.2	270.9	20,600	45.1	284.3	17,500	51.9	292.3	14,500				165
170	34.1	263.8	19,600	42.5	279.0	16,700	49.6	288.1	13,700				170
173	32.0	259.0	19,000	40.9	275.5	16,200	48.1	285.4	13,200				173
175	30.7	255.7	18,700	39.8	273.1	15,800	47.2	283.6	12,900				175
177	29.2	252.0	18,300	38.6	270.6	15,500	46.2	281.6	12,600	52.6	287.7	9,100	177
179	27.7	248.3	18,000	37.4	268.0	15,200	45.2	279.7	12,300	51.7	286.1	8,800	179
180	26.9	246.5	17,800	36.8	266.7	15,100	44.7	278.7	12,100	51.3	285.3	8,700	180
185	22.6	235.4	17,000	33.7	259.5	14,300	42.0	273.3	11,400	48.9	281.1	8,100	185
187	20.4	229.7	16,600	32.3	256.3	14,000	40.9	270.9	11,200	47.9	279.2	7,900	187
190	17.2	221.2	16,100	30.3	251.4	13,600	39.2	267.4	10,800	46.5	276.4	7,500	190
195	8.9	198.8	15,300	26.5	241.9	12,900	36.3	260.8	10,100	43.9	271.4	7,000	195
196	6.0	190.6	15,200	25.6	239.6	12,800	35.6	259.3	10,000	43.4	270.3	6,900	196
200				22.0	230.6	12,300	33.1	253.5	9,500	41.3	265.9	6,400	200
205				16.4	215.8	11,700	29.6	245.1	8,900	38.5	259.8	5,900	205
210				7.4	191.2	11,000	25.7	235.4	8,400	35.4	253.0	5,500	210
211				3.2	179.4	10,900	24.6	232.6	8,200				211
220							15.2	207.9	7,300				220
225							3.8	176.3	6,700				225

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



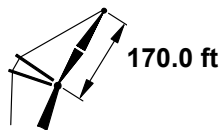
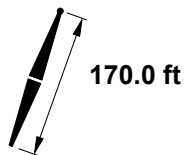
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
56	75.9	342.5	44,800 b							56
60	74.5	341.4	44,400							60
65	72.7	339.9	43,600							65
68	71.6	338.9	43,100	73.7	340.4	51,400				68
70	70.9	338.2	42,800	73.0	339.8	51,200				70
75	69.1	336.4	41,300	71.2	338.2	50,900				75
80	67.3	334.3	41,100	69.5	336.3	50,300				80
85	65.5	332.1	40,300	67.6	334.3	48,700	70.8	336.8	49,900	85
90	63.6	329.7	39,400	65.8	332.1	46,500	69.0	334.9	49,900	90
95	61.7	327.0	37,300	63.9	329.7	44,500	67.2	332.9	49,000	95
100	59.7	324.2	35,300	62.0	327.1	42,300	65.4	330.6	45,700	100
102	58.9	322.9	34,500	61.2	326.0	41,500	64.6	329.6	44,500	102
105	57.8	321.1	33,400	60.1	324.3	40,200	63.5	328.2	42,800	105
110	55.7	317.7	31,500	58.1	321.3	38,100	61.6	325.5	40,100	110
115	53.6	314.1	29,800	56.1	318.0	36,100	59.6	322.7	37,700	115
120	51.5	310.3	28,300	54.0	314.4	34,200	57.7	319.6	35,500	120
125	49.3	306.1	26,700	51.9	310.6	32,400	55.6	316.2	33,500	125
130	47.0	301.5	25,300	49.7	306.5	30,700	53.6	312.6	31,700	130
135	44.7	296.6	23,900	47.5	302.0	29,000	51.4	308.7	30,000	135
140	42.2	291.2	22,700	45.1	297.1	27,600	49.2	304.5	28,400	140
145	39.6	285.4	21,600	42.7	291.9	26,100	46.9	299.9	27,000	145
150	36.9	278.9	20,600	40.1	286.1	24,700	44.6	295.0	25,600	150
155	33.9	271.8	19,700	37.4	279.8	23,600	42.1	289.6	24,400	155
157	32.6	268.5	19,400	36.2	277.0	23,100	41.0	287.2	23,900	157
160	30.7	263.7	18,900	34.5	272.7	22,400	39.5	283.7	23,200	160
165	27.2	254.5	18,200	31.3	264.9	21,500	36.7	277.2	22,100	165
170	23.2	243.7	17,600	27.9	255.9	20,600	33.8	270.0	21,000	170
175	18.3	230.1	17,300	23.9	245.4	19,800	30.6	262.0	20,100	175
180	11.6	210.8	17,300	19.3	232.5	19,300	27.0	252.7	19,100	180
183	3.1	186.0	17,100	15.5	221.9	19,100	24.6	246.1	18,600	183
185				13.1	214.8	19,000	23.0	241.7	18,300	185
189				2.5	183.7	17,400	19.0	230.8	17,600	189
190							18.0	228.0	17,400	190
195							11.1	208.2	16,600	195
197							6.5	194.6	16,200	197
200										200
205										205
206										206
210										210
215										215
220										220
221										221
230										230
235										235

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



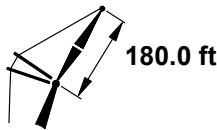
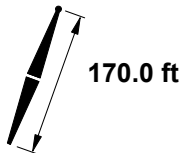
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
56													56
60													60
65													65
68													68
70													70
75													75
80													80
85													85
90													90
95													95
100													100
102	67.9	332.2	41,300										102
105	66.8	330.9	39,700										105
110	64.9	328.6	37,200										110
115	63.0	326.1	34,900										115
120	61.1	323.4	32,800										120
125	59.2	320.5	31,000										125
130	57.2	317.4	29,200	62.8	322.4	25,200							130
135	55.1	313.9	27,600	60.9	319.7	23,800							135
140	53.0	310.3	26,200	58.9	316.8	22,500							140
145	50.9	306.3	24,800	56.9	313.6	21,300							145
150	48.7	302.0	23,500	54.9	310.1	20,100							150
155	46.4	297.3	22,400	52.8	306.4	19,100							155
157	45.4	295.3	21,900	51.9	304.8	18,700	57.8	310.3	15,300				157
160	44.0	292.3	21,300	50.6	302.4	18,100	56.6	308.3	14,800				160
165	41.5	286.8	20,200	48.4	298.1	17,100	54.5	304.8	13,900				165
170	38.8	280.8	19,200	46.1	293.4	16,300	52.4	301.1	13,000				170
175	36.0	274.1	18,300	43.7	288.3	15,400	50.2	297.0	12,300				175
180	33.0	266.7	17,500	41.2	282.7	14,700	48.0	292.6	11,500				180
183	31.0	261.7	17,000	39.6	279.1	14,200	46.6	289.7	11,100	52.7	295.7	7,700	183
185	29.7	258.4	16,600	38.5	276.7	13,900	45.7	287.8	10,800	51.8	294.1	7,500	185
189	26.8	250.7	16,000	36.3	271.3	13,400	43.7	283.7	10,300	50.1	290.8	7,000	189
190	26.1	248.8	15,800	35.7	269.9	13,200	43.2	282.7	10,200	49.6	290.0	6,900	190
195	21.9	237.3	15,100	32.7	262.5	12,600	40.7	277.0	9,500	47.4	285.5	6,300	195
197	19.8	231.4	14,800	31.3	259.1	12,300	39.6	274.5	9,300	46.4	283.5	6,100	197
200	16.6	222.6	14,400	29.3	254.0	11,900	38.0	270.8	8,900	45.0	280.6	5,800	200
205	8.6	199.5	13,700	25.6	244.2	11,300	35.2	264.0	8,300	42.6	275.3	5,300	205
206	5.8	191.1	13,500	24.8	241.8	11,200	34.5	262.5	8,200				206
210				21.3	232.4	10,800	32.1	256.3	7,800				210
215				15.9	217.2	10,200	28.7	247.7	7,300				215
220				7.2	191.8	9,600	24.9	237.6	6,800				220
221				3.1	179.6	9,400	23.9	234.7	6,700				221
230							14.7	209.1	5,800				230
235							3.6	176.6	5,200				235

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



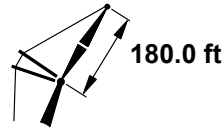
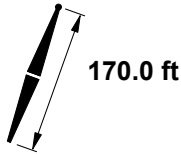
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
58	76.0	352.3	41,300						58	
60	75.3	351.8	41,100						60	
65	73.7	350.4	40,600						65	
70	72.0	348.8	39,800	74.0	350.3	47,200			70	
75	70.3	347.1	39,100	72.3	348.7	46,900			75	
80	68.6	345.1	38,400	70.6	347.0	46,600			80	
85	66.9	343.1	37,700	68.9	345.1	46,100			85	
88	65.9	341.7	37,200	67.9	343.9	45,000	70.9	346.3	45,700	88
90	65.2	340.8	37,000	67.2	343.1	44,300	70.3	345.6	45,700	90
95	63.4	338.3	35,900	65.5	340.8	42,500	68.5	343.7	45,700	95
100	61.6	335.7	34,100	63.7	338.4	40,600	66.8	341.6	45,200	100
105	59.7	332.8	32,300	61.9	335.8	38,700	65.1	339.3	42,300	105
106	59.4	332.2	32,000	61.5	335.2	38,400	64.7	338.8	41,700	106
110	57.9	329.8	30,600	60.1	333.0	36,900	63.3	336.9	39,600	110
115	56.0	326.4	29,000	58.2	329.9	35,100	61.5	334.2	37,200	115
120	54.0	322.9	27,500	56.3	326.7	33,400	59.7	331.3	35,000	120
125	52.0	319.1	26,000	54.4	323.2	31,600	57.8	328.2	33,000	125
130	50.0	315.0	24,800	52.4	319.4	30,000	55.9	324.9	31,200	130
134	48.2	311.4	23,700	50.7	316.2	28,800	54.3	322.1	29,800	134
135	47.8	310.5	23,500	50.3	315.3	28,500	53.9	321.4	29,500	135
140	45.6	305.7	22,300	48.2	311.0	27,000	51.9	317.5	27,900	140
145	43.3	300.6	21,100	46.0	306.3	25,700	49.9	313.4	26,500	145
150	40.9	295.0	20,100	43.8	301.2	24,500	47.7	309.0	25,200	150
155	38.4	288.9	19,200	41.4	295.7	23,300	45.5	304.2	23,900	155
160	35.8	282.1	18,400	38.9	289.6	22,000	43.2	299.0	22,700	160
162	34.6	279.2	18,100	37.8	287.0	21,600	42.3	296.7	22,300	162
165	32.9	274.7	17,600	36.3	283.0	21,100	40.8	293.3	21,600	165
170	29.8	266.4	16,900	33.5	275.8	20,100	38.3	287.2	20,600	170
175	26.4	256.8	16,400	30.4	267.6	19,300	35.6	280.5	19,600	175
180	22.5	245.6	16,000	27.1	258.3	18,600	32.8	273.0	18,700	180
185	17.8	231.7	15,600	23.3	247.5	18,000	29.7	264.6	17,800	185
190	11.2	211.7	15,600	18.7	234.1	17,500	26.2	255.0	17,000	190
193	3.0	186.2	14,800	15.1	223.2	17,400	23.9	248.2	16,500	193
195				12.7	215.9	17,300	22.3	243.7	16,200	195
199				2.4	183.8	15,100	18.5	232.4	15,600	199
200							17.5	229.6	15,500	200
205							10.8	209.1	14,700	205
207							6.3	195.2	14,400	207
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216										216
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231										231

MLC250 S-2

ASME B30.5



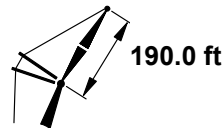
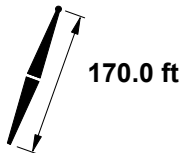
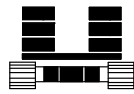
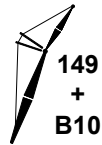
184,600 lb
+
44,000 lb



	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
58										58
60										60
65										65
70										70
75										75
80										80
85										85
88										88
90										90
95										95
100										100
105										105
106	67.8	341.4	38,600							106
110	66.4	339.6	36,600							110
115	64.6	337.3	34,400							115
120	62.9	334.8	32,300							120
125	61.1	332.1	30,400							125
130	59.2	329.2	28,700							130
134	57.7	326.7	27,400	63.0	331.6	23,500				134
135	57.3	326.0	27,100	62.7	331.1	23,200				135
140	55.4	322.7	25,700	60.8	328.4	21,900				140
145	53.4	319.0	24,300	59.0	325.4	20,700				145
150	51.4	315.1	23,000	57.1	322.3	19,600				150
155	49.3	310.9	21,900	55.2	318.9	18,500				155
160	47.2	306.4	20,800	53.2	315.2	17,500				160
162	46.3	304.4	20,300	52.4	313.6	17,100	57.9	319.0	13,500	162
165	45.0	301.5	19,700	51.2	311.3	16,600	56.8	317.0	13,000	165
170	42.7	296.2	18,800	49.1	307.0	15,700	54.8	313.6	12,200	170
175	40.2	290.5	17,800	47.0	302.5	14,900	52.9	309.8	11,400	175
180	37.7	284.2	17,000	44.7	297.5	14,100	50.8	305.9	10,700	180
185	35.0	277.3	16,200	42.4	292.2	13,400	48.7	301.6	10,000	185
190	32.0	269.6	15,400	40.0	286.4	12,700	46.5	296.9	9,300	190
193	30.1	264.4	15,000	38.4	282.6	12,300	45.2	293.9	9,000	193
195	28.9	261.0	14,700	37.4	280.0	12,100	44.3	291.9	8,700	195
199	26.0	253.0	14,100	35.2	274.5	11,500	42.4	287.6	8,200	199
200	25.3	251.0	14,000	34.6	273.1	11,400	42.0	286.5	8,100	200
205	21.2	239.2	13,300	31.7	265.3	10,700	39.5	280.6	7,600	205
207	19.2	233.1	13,000	30.4	261.8	10,500	38.5	278.0	7,300	207
210	16.1	224.0	12,600	28.5	256.5	10,100	36.9	274.2	7,000	210
215	8.4	200.2	12,000	24.9	246.4	9,500	34.1	267.1	6,500	215
216				24.1	244.0	9,400	33.5	265.5	6,400	216
220	5.6	191.5	11,800	20.7	234.3	8,900	31.1	259.1	6,000	220
230				7.0	192.4	7,800	24.2	239.7	5,100	230
231				3.0	179.8	7,600				231

MLC250 S-2

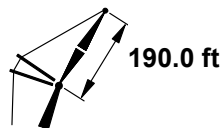
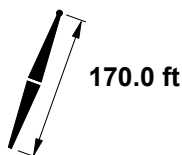
ASME B30.5



	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
61	75.8	361.9	38,000						61	
65	74.6	360.8	37,700						65	
70	73.0	359.3	37,100						70	
73	72.0	358.3	36,700	73.9	359.8	43,400			73	
75	71.4	357.7	36,500	73.3	359.2	43,300			75	
80	69.8	355.9	35,800	71.7	357.6	43,000			80	
85	68.2	353.9	35,200	70.1	355.8	42,700			85	
90	66.5	351.8	34,600	68.5	353.9	42,100			90	
91	66.2	351.3	34,500	68.2	353.5	41,800	71.0	355.9	41,900	91
95	64.9	349.5	34,000	66.9	351.8	40,600	69.7	354.4	41,900	95
100	63.2	347.0	32,900	65.2	349.5	38,900	68.1	352.5	41,900	100
105	61.5	344.4	31,300	63.5	347.1	37,300	66.5	350.3	41,700	105
109	60.1	342.1	30,000	62.2	345.0	36,000	65.1	348.5	39,800	109
110	59.8	341.5	29,700	61.8	344.5	35,600	64.8	348.0	39,400	110
115	58.0	338.4	28,200	60.1	341.6	34,100	63.1	345.5	37,000	115
120	56.2	335.1	26,800	58.3	338.6	32,400	61.4	342.9	34,800	120
125	54.3	331.6	25,400	56.5	335.4	30,900	59.7	340.0	32,800	125
130	52.5	327.9	24,200	54.7	331.9	29,400	57.9	336.9	31,000	130
135	50.5	323.8	23,000	52.8	328.2	27,900	56.1	333.6	29,300	135
139	48.9	320.4	22,100	51.3	325.0	26,800	54.6	330.8	28,000	139
140	48.5	319.5	21,900	50.9	324.2	26,600	54.3	330.1	27,700	140
145	46.5	314.8	20,800	48.9	319.9	25,200	52.4	326.3	26,300	145
150	44.3	309.8	19,700	46.9	315.3	24,000	50.4	322.3	24,900	150
155	42.1	304.5	18,800	44.7	310.4	22,800	48.4	317.9	23,700	155
160	39.8	298.6	18,000	42.5	305.1	21,900	46.4	313.3	22,500	160
165	37.4	292.3	17,200	40.2	299.3	20,800	44.2	308.2	21,400	165
167	36.3	289.5	16,900	39.3	296.8	20,400	43.3	306.1	21,000	167
170	34.8	285.3	16,500	37.8	293.1	19,800	42.0	302.8	20,400	170
175	32.0	277.6	15,900	35.3	286.2	18,900	39.7	297.0	19,400	175
180	29.0	269.0	15,300	32.5	278.7	18,200	37.2	290.6	18,500	180
185	25.7	259.1	14,800	29.6	270.2	17,400	34.6	283.6	17,700	185
190	21.9	247.6	14,400	26.3	260.7	16,800	31.9	275.9	16,800	190
195	17.3	233.2	14,200	22.6	249.5	16,300	28.9	267.2	16,100	195
200	10.9	212.7	14,200	18.2	235.7	16,000	25.5	257.3	15,300	200
203	2.9	186.4	13,000	12.9	218.5	15,100	23.0	249.4	14,900	203
209				2.3	184.0	13,300	17.9	233.7	14,100	209
210							17.0	231.1	13,900	210
217							6.1	195.7	13,000	217
220										220
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226										226
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241										241

MLC250 S-2

ASME B30.5



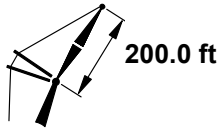
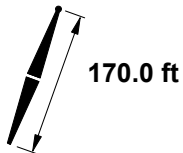
	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
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70										70
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75										75
80										80
85										85
90										90
91										91
95										95
100										100
105										105
109	68.0	350.9	36,900							109
110	67.7	350.5	36,400							110
115	66.1	348.4	34,100							115
120	64.4	346.0	32,100							120
125	62.7	343.5	30,200							125
130	61.0	340.8	28,500							130
135	59.3	337.8	26,900							135
139	57.8	335.3	25,700	62.9	340.3	21,900				139
140	57.5	334.7	25,400	62.5	339.8	21,700				140
145	55.7	331.4	24,100	60.8	337.0	20,500				145
150	53.8	327.8	22,800	59.1	334.1	19,300				150
155	51.9	323.9	21,600	57.3	330.9	18,300				155
160	49.9	319.8	20,500	55.5	327.6	17,300				160
165	47.9	315.4	19,500	53.6	323.9	16,400				165
167	47.1	313.5	19,100	52.8	322.4	16,000	58.0	327.6	12,300	167
170	45.9	310.6	18,600	51.7	320.1	15,500	56.9	325.7	11,800	170
175	43.7	305.5	17,600	49.7	315.9	14,700	55.1	322.3	11,000	175
180	41.5	300.0	16,800	47.7	311.5	13,900	53.2	318.6	10,300	180
185	39.1	294.0	16,000	45.6	306.7	13,200	51.3	314.7	9,600	185
190	36.6	287.5	15,200	43.5	301.5	12,400	49.4	310.5	9,000	190
195	34.0	280.4	14,500	41.2	296.0	11,700	47.3	306.0	8,400	195
200	31.2	272.4	13,800	38.8	289.9	11,100	45.2	301.1	7,800	200
203	29.2	266.6	13,400	37.3	285.8	10,700	43.9	297.9	7,500	203
209	25.3	255.1	12,600	34.2	277.5	9,900	41.2	291.3	6,800	209
210	24.6	253.2	12,500	33.7	276.1	9,800	40.8	290.3	6,700	210
217	18.4	233.7	11,600	29.5	264.1	9,000	37.3	281.3	6,000	217
220	15.7	225.4	11,300	27.7	259.0	8,700	35.9	277.4	5,700	220
225	8.2	200.9	10,700	24.2	248.5	8,100	33.2	270.0	5,200	225
226				23.4	246.0	8,000				226
230				20.1	236.0	7,600				230
240				6.8	192.9	6,500				240
241				2.9	180.0	6,400				241

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



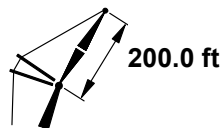
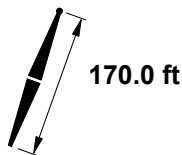
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
63	76.0	371.7	34,900							63
65	75.4	371.2	34,800							65
70	73.9	369.8	34,500							70
75	72.4	368.2	33,900							75
76	72.1	367.9	33,800	73.8	369.4	39,800				76
80	70.9	366.5	33,400	72.6	368.1	39,500				80
85	69.3	364.7	32,800	71.1	366.5	39,300				85
90	67.8	362.7	32,300	69.6	364.6	39,000				90
95	66.2	360.5	31,800	68.1	362.7	38,400	70.8	365.1	38,300	95
100	64.6	358.2	31,200	66.5	360.5	37,100	69.3	363.2	38,200	100
105	63.0	355.7	30,100	64.9	358.2	35,600	67.7	361.2	38,200	105
110	61.4	353.0	28,700	63.3	355.8	34,200	66.2	359.0	38,000	110
113	60.4	351.3	27,900	62.4	354.2	33,400	65.2	357.6	37,100	113
115	59.8	350.2	27,400	61.7	353.1	32,800	64.6	356.7	36,500	115
120	58.1	347.1	26,000	60.1	350.3	31,400	63.0	354.2	34,300	120
125	56.4	343.8	24,700	58.4	347.3	30,000	61.3	351.5	32,300	125
130	54.6	340.3	23,600	56.7	344.1	28,600	59.7	348.7	30,500	130
135	52.9	336.6	22,400	55.0	340.6	27,200	58.0	345.6	28,800	135
140	51.0	332.7	21,300	53.2	336.9	25,900	56.3	342.3	27,300	140
143	49.9	330.1	20,700	52.1	334.6	25,200	55.3	340.2	26,400	143
145	49.1	328.4	20,300	51.4	333.0	24,700	54.6	338.8	25,800	145
150	47.2	323.9	19,400	49.5	328.8	23,500	52.8	335.1	24,500	150
155	45.2	319.0	18,500	47.6	324.4	22,500	50.9	331.1	23,200	155
160	43.1	313.8	17,600	45.6	319.6	21,400	49.1	326.9	22,100	160
165	41.0	308.2	16,800	43.5	314.4	20,400	47.1	322.3	21,000	165
170	38.7	302.1	16,100	41.4	308.9	19,500	45.1	317.4	20,000	170
173	37.3	298.2	15,700	40.1	305.3	19,000	43.9	314.3	19,400	173
175	36.4	295.5	15,400	39.2	302.9	18,700	43.0	312.2	19,000	175
180	33.9	288.3	14,800	36.8	296.4	17,800	40.9	306.6	18,100	180
185	31.2	280.4	14,300	34.3	289.3	17,100	38.6	300.5	17,200	185
190	28.2	271.5	13,800	31.7	281.5	16,400	36.3	293.9	16,400	190
195	25.0	261.3	13,400	28.8	272.8	15,800	33.7	286.6	15,600	195
200	21.3	249.4	13,100	25.6	262.9	15,300	31.0	278.6	14,900	200
205	16.8	234.6	13,000	22.0	251.4	14,900	28.1	269.7	14,200	205
210	10.6	213.6	13,000	17.7	237.3	14,600	24.8	259.5	13,500	210
213	2.8	186.6	11,100	14.3	225.7	14,400	22.6	252.3	13,200	213
215				12.0	217.9	14,300	21.1	247.5	12,900	215
219				2.3	184.2	11,400	17.5	235.5	12,400	219
220							16.6	232.5	12,300	220
227							6.0	196.2	11,400	227
230										230
236										236
240										240
245										245

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



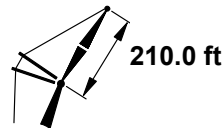
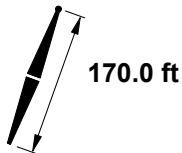
	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
63										63
65										65
70										70
75										75
76										76
80										80
85										85
90										90
95										95
100										100
105										105
110										110
113	68.0	360.1	34,500							113
115	67.3	359.3	33,600							115
120	65.8	357.1	31,600							120
125	64.2	354.7	29,700							125
130	62.6	352.1	28,000							130
135	60.9	349.4	26,400							135
140	59.3	346.5	24,900							140
143	58.3	344.6	24,100	63.0	349.5	20,400				143
145	57.6	343.4	23,600	62.4	348.4	19,900				145
150	55.9	340.1	22,300	60.8	345.7	18,800				150
155	54.1	336.5	21,200	59.1	342.8	17,700				155
160	52.3	332.7	20,100	57.4	339.6	16,700				160
165	50.5	328.7	19,000	55.7	336.3	15,800				165
170	48.6	324.4	18,100	53.9	332.7	14,900				170
173	47.4	321.6	17,500	52.8	330.4	14,400	57.8	335.7	10,500	173
175	46.6	319.7	17,200	52.1	328.9	14,000	57.1	334.4	10,200	175
180	44.6	314.8	16,300	50.3	324.8	13,200	55.4	331.0	9,500	180
185	42.5	309.5	15,500	48.4	320.4	12,400	53.6	327.4	8,800	185
190	40.4	303.7	14,700	46.4	315.8	11,700	51.8	323.5	8,200	190
195	38.1	297.5	14,000	44.4	310.8	11,000	49.9	319.4	7,600	195
200	35.7	290.7	13,300	42.3	305.4	10,300	48.0	315.0	7,000	200
205	33.1	283.3	12,700	40.1	299.6	9,700	46.1	310.3	6,400	205
210	30.3	275.1	12,100	37.8	293.4	9,100	44.0	305.2	5,900	210
213	28.5	269.6	11,700	36.3	289.3	8,700	42.7	301.9	5,600	213
215	27.3	265.9	11,500	35.4	286.5	8,500	41.9	299.8	5,400	215
219	24.7	257.4	11,000	33.3	280.5	8,100				219
220	24.0	255.3	10,900	32.8	279.0	7,900				220
227	17.9	235.3	10,100	28.7	266.7	7,200				227
230	15.3	226.7	9,800	27.0	261.4	6,900				230
236	5.3	192.4	9,100	22.6	247.2	6,300				236
240				19.6	237.7	5,900				240
245				14.7	221.1	5,500				245

MLC250 S-2

ASME B30.5



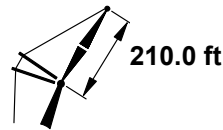
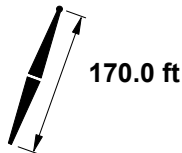
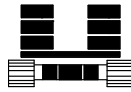
184,600 lb
+
44,000 lb



	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
66	75.8	381.3	32,100						66	
70	74.7	380.2	31,900						70	
75	73.2	378.7	31,600						75	
79	72.1	377.4	31,200	73.8	378.9	36,500			79	
80	71.8	377.1	31,100	73.5	378.6	36,500			80	
85	70.4	375.3	30,600	72.1	377.0	36,200			85	
90	68.9	373.5	30,100	70.6	375.3	36,000			90	
95	67.4	371.4	29,700	69.2	373.4	35,800			95	
98	66.5	370.1	29,400	68.3	372.2	35,500	70.9	374.6	35,000	98
100	65.9	369.2	29,200	67.7	371.4	35,300	70.3	373.9	35,000	100
105	64.4	366.9	28,800	66.2	369.2	34,100	68.8	372.0	34,900	105
110	62.9	364.4	27,700	64.7	366.9	32,800	67.4	370.0	34,800	110
115	61.4	361.7	26,500	63.2	364.4	31,500	65.9	367.8	34,700	115
117	60.7	360.5	26,000	62.6	363.4	31,000	65.3	366.8	34,400	117
120	59.8	358.8	25,300	61.6	361.8	30,200	64.4	365.4	33,900	120
125	58.2	355.8	24,100	60.1	359.0	29,000	62.8	362.9	31,900	125
130	56.6	352.5	22,900	58.5	356.0	27,800	61.3	360.2	30,100	130
135	54.9	349.1	21,900	56.9	352.7	26,600	59.7	357.3	28,400	135
140	53.2	345.4	20,900	55.2	349.3	25,300	58.1	354.3	26,900	140
145	51.5	341.5	19,900	53.5	345.7	24,200	56.5	351.0	25,400	145
148	50.4	339.0	19,300	52.5	343.4	23,600	55.5	348.9	24,600	148
150	49.7	337.3	19,000	51.8	341.8	23,100	54.8	347.5	24,100	150
155	47.9	332.9	18,200	50.0	337.7	22,100	53.1	343.9	22,900	155
160	46.0	328.2	17,300	48.2	333.3	21,100	51.4	339.9	21,700	160
165	44.1	323.1	16,600	46.4	328.7	20,100	49.6	335.8	20,600	165
170	42.0	317.7	15,800	44.4	323.7	19,200	47.8	331.3	19,600	170
175	40.0	311.9	15,100	42.4	318.3	18,300	45.9	326.6	18,600	175
178	38.6	308.1	14,700	41.2	314.9	17,900	44.7	323.5	18,100	178
180	37.8	305.6	14,500	40.3	312.6	17,700	44.0	321.5	17,700	180
185	35.5	298.8	13,900	38.2	306.4	16,900	42.0	316.1	16,900	185
190	33.0	291.3	13,400	35.9	299.7	16,200	39.9	310.2	16,100	190
195	30.4	283.1	13,000	33.5	292.3	15,500	37.7	303.9	15,300	195
200	27.5	273.9	12,600	30.9	284.3	14,900	35.3	297.1	14,600	200
205	24.4	263.5	12,200	28.1	275.3	14,400	32.9	289.6	13,900	205
210	20.8	251.2	12,000	25.0	265.1	13,900	30.3	281.3	13,200	210
215	16.4	236.1	11,900	21.5	253.3	13,700	27.4	272.1	12,600	215
220	10.3	214.4	11,500	17.3	238.8	13,400	24.2	261.6	12,000	220
223	2.8	186.8	9,300	13.9	226.9	12,800	22.0	254.2	11,600	223
225				11.7	218.9	12,400	20.6	249.3	11,400	225
229				2.2	184.3	9,600	17.1	237.0	10,900	229
230							16.2	233.9	10,800	230
237							5.8	196.7	10,000	237
240										240
246										246

MLC250 S-2

ASME B30.5



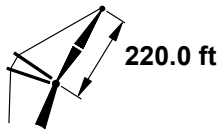
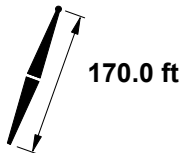
	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
66										66
70										70
75										75
79										79
80										80
85										85
90										90
95										95
98										98
100										100
105										105
110										110
115										115
117	67.9	369.3	32,300							117
120	67.0	368.0	31,100							120
125	65.5	365.8	29,300							125
130	64.0	363.4	27,600							130
135	62.5	360.8	26,000							135
140	60.9	358.1	24,500							140
145	59.3	355.2	23,200							145
148	58.4	353.3	22,400	62.9	358.2	18,800				148
150	57.7	352.1	21,900	62.3	357.1	18,300				150
155	56.1	348.8	20,800	60.7	354.4	17,200				155
160	54.4	345.2	19,700	59.1	351.4	16,200				160
165	52.7	341.5	18,600	57.5	348.3	15,200				165
170	51.0	337.5	17,700	55.9	345.0	14,300				170
175	49.2	333.3	16,800	54.2	341.4	13,400				175
178	48.1	330.6	16,300	53.2	339.2	12,900	57.9	344.3	9,100	178
180	47.3	328.8	15,900	52.5	337.7	12,600	57.2	343.1	8,800	180
185	45.4	323.9	15,100	50.8	333.7	11,800	55.6	339.7	8,200	185
190	43.5	318.8	14,400	49.0	329.4	11,100	53.9	336.1	7,500	190
195	41.5	313.3	13,700	47.1	324.8	10,400	52.2	332.3	6,900	195
200	39.3	307.3	13,000	45.2	320.0	9,700	50.4	328.2	6,400	200
205	37.1	300.9	12,300	43.3	314.8	9,100	48.6	323.9	5,800	205
210	34.8	293.9	11,700	41.2	309.2	8,500	46.8	319.3	5,300	210
215	32.3	286.2	11,100	39.1	303.2	7,900				215
220	29.6	277.8	10,500	36.9	296.7	7,400				220
223	27.8	272.1	10,200	35.4	292.5	7,100				223
225	26.7	268.3	9,900	34.5	289.6	6,900				225
229	24.0	259.5	9,500	32.5	283.5	6,500				229
230	23.4	257.4	9,300	32.0	281.9	6,400				230
237	17.5	236.8	8,600	28.0	269.2	5,700				237
240	14.9	228.0	8,200	26.3	263.7	5,400				240
246	5.2	192.8	7,600							246

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



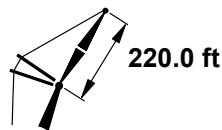
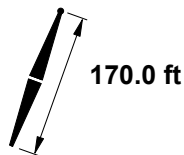
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
69	76.0	391.1	29,100						69	
70	75.7	390.9	29,100						70	
75	74.3	389.5	28,800						75	
80	73.0	388.0	28,600						80	
83	72.1	387.0	28,300	73.8	388.5	29,500			83	
85	71.6	386.4	28,200	73.2	387.9	29,500			85	
90	70.2	384.6	27,800	71.9	386.3	29,500			90	
95	68.8	382.7	27,300	70.5	384.5	29,500			95	
100	67.4	380.7	26,900	69.1	382.7	29,500			100	
102	66.9	379.8	26,800	68.5	381.9	29,500	71.0	384.2	29,500	102
105	66.0	378.5	26,500	67.7	380.6	29,500	70.2	383.1	29,500	105
110	64.6	376.1	26,100	66.3	378.5	29,500	68.8	381.2	29,500	110
115	63.1	373.6	25,700	64.8	376.2	29,500	67.4	379.2	29,500	115
120	61.6	371.0	24,800	63.4	373.7	29,400	65.9	377.0	29,500	120
122	61.0	369.8	24,400	62.8	372.7	28,900	65.4	376.1	29,500	122
125	60.1	368.2	23,800	61.9	371.1	28,300	64.5	374.7	29,500	125
130	58.6	365.2	22,700	60.4	368.3	27,200	63.0	372.2	29,500	130
135	57.1	362.0	21,700	58.9	365.3	26,200	61.6	369.5	28,100	135
140	55.5	358.6	20,800	57.4	362.2	25,100	60.1	366.7	26,500	140
145	53.9	355.0	19,800	55.8	358.8	24,000	58.6	363.7	25,100	145
150	52.3	351.2	18,900	54.2	355.3	23,000	57.0	360.5	23,700	150
154	50.9	348.0	18,200	52.9	352.3	22,200	55.7	357.7	22,700	154
155	50.6	347.2	18,000	52.6	351.5	22,000	55.4	357.1	22,500	155
160	48.9	342.9	17,300	50.9	347.5	21,100	53.8	353.5	21,300	160
165	47.1	338.3	16,500	49.2	343.3	20,200	52.2	349.7	20,200	165
170	45.3	333.5	15,900	47.5	338.8	19,300	50.5	345.6	19,200	170
175	43.4	328.3	15,100	45.6	334.0	18,400	48.8	341.3	18,300	175
180	41.5	322.8	14,500	43.8	328.9	17,700	47.0	336.8	17,400	180
185	39.5	316.9	13,800	41.9	323.4	16,900	45.2	331.9	16,500	185
190	37.4	310.5	13,300	39.9	317.6	16,200	43.3	326.7	15,700	190
195	35.1	303.6	12,800	37.8	311.3	15,600	41.4	321.2	14,900	195
200	32.8	296.1	12,400	35.6	304.5	15,000	39.4	315.2	14,200	200
205	30.3	287.8	11,900	33.2	297.1	14,400	37.3	308.8	13,500	205
210	27.6	278.6	11,600	30.8	289.0	13,800	35.0	301.9	12,900	210
215	24.6	268.2	11,300	28.1	280.0	13,400	32.7	294.3	12,200	215
220	21.2	256.2	11,100	25.1	269.9	12,900	30.2	286.0	11,600	220
225	17.1	241.5	10,500	21.8	258.2	11,900	27.4	276.8	11,000	225
230	11.8	221.6	9,700	17.9	244.1	10,900	24.4	266.4	10,500	230
234	3.6	190.5	7,900	13.9	229.2	10,200	21.7	256.6	10,100	234
235				12.9	225.5	10,100	21.0	254.2	10,000	235
240				3.2	188.6	8,300	16.9	239.3	9,400	240
249							2.3	184.0	8,400	249
250										250
257										257

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



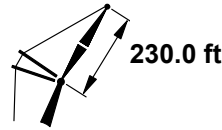
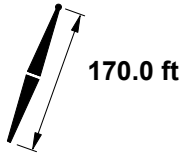
	80°			75°			
	ft	ft	lb	ft	ft	lb	
69							69
70							70
75							75
80							80
83							83
85							85
90							90
95							95
100							100
102							102
105							105
110							110
115							115
120							120
122	67.9	378.5	29,500				122
125	67.0	377.2	28,900				125
130	65.6	375.0	27,200				130
135	64.2	372.6	25,600				135
140	62.7	370.1	24,100				140
145	61.2	367.4	22,800				145
150	59.7	364.5	21,500				150
154	58.5	362.1	20,600	62.8	366.9	16,700	154
155	58.2	361.5	20,400	62.5	366.4	16,500	155
160	56.6	358.2	19,300	61.0	363.7	15,500	160
165	55.1	354.8	18,200	59.5	360.8	14,500	165
170	53.4	351.1	17,300	58.0	357.7	13,600	170
175	51.8	347.3	16,400	56.5	354.4	12,700	175
180	50.1	343.2	15,500	54.9	351.0	11,900	180
185	48.4	338.8	14,700	53.3	347.3	11,100	185
190	46.6	334.2	14,000	51.6	343.4	10,400	190
195	44.8	329.2	13,300	49.9	339.3	9,700	195
200	42.9	324.0	12,600	48.2	334.9	9,100	200
205	40.9	318.3	11,900	46.4	330.2	8,400	205
210	38.9	312.3	11,200	44.6	325.3	7,800	210
215	36.7	305.7	10,600	42.7	319.9	7,300	215
220	34.5	298.7	9,900	40.7	314.3	6,700	220
225	32.1	291.0	9,300	38.6	308.2	6,200	225
230	29.5	282.5	8,800	36.5	301.6	5,700	230
234	27.3	274.9	8,300	34.7	295.9	5,300	234
235	26.7	273.0	8,200	34.2	294.4	5,200	235
240	23.6	262.2	7,700				240
249	16.5	236.5	6,800				249
250	15.7	233.7	6,700				250
257	5.5	195.2	6,000				257

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



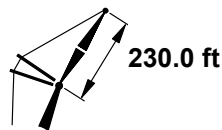
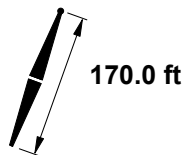
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	lb	ft	ft
72	75.8	400.7	27,000							72
75	75.0	399.9	26,800							75
80	73.7	398.4	26,400							80
85	72.4	396.9	26,000	74.0	398.3	29,500				85
90	71.1	395.2	25,600	72.7	396.8	29,500				90
95	69.8	393.4	25,200	71.4	395.1	29,500				95
100	68.5	391.5	24,800	70.0	393.4	29,500				100
105	67.1	389.4	24,400	68.7	391.4	29,500				105
106	66.8	388.9	24,300	68.4	391.0	29,500	70.8	393.4	29,500	106
110	65.8	387.2	24,000	67.4	389.4	29,500	69.7	392.0	29,400	110
115	64.4	384.8	23,700	66.0	387.2	28,600	68.4	390.0	29,300	115
120	63.0	382.3	23,300	64.6	384.9	27,700	67.1	387.9	29,200	120
125	61.6	379.6	22,600	63.2	382.4	26,700	65.7	385.7	29,100	125
126	61.3	379.1	22,400	63.0	381.9	26,500	65.4	385.2	29,100	126
130	60.1	376.8	21,600	61.8	379.8	25,700	64.3	383.3	29,000	130
135	58.7	373.8	20,700	60.4	377.0	24,800	62.9	380.8	27,700	135
140	57.2	370.7	19,800	59.0	374.0	23,800	61.5	378.2	26,200	140
145	55.7	367.3	19,000	57.5	370.9	22,900	60.1	375.3	24,800	145
150	54.2	363.7	18,200	56.0	367.5	22,000	58.6	372.3	23,400	150
155	52.6	360.0	17,400	54.5	364.0	21,100	57.1	369.1	22,200	155
158	51.7	357.6	16,900	53.5	361.8	20,500	56.2	367.1	21,500	158
160	51.0	356.0	16,600	52.9	360.3	20,200	55.6	365.8	21,000	160
165	49.4	351.8	15,900	51.3	356.4	19,400	54.1	362.2	19,900	165
170	47.7	347.3	15,200	49.7	352.2	18,600	52.6	358.5	18,900	170
175	46.0	342.6	14,600	48.0	347.8	17,900	51.0	354.5	18,000	175
180	44.3	337.6	14,000	46.3	343.1	17,100	49.3	350.2	17,100	180
185	42.4	332.2	13,400	44.6	338.1	16,400	47.7	345.8	16,200	185
190	40.5	326.5	12,900	42.8	332.8	15,700	45.9	341.0	15,400	190
195	38.6	320.4	12,400	40.9	327.2	15,100	44.2	336.0	14,600	195
200	36.5	313.8	12,000	38.9	321.1	14,500	42.3	330.6	13,900	200
205	34.3	306.7	11,500	36.9	314.6	13,900	40.4	324.9	13,200	205
210	32.0	298.9	11,100	34.7	307.6	13,400	38.5	318.7	12,600	210
215	29.6	290.4	10,800	32.5	300.0	12,900	36.4	312.1	11,900	215
220	26.9	281.0	10,500	30.1	291.7	12,500	34.2	305.0	11,300	220
225	24.0	270.4	10,300	27.4	282.4	12,100	31.9	297.2	10,800	225
230	20.7	258.0	9,900	24.6	272.0	11,600	29.5	288.7	10,200	230
235	16.7	242.9	9,300	21.3	260.0	11,000	26.8	279.2	9,600	235
240	11.5	222.5	8,600	17.5	245.6	10,400	23.9	268.5	9,100	240
244	3.5	190.7	6,400	13.6	230.4	9,500	21.2	258.5	8,600	244
245				12.6	226.6	9,300	20.5	256.0	8,500	245
250				3.1	188.8	6,800	16.5	240.8	8,000	250
255							11.2	220.0	7,500	255
259							2.2	184.1	7,000	259
260										260

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



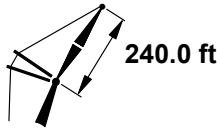
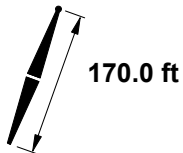
	80°			75°			
	ft	ft	lb	ft	ft	lb	
72							72
75							75
80							80
85							85
90							90
95							95
100							100
105							105
106							106
110							110
115							115
120							120
125							125
126	67.8	387.7	28,200				126
130	66.7	386.0	26,800				130
135	65.4	383.7	25,300				135
140	64.0	381.3	23,800				140
145	62.6	378.8	22,500				145
150	61.2	376.1	21,200				150
155	59.7	373.2	20,000				155
158	58.8	371.3	19,400	63.0	376.1	15,400	158
160	58.3	370.1	18,900	62.4	375.1	14,900	160
165	56.8	366.9	17,900	61.0	372.3	14,000	165
170	55.3	363.5	17,000	59.6	369.4	13,100	170
175	53.7	359.9	16,100	58.1	366.4	12,200	175
180	52.2	356.1	15,200	56.6	363.1	11,400	180
185	50.6	352.0	14,400	55.1	359.7	10,700	185
190	48.9	347.7	13,600	53.6	356.1	9,900	190
195	47.2	343.2	12,900	52.0	352.2	9,200	195
200	45.5	338.4	12,100	50.4	348.2	8,600	200
205	43.7	333.3	11,400	48.7	343.8	8,000	205
210	41.9	327.8	10,700	47.1	339.3	7,400	210
215	40.0	322.0	10,100	45.3	334.4	6,800	215
220	38.0	315.7	9,500	43.5	329.3	6,300	220
225	35.9	309.0	8,900	41.7	323.8	5,800	225
230	33.7	301.7	8,300	39.8	317.9	5,300	230
235	31.4	293.8	7,800				235
240	28.8	285.0	7,300				240
244	26.7	277.2	6,900				244
245	26.1	275.3	6,800				245
250	23.1	264.2	6,300				250
255	19.6	251.2	5,800				255
259	16.2	238.2	5,500				259
260	15.4	235.0	5,400				260

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



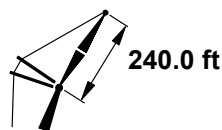
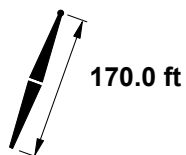
	88°			86°			83°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
74	75.9	410.5	24,700						74	
75	75.7	410.2	24,700						75	
80	74.4	408.9	24,500						80	
85	73.2	407.4	24,200						85	
88	72.4	406.4	24,000	73.9	407.9	28,000			88	
90	71.9	405.8	23,800	73.4	407.3	27,900			90	
95	70.7	404.1	23,500	72.2	405.7	27,700			95	
100	69.4	402.2	23,100	70.9	404.0	27,500			100	
105	68.1	400.2	22,700	69.6	402.2	27,300			105	
109	67.1	398.5	22,500	68.6	400.6	27,200	70.9	403.0	26,800	109
110	66.8	398.1	22,400	68.4	400.2	27,100	70.6	402.6	26,800	110
115	65.5	395.9	22,100	67.1	398.1	26,900	69.3	400.8	26,700	115
120	64.2	393.5	21,700	65.8	395.9	26,200	68.1	398.8	26,600	120
125	62.9	391.0	21,400	64.4	393.6	25,400	66.8	396.7	26,500	125
129	61.8	388.8	20,900	63.4	391.6	24,700	65.7	394.9	26,400	129
130	61.5	388.3	20,700	63.1	391.1	24,500	65.5	394.4	26,400	130
135	60.1	385.5	19,900	61.8	388.4	23,700	64.1	392.0	26,200	135
140	58.7	382.5	19,100	60.4	385.6	22,800	62.8	389.5	25,700	140
145	57.3	379.3	18,300	59.0	382.7	22,000	61.4	386.8	24,300	145
150	55.9	376.0	17,500	57.6	379.5	21,100	60.1	384.0	23,000	150
155	54.4	372.5	16,800	56.2	376.2	20,300	58.7	381.0	21,700	155
160	52.9	368.8	16,100	54.7	372.8	19,600	57.3	377.8	20,600	160
163	52.0	366.4	15,700	53.8	370.5	19,100	56.4	375.8	19,900	163
165	51.4	364.8	15,400	53.2	369.1	18,800	55.8	374.5	19,500	165
170	49.9	360.7	14,800	51.7	365.2	18,000	54.4	370.9	18,500	170
175	48.3	356.3	14,200	50.2	361.1	17,300	52.9	367.2	17,500	175
180	46.7	351.7	13,600	48.6	356.7	16,700	51.4	363.3	16,600	180
185	45.0	346.8	13,000	47.0	352.2	16,000	49.8	359.1	15,800	185
190	43.3	341.6	12,500	45.3	347.3	15,400	48.2	354.7	15,000	190
195	41.5	336.0	12,000	43.6	342.1	14,700	46.6	350.1	14,200	195
200	39.6	330.1	11,600	41.8	336.7	14,100	44.9	345.2	13,500	200
205	37.7	323.8	11,100	40.0	330.8	13,600	43.2	339.9	12,800	205
210	35.7	317.0	10,700	38.1	324.6	13,000	41.4	334.4	12,100	210
215	33.6	309.7	10,400	36.1	317.9	12,600	39.6	328.5	11,500	215
220	31.3	301.7	10,100	34.0	310.7	12,200	37.6	322.1	10,800	220
225	28.9	293.0	9,700	31.8	302.9	11,700	35.6	315.3	10,200	225
230	26.3	283.3	9,400	29.4	294.3	11,100	33.5	308.0	9,600	230
235	23.5	272.4	8,800	26.8	284.8	10,500	31.2	300.0	9,000	235
240	20.2	259.8	8,200	24.0	274.2	9,900	28.8	291.2	8,500	240
245	16.4	244.4	7,700	20.9	261.9	9,300	26.2	281.5	7,900	245
250	11.2	223.5	6,900	17.1	247.1	8,700	23.3	270.5	7,400	250
255				12.3	227.7	7,600	20.1	257.8	6,900	255
260				3.1	189.1	5,200	16.2	242.2	6,400	260
269							2.1	184.3	5,500	269

MLC250 S-2

ASME B30.5



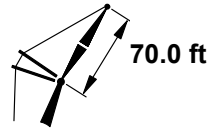
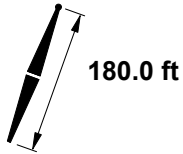
184,600 lb
+
44,000 lb



ft	80°			75°			ft
	ft	lb	lb	ft	lb	lb	
74							74
75							75
80							80
85							85
88							88
90							90
95							95
100							100
105							105
109							109
110							110
115							115
120							120
125							125
129	68.0	397.3	26,600				129
130	67.7	396.8	26,300				130
135	66.4	394.7	24,700				135
140	65.1	392.4	23,300				140
145	63.8	390.0	22,000				145
150	62.5	387.4	20,700				150
155	61.1	384.7	19,500				155
160	59.7	381.8	18,500				160
163	58.9	380.0	17,800	62.9	384.8	13,600	163
165	58.3	378.8	17,400	62.3	383.7	13,200	165
170	56.9	375.6	16,500	61.0	381.0	12,300	170
175	55.5	372.2	15,500	59.6	378.1	11,400	175
180	54.0	368.6	14,600	58.2	375.0	10,600	180
185	52.5	364.9	13,800	56.8	371.8	9,900	185
190	51.0	360.9	12,900	55.3	368.4	9,200	190
195	49.4	356.7	12,200	53.8	364.8	8,500	195
200	47.8	352.2	11,400	52.3	361.0	7,900	200
205	46.2	347.5	10,700	50.8	357.0	7,200	205
210	44.5	342.5	10,100	49.2	352.8	6,700	210
215	42.8	337.2	9,400	47.6	348.3	6,100	215
220	41.0	331.6	8,800	46.0	343.5	5,600	220
225	39.1	325.5	8,200	44.3	338.5	5,100	225
230	37.1	319.1	7,700				230
235	35.1	312.2	7,200				235
240	33.0	304.7	6,600				240
245	30.7	296.5	6,100				245
250	28.2	287.5	5,700				250
255	25.5	277.5	5,200				255
260							260
269							269

MLC250 S-2

ASME B30.5



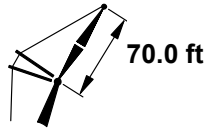
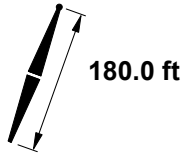
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
34	74.1	255.0	98,000 d							34
36	72.3	254.3	96,600 d							36
38	70.6	253.6	95,300 d							38
40	68.8	252.8	93,900 d							40
41	67.9	252.4	93,200 d	73.4	254.3	113,300 d				41
45	64.4	250.5	90,500 b	70.0	252.9	110,600 d				45
50	59.7	247.8	87,300 b	65.5	250.8	107,000 b				50
54	55.7	245.1	85,000 b	61.8	248.6	103,200 b	70.3	252.0	107,900 d	54
55	54.7	244.4	84,500	60.9	248.1	102,300 b	69.4	251.6	105,300 d	55
60	49.5	240.4	81,500	56.0	244.9	96,800	64.9	249.4	94,100 b	60
65	43.7	235.5	75,200	50.9	241.1	89,800	60.3	246.7	84,900 b	65
66	42.5	234.2	74,200	49.7	240.1	88,200	59.3	246.1	83,300 b	66
70	37.3	229.4	69,800	45.3	236.4	81,700	55.4	243.4	77,200	70
75	29.7	221.5	65,500	39.0	230.7	74,800	50.2	239.5	70,700	75
80	19.4	210.0	62,900	31.8	223.3	68,800	44.5	234.7	65,100	80
83	8.2	196.7	60,300	26.2	217.2	65,700	40.7	231.2	62,100	83
85				22.4	213.1	63,600	38.2	228.8	60,200	85
87				16.1	205.7	61,700	35.2	225.8	58,400	87
89				9.8	198.2	59,800	32.2	222.7	56,700	89
90							30.7	221.2	55,900	90
95							21.0	210.4	52,000	95
99							5.2	191.6	49,100	99
100										100
105										105
107										107
108										108
110										110
115										115
120										120
123										123
125										125
127										127
130										130
135										135
138										138
140										140
145										145
150										150
153										153

MLC250 S-2

ASME B30.5



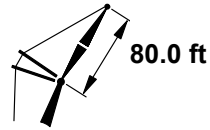
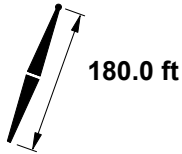
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
34													34
36													36
38													38
40													40
41													41
45													45
50													50
54													54
55													55
60													60
65													65
66	67.9	249.4	78,400 c										66
70	64.3	247.6	72,700 b										70
75	59.6	244.8	66,500 b										75
80	54.7	241.4	61,300										80
83	51.5	239.0	58,500										83
85	49.4	237.4	56,700										85
87	47.1	235.4	55,000	62.7	243.1	49,300 b							87
89	44.8	233.4	53,400	60.8	241.9	47,900 b							89
90	43.7	232.5	52,600	59.9	241.4	47,100 b							90
95	37.2	226.4	49,000	55.0	238.0	43,900							95
99	31.1	220.0	46,500	50.8	234.8	41,600							99
100	29.6	218.5	45,800	49.7	234.0	41,100							100
105	19.2	206.9	42,900	44.0	229.2	38,500							105
107	11.6	197.8	41,700	41.5	226.8	37,500	57.9	235.2	33,100 b				107
108	7.8	193.3	41,100	40.2	225.6	37,100	56.9	234.5	32,700 b				108
110				37.6	223.2	36,100	54.9	233.1	31,900				110
115				30.1	215.4	34,000	49.6	229.1	30,000				115
120				20.0	204.1	32,000	43.9	224.2	28,300				120
123				9.6	191.8	30,800	40.1	220.6	27,300				123
125							37.5	218.1	26,700				125
127							34.5	215.0	26,100	52.2	224.9	22,600	127
130							29.9	210.3	25,200	49.0	222.4	21,800	130
135							19.7	199.0	23,700	43.2	217.4	20,600	135
138							9.1	186.4	22,900	39.3	213.7	19,900	138
140										36.7	211.2	19,500	140
145										28.9	203.1	18,400	145
150										18.2	191.0	17,300	150
153										4.5	174.5	16,600	153

MLC250 S-2

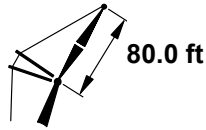
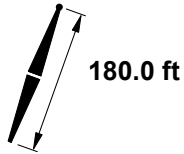
ASME B30.5



	88°			86°			83°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
35	75.4	265.1	90,000 d						35	
36	74.6	264.8	89,500 d						36	
38	73.1	264.2	88,400 d						38	
40	71.6	263.5	87,200 d						40	
44	68.5	261.9	84,900 d	73.3	263.9	103,100 d			44	
45	67.8	261.6	84,300 b	72.6	263.5	102,600 d			45	
50	63.8	259.2	81,500 b	68.8	261.7	99,700 b			50	
55	59.7	256.4	78,900	64.8	259.4	96,800 b			55	
57	58.0	255.1	78,000	63.2	258.4	95,100 b	70.6	261.6	100,000 c	
60	55.4	253.1	76,600	60.8	256.8	92,600	68.3	260.4	93,600 b	
65	50.9	249.3	71,900	56.5	253.6	85,900	64.3	258.1	84,400 b	
70	46.0	244.7	66,500	52.1	249.9	79,700	60.2	255.4	76,700	
75	40.7	239.2	61,700	47.3	245.5	73,600	56.0	252.2	70,200	
80	34.8	232.5	57,600	42.1	240.3	68,200	51.5	248.4	64,600	
85	27.6	224.0	54,500	36.4	234.0	63,400	46.7	243.9	59,800	
90	18.0	211.5	52,600	29.6	226.0	58,900	41.4	238.5	55,500	
92	11.1	202.0	52,600	26.1	221.6	57,300	39.1	235.9	54,000	
93	7.6	197.3	52,600	24.4	219.3	56,500	37.9	234.6	53,300	
95				20.9	214.9	54,800	35.6	232.0	51,800	
99				9.1	199.0	51,800	30.0	225.4	49,000	
100							28.6	223.8	48,400	
105							19.5	212.1	45,300	
109							4.8	191.9	42,900	
110									110	
113									113	
115									115	
118									118	
120									120	
125									125	
130									130	
133									133	
135									135	
140									140	
145									145	
148									148	
150									150	
155									155	
160									160	
163									163	

MLC250 S-2

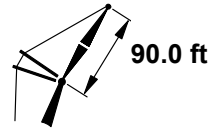
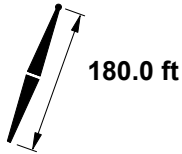
ASME B30.5



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
35													35
36													36
38													38
40													40
44													44
45													45
50													50
55													55
57													57
60													60
65													65
70	67.7	258.6	72,100 b										70
75	63.8	256.2	66,000 b										75
80	59.7	253.5	60,700										80
85	55.4	250.2	56,100										85
90	50.8	246.3	52,100										90
92	48.9	244.4	50,700	62.4	251.8	45,200							92
93	47.9	243.5	50,000	61.5	251.2	44,500							93
95	46.0	241.7	48,600	59.9	250.0	43,300							95
99	41.7	237.3	46,000	56.5	247.4	41,000							99
100	40.7	236.2	45,400	55.6	246.8	40,500							100
105	34.7	229.5	42,600	51.1	242.9	37,900							105
109	29.0	222.6	40,500	47.2	239.3	36,000							109
110	27.6	220.9	40,000	46.3	238.4	35,600							110
113	21.8	213.4	38,500	43.1	235.1	34,300	57.3	243.2	30,100				113
115	17.9	208.4	37,600	41.0	233.0	33,500	55.6	241.8	29,300				115
118	7.2	193.8	36,100	37.4	229.0	32,300	52.8	239.5	28,300				118
120				35.0	226.3	31,600	51.0	237.9	27,600				120
125				28.0	217.9	29,800	46.2	233.4	26,100				125
130				18.6	205.7	28,100	40.9	228.0	24,600				130
133				8.9	192.6	27,100	37.3	224.0	23,800	52.4	232.9	20,400	133
135							34.9	221.3	23,300	50.5	231.3	19,900	135
140							27.9	212.8	22,000	45.6	226.6	18,800	140
145							18.4	200.6	20,800	40.3	221.1	17,800	145
148							8.5	187.0	20,000	36.6	217.0	17,200	148
150										34.2	214.3	16,900	150
155										27.0	205.5	15,900	155
160										17.0	192.5	15,000	160
163										4.1	174.8	14,400	163

MLC250 S-2

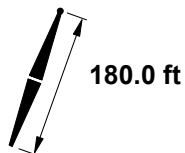
ASME B30.5



	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
37	75.7	274.9	82,600 d							37
38	75.1	274.6	82,100 d							38
40	73.7	274.0	81,200 d							40
45	70.4	272.3	78,600 c							45
46	69.7	271.9	78,100 c	73.9	273.7	94,800 d				46
50	66.9	270.3	75,900 b	71.2	272.4	93,100 b				50
55	63.4	267.9	73,500 b	67.8	270.4	90,700 b				55
60	59.7	265.1	71,300	64.3	268.1	88,200	70.8	271.1	92,800 b	60
65	55.9	261.8	69,400	60.7	265.4	82,600	67.4	269.1	84,000 b	65
70	52.0	258.1	64,100	56.9	262.3	76,800	63.9	266.8	76,400	70
74	48.6	254.6	60,300	53.8	259.4	72,500	60.9	264.6	71,200	74
75	47.8	253.7	59,400	53.0	258.7	71,400	60.2	264.0	69,900	75
80	43.2	248.7	55,200	48.9	254.5	66,400	56.4	260.9	64,300	80
85	38.3	242.7	51,600	44.4	249.6	61,400	52.5	257.2	59,500	85
90	32.7	235.5	48,400	39.6	243.9	57,200	48.3	252.9	55,300	90
95	26.0	226.3	46,000	34.2	237.1	53,600	43.8	248.0	51,500	95
96	24.2	223.6	45,700	32.9	235.3	53,000	42.8	246.8	50,900	96
100	16.9	213.0	44,600	27.8	228.5	50,600	38.9	242.1	48,200	100
103	7.1	197.8	44,600	22.9	221.4	49,000	35.6	237.9	46,400	103
105				19.6	216.6	48,000	33.4	235.1	45,200	105
109				8.5	199.6	45,600	28.2	227.9	43,000	109
110							26.9	226.2	42,500	110
115							18.4	213.7	39,900	115
118							7.9	197.6	38,500	118
119							4.4	192.2	38,000	119
120										120
125										125
128										128
130										130
135										135
139										139
140										140
143										143
145										145
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155										155
158										158
160										160
165										165
170										170
173										173

MLC250 S-2

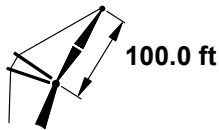
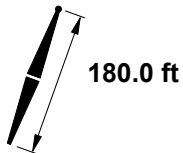
ASME B30.5



	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
37													37
38													38
40													40
45													45
46													46
50													50
55													55
60													60
65													65
70													70
74	67.6	267.8	66,700 b										74
75	66.9	267.3	65,600 b										75
80	63.4	264.9	60,300										80
85	59.7	262.1	55,800										85
90	55.9	258.9	51,800										90
95	51.9	255.1	48,300										95
96	51.1	254.2	47,600	62.8	261.0	42,300							96
100	47.7	250.8	45,100	59.9	258.7	40,100							100
103	45.0	247.7	43,400	57.6	256.8	38,500							103
105	43.2	245.7	42,300	56.1	255.5	37,500							105
109	39.2	240.9	40,300	52.9	252.5	35,700							109
110	38.2	239.7	39,800	52.2	251.7	35,200							110
115	32.6	232.4	37,400	48.0	247.4	33,200							115
118	28.6	226.9	36,200	45.2	244.4	32,000	57.6	251.9	27,900				118
119	27.2	225.0	35,700	44.3	243.4	31,600	56.8	251.2	27,600				119
120	25.9	223.2	35,300	43.4	242.4	31,300	56.1	250.5	27,200				120
125	16.8	209.9	33,300	38.5	236.5	29,500	52.1	246.8	25,700				125
128	6.8	194.4	32,100	35.2	232.2	28,600	49.6	244.2	24,800				128
130				32.9	229.3	27,900	47.9	242.5	24,300				130
135				26.3	220.2	26,400	43.4	237.4	22,900				135
139				19.2	209.8	25,300	39.4	232.7	22,000	52.4	240.9	18,600	139
140				17.5	207.2	25,000	38.4	231.5	21,700	51.6	240.1	18,400	140
143				8.3	193.2	24,100	35.1	227.1	21,000	49.1	237.5	17,800	143
145							32.8	224.3	20,600	47.4	235.7	17,400	145
150							26.2	215.1	19,500	42.8	230.6	16,500	150
155							17.3	202.1	18,400	37.8	224.5	15,600	155
158							7.9	187.7	17,800	34.4	220.1	15,100	158
160										32.2	217.2	14,800	160
165										25.4	207.7	14,000	165
170										16.0	193.9	13,200	170
173										3.8	175.0	12,600	173

MLC250 S-2

ASME B30.5



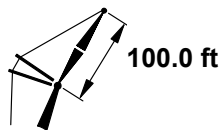
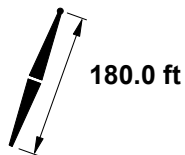
	88°			86°			83°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
39	76.0	284.7	75,700 d						39	
40	75.4	284.4	75,300 d						40	
45	72.4	282.9	73,200 c						45	
49	70.0	281.5	71,300 c	73.8	283.2	86,600 b			49	
50	69.4	281.1	70,800 b	73.2	282.9	86,300 b			50	
55	66.2	279.0	69,500 b	70.1	281.2	84,500 b			55	
60	63.1	276.6	66,500	67.0	279.2	82,500			60	
63	61.1	274.9	65,400	65.1	277.7	80,600	71.0	280.7	84,800 b	
65	59.8	273.7	64,700	63.9	276.8	79,200	69.8	279.9	83,500 b	
70	56.4	270.5	62,300	60.6	274.1	74,200	66.6	277.9	75,800	
75	52.8	266.9	57,800	57.2	271.0	69,300	63.5	275.5	69,400	
78	50.6	264.4	55,300	55.1	268.9	66,400	61.5	273.8	66,000	
80	49.1	262.7	53,600	53.7	267.5	64,500	60.2	272.7	63,800	
85	45.1	258.0	49,900	50.1	263.4	60,000	56.8	269.5	59,000	
90	40.9	252.5	46,600	46.2	258.8	56,100	53.3	266.0	54,800	
95	36.2	246.0	43,800	42.0	253.5	52,100	49.6	261.9	51,100	
100	30.9	238.2	41,400	37.4	247.3	48,800	45.7	257.2	47,800	
101	29.6	236.3	41,000	36.4	245.9	48,300	44.8	256.1	47,200	
105	24.6	228.4	39,500	32.3	240.0	46,000	41.4	251.8	44,800	
110	16.0	214.4	38,500	26.3	230.8	43,600	36.8	245.5	42,100	
113	6.7	198.4	38,500	21.7	223.3	42,600	33.7	240.9	40,600	
115				18.6	218.2	41,900	31.6	237.9	39,600	
119				8.0	200.3	40,200	26.7	230.3	37,800	
120							25.5	228.4	37,400	
123							20.6	220.5	36,100	
125							17.4	215.2	35,300	
129							4.2	192.5	33,600	
130									130	
135									135	
138									138	
140									140	
145									145	
150									150	
153									153	
155									155	
160									160	
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170									170	
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183									183	

MLC250 S-2

ASME B30.5



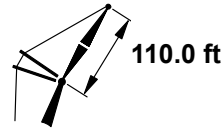
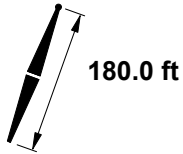
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
39													39
40													40
45													45
49													49
50													50
55													55
60													60
63													63
65													65
70													70
75													75
78	67.5	276.9	61,700										78
80	66.2	276.0	59,700										80
85	63.0	273.6	55,200										85
90	59.7	270.8	51,200										90
95	56.3	267.6	47,700										95
100	52.8	263.9	44,600										100
101	52.0	263.1	44,000	62.6	269.6	38,900							101
105	49.0	259.7	41,800	59.9	267.4	36,900							105
110	45.1	255.0	39,300	56.5	264.2	34,600							110
113	42.5	251.6	37,900	54.4	262.0	33,400							113
115	40.8	249.4	37,000	53.0	260.5	32,600							115
119	37.1	244.3	35,300	50.0	257.2	31,100							119
120	36.1	243.0	34,900	49.3	256.4	30,700							120
123	33.0	238.3	33,700	46.9	253.6	29,700	57.8	260.5	25,600				123
125	30.8	235.2	33,000	45.3	251.7	29,000	56.5	259.2	25,000				125
129	25.8	227.3	31,500	41.9	247.3	27,700	53.6	256.3	23,900				129
130	24.5	225.4	31,200	41.1	246.2	27,400	52.9	255.6	23,600				130
135	15.9	211.2	29,500	36.4	239.8	25,900	49.2	251.4	22,300				135
138	6.4	194.9	28,500	33.3	235.2	25,100	46.8	248.6	21,600				138
140				31.2	232.1	24,600	45.3	246.7	21,100				140
145				24.9	222.4	23,300	41.0	241.2	20,000	52.5	248.9	16,800	145
150				16.5	208.7	22,000	36.3	234.8	18,900	48.8	244.7	15,800	150
153				7.9	193.9	21,300	33.2	230.1	18,300	46.4	241.8	15,300	153
155							31.1	227.1	18,000	44.8	239.9	15,000	155
160							24.8	217.3	17,000	40.5	234.3	14,200	160
165							16.3	203.5	16,100	35.8	227.8	13,400	165
168							7.5	188.3	15,500	32.6	223.0	12,900	168
170										30.4	219.9	12,600	170
175										24.0	209.8	11,800	175
180										15.1	195.2	11,100	180
183										3.5	175.2	10,600	183

MLC250 S-2

ASME B30.5



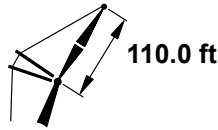
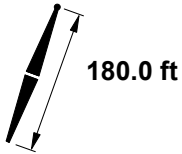
	88°			86°			83°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
42	75.7	294.3	69,300 d						42	
45	74.1	293.4	68,100 c						45	
50	71.3	291.8	66,100 b						50	
52	70.2	291.0	65,300 b	73.7	292.8	79,500 b			52	
55	68.5	289.9	64,100 b	72.0	291.8	78,700 b			55	
60	65.7	287.7	62,200	69.2	290.0	77,200			60	
65	62.8	285.2	61,300	66.4	287.9	75,500			65	
67	61.6	284.1	60,300	65.3	286.9	73,800	70.6	289.9	77,800	
70	59.8	282.4	58,900	63.5	285.5	71,200	68.9	288.7	75,700	
75	56.7	279.2	55,800	60.6	282.7	66,800	66.1	286.6	69,200	
80	53.5	275.7	52,100	57.5	279.7	62,500	63.2	284.1	63,700	
81	52.8	274.8	51,300	56.9	279.0	61,700	62.6	283.6	62,700	
85	50.2	271.6	48,400	54.3	276.2	58,400	60.2	281.4	58,900	
90	46.6	267.1	45,200	51.0	272.3	54,500	57.1	278.2	54,700	
95	42.9	261.9	42,300	47.6	267.9	51,100	53.9	274.7	51,000	
100	38.9	256.0	39,700	43.9	262.9	47,600	50.6	270.7	47,700	
105	34.4	249.1	37,500	39.9	257.2	44,600	47.1	266.3	44,700	
110	29.4	240.9	35,600	35.6	250.6	41,900	43.4	261.2	42,000	
115	23.4	230.5	34,200	30.8	242.7	39,600	39.4	255.4	39,600	
120	15.2	215.7	33,400	25.1	233.0	37,700	35.0	248.6	37,400	
123	6.3	198.9	33,400	20.6	225.0	36,900	32.1	243.8	36,100	
125				17.7	219.8	36,400	30.1	240.6	35,300	
128				10.1	205.6	36,100	26.6	234.6	34,200	
129				7.6	200.9	36,000	25.4	232.6	33,800	
130							24.2	230.6	33,400	
135							16.5	216.6	31,700	
139							3.9	192.8	30,300	
140									139	
145									140	
148									145	
150									148	
151									150	
155									151	
160									155	
163									160	
165									163	
166									165	
170									166	
175									170	
178									175	
180									178	
185									180	
185									185	
190									185	
193									190	
									193	

MLC250 S-2

ASME B30.5



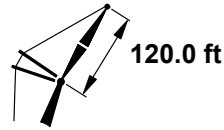
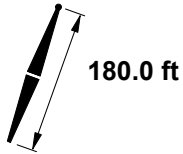
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
42													42
45													45
50													50
52													52
55													55
60													60
65													65
67													67
70													70
75													75
80													80
81	67.9	286.5	58,600										81
85	65.7	284.7	55,000										85
90	62.7	282.3	51,100										90
95	59.8	279.4	47,600										95
100	56.7	276.3	44,500										100
105	53.5	272.7	41,700	62.9	278.8	36,700							105
110	50.1	268.6	39,200	59.9	276.0	34,400							110
115	46.6	264.1	36,900	56.9	272.9	32,400							115
120	42.9	258.9	34,800	53.7	269.3	30,500							120
123	40.4	255.4	33,700	51.6	266.9	29,500							123
125	38.8	253.0	32,900	50.3	265.3	28,800							125
128	36.1	248.8	31,800	48.2	262.6	27,900	58.0	269.2	24,000				128
129	35.3	247.5	31,500	47.5	261.7	27,600	57.4	268.5	23,700				129
130	34.4	246.1	31,100	46.8	260.8	27,300	56.8	267.9	23,400				130
135	29.3	237.8	29,500	43.1	255.6	25,800	53.6	264.3	22,100				135
139	24.5	229.5	28,300	39.9	250.9	24,700	50.9	261.1	21,200				139
140	23.3	227.4	28,000	39.1	249.8	24,500	50.3	260.3	21,000				140
145	15.1	212.5	26,500	34.6	242.9	23,200	46.7	255.8	19,900				145
148	6.0	195.3	25,700	31.6	238.0	22,500	44.5	252.7	19,200				148
150				29.7	234.8	22,000	43.0	250.6	18,800				150
151				28.5	232.7	21,800	42.2	249.5	18,600	52.6	256.9	15,500	151
155				23.7	224.5	20,900	39.0	244.8	17,800	49.9	253.6	14,800	155
160				15.7	210.0	19,900	34.6	237.9	16,900	46.3	249.0	13,900	160
163				7.5	194.5	19,200	31.6	233.0	16,400	44.1	245.9	13,400	163
165							29.6	229.7	16,100	42.6	243.8	13,100	165
170							23.6	219.4	15,300	38.5	237.8	12,400	170
175							15.6	204.8	14,400	34.0	230.9	11,700	175
178							7.1	188.8	13,900	31.0	225.8	11,200	178
180										28.9	222.5	11,000	180
185										22.8	211.8	10,300	185
190										14.4	196.4	9,600	190
193										3.3	175.5	9,100	193

MLC250 S-2

ASME B30.5



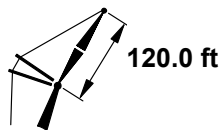
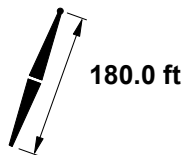
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
44	75.9	304.1	63,600 d							44
45	75.4	303.8	63,300 c							45
50	72.9	302.3	61,600 b							50
55	70.4	300.6	60,700 b	73.6	302.3	73,000				55
60	67.8	298.6	58,100	71.1	300.7	71,900				60
65	65.2	296.4	57,400	68.5	298.8	70,600				65
70	62.6	293.9	55,900	65.9	296.6	67,900	70.7	299.4	71,400	70
75	59.8	291.1	53,800	63.2	294.2	64,100	68.2	297.5	68,700	75
80	57.0	287.9	50,200	60.5	291.4	60,300	65.6	295.3	63,200	80
85	54.1	284.4	47,100	57.7	288.3	56,600	62.9	292.8	58,400	85
90	51.0	280.5	44,000	54.8	284.9	53,000	60.2	290.0	54,200	90
95	47.9	276.1	41,000	51.8	281.1	49,600	57.4	286.9	50,500	95
100	44.5	271.2	38,500	48.7	276.9	46,400	54.4	283.4	47,200	100
105	41.0	265.7	36,200	45.4	272.1	43,700	51.4	279.6	44,200	105
110	37.1	259.4	34,100	41.9	266.7	40,800	48.3	275.3	41,600	110
115	32.9	252.1	32,400	38.1	260.7	38,400	45.0	270.4	39,100	115
120	28.1	243.4	30,800	34.0	253.6	36,200	41.4	265.0	36,900	120
125	22.4	232.5	29,700	29.4	245.3	34,400	37.6	258.8	34,900	125
130	14.6	216.9	29,200	23.9	235.1	32,900	33.5	251.6	33,100	130
133	6.0	199.3	29,200	19.7	226.8	32,300	30.6	246.5	32,000	133
134				18.3	224.0	32,100	29.7	244.8	31,700	134
135				16.9	221.2	31,900	28.8	243.2	31,300	135
139				7.3	201.5	31,800	24.3	234.7	30,100	139
140							23.2	232.6	29,700	140
145							15.8	218.0	28,200	145
149							3.7	193.1	27,000	149
150										150
155										155
157										157
158										158
160										160
165										165
170										170
173										173
175										175
180										180
185										185
188										188
190										190
195										195
200										200
203										203

MLC250 S-2

ASME B30.5



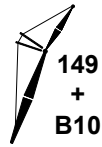
184,600 lb
+
44,000 lb



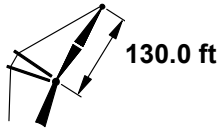
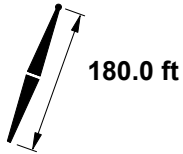
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
44													44
45													45
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85	67.8	295.7	54,400										85
90	65.2	293.4	50,500										90
95	62.5	290.9	47,000										95
100	59.8	288.1	43,900										100
105	57.0	284.9	41,100										105
110	54.0	281.4	38,600	62.7	287.5	33,800							110
115	51.0	277.5	36,400	59.9	284.7	31,800							115
120	47.8	273.1	34,300	57.1	281.5	29,900							120
125	44.5	268.2	32,400	54.2	278.0	28,200							125
130	40.9	262.7	30,700	51.2	274.1	26,700							130
133	38.6	258.9	29,700	49.3	271.5	25,800							133
134	37.8	257.6	29,400	48.6	270.7	25,500	57.6	277.2	21,700				134
135	37.1	256.4	29,100	48.0	269.8	25,200	57.1	276.6	21,500				135
139	33.7	250.5	27,900	45.3	265.9	24,200	54.7	273.8	20,600				139
140	32.8	249.0	27,600	44.7	264.9	23,900	54.2	273.1	20,300				140
145	28.0	240.3	26,200	41.1	259.4	22,700	51.1	269.2	19,200				145
149	23.4	231.6	25,100	38.1	254.4	21,800	48.6	265.7	18,400				149
150	22.3	229.4	24,900	37.3	253.2	21,500	48.0	264.8	18,200				150
155	14.5	213.7	23,600	33.1	245.9	20,400	44.6	259.9	17,300				155
157	8.6	201.8	23,100	31.2	242.5	20,000	43.2	257.7	16,900	52.6	264.9	13,500	157
158	5.7	195.8	22,800	30.2	240.7	19,800	42.5	256.6	16,700	52.0	264.1	13,300	158
160				28.3	237.3	19,400	41.1	254.4	16,400	50.8	262.5	13,000	160
165				22.7	226.5	18,500	37.2	248.1	15,500	47.6	258.1	12,200	165
170				15.0	211.3	17,500	33.0	240.9	14,700	44.2	253.1	11,500	170
173				7.1	195.0	16,900	30.2	235.7	14,300	42.1	249.8	11,100	173
175							28.3	232.2	14,000	40.7	247.6	10,800	175
180							22.6	221.4	13,200	36.8	241.2	10,100	180
185							14.9	206.1	12,500	32.5	233.8	9,500	185
188							6.7	189.4	12,100	29.6	228.5	9,100	188
190										27.7	224.9	8,900	190
195										21.8	213.8	8,300	195
200										13.7	197.5	7,700	200
203										3.2	175.7	7,300	203

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



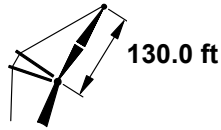
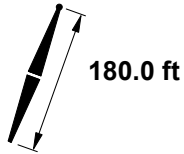
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
47	75.7	313.6	58,300 c							47
50	74.3	312.8	57,500 b							50
55	72.0	311.2	56,900 b							55
57	71.0	310.5	56,300 b	73.9	312.2	67,400				57
60	69.6	309.4	55,400	72.6	311.2	66,900				60
65	67.3	307.4	53,900	70.2	309.5	66,000				65
70	64.8	305.1	52,500	67.9	307.5	64,600				70
73	63.3	303.6	51,700	66.4	306.2	62,700	70.9	309.0	65,800	73
75	62.4	302.6	51,200	65.4	305.3	61,500	69.9	308.2	65,700	75
80	59.8	299.7	48,700	63.0	302.8	58,100	67.6	306.2	62,800	80
85	57.2	296.6	45,600	60.5	300.1	54,800	65.1	304.0	58,000	85
89	55.1	293.8	43,400	58.4	297.6	52,200	63.2	302.0	54,600	89
90	54.5	293.1	42,800	57.9	297.0	51,500	62.7	301.5	53,800	90
95	51.8	289.3	40,200	55.2	293.6	48,400	60.2	298.7	50,100	95
100	48.9	285.1	37,700	52.5	289.9	45,500	57.6	295.6	46,800	100
105	45.9	280.4	35,300	49.6	285.8	42,600	54.9	292.2	43,900	105
110	42.7	275.2	33,200	46.6	281.2	40,200	52.1	288.4	41,200	110
114	39.9	270.4	31,700	44.1	277.1	38,300	49.8	285.0	39,300	114
115	39.3	269.3	31,300	43.5	276.1	37,800	49.3	284.2	38,800	115
120	35.6	262.6	29,700	40.2	270.4	35,500	46.3	279.6	36,600	120
125	31.5	254.9	28,200	36.6	264.0	33,500	43.1	274.4	34,600	125
130	27.0	245.8	27,100	32.6	256.6	31,700	39.7	268.6	32,800	130
135	21.5	234.3	26,200	28.2	247.8	30,300	36.1	262.1	31,100	135
139	15.5	221.4	25,700	24.0	239.3	29,300	32.9	256.0	29,800	139
140	14.0	218.1	25,600	23.0	237.1	29,000	32.1	254.5	29,500	140
143	5.8	199.8	25,600	18.9	228.4	28,500	29.4	249.2	28,600	143
145				16.2	222.6	28,200	27.6	245.6	28,000	145
149				7.0	202.1	28,200	23.3	236.8	26,900	149
150							22.2	234.5	26,600	150
155							15.1	219.3	25,300	155
159							3.6	193.3	24,200	159
160										160
163										163
165										165
168										168
170										170
175										175
180										180
183										183
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198										198
200										200
210										210
213										213

MLC250 S-2

ASME B30.5



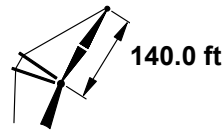
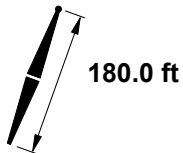
184,600 lb
+
44,000 lb



	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
47													47
50													50
55													55
57													57
60													60
65													65
70													70
73													73
75													75
80													80
85													85
89	67.7	304.8	50,800										89
90	67.2	304.4	50,100										90
95	64.8	302.1	46,600										95
100	62.3	299.6	43,500										100
105	59.8	296.8	40,700										105
110	57.2	293.6	38,300										110
114	55.0	290.8	36,400	63.0	296.7	31,700							114
115	54.5	290.2	36,000	62.5	296.2	31,300							115
120	51.7	286.3	33,900	59.9	293.3	29,500							120
125	48.8	282.1	32,000	57.3	290.2	27,800							125
130	45.8	277.4	30,300	54.7	286.8	26,300							130
135	42.6	272.1	28,700	51.9	283.0	24,800							135
139	39.9	267.4	27,500	49.6	279.6	23,800	57.8	285.9	20,100				139
140	39.2	266.3	27,200	49.0	278.8	23,500	57.3	285.3	19,900				140
143	37.0	262.3	26,400	47.2	275.9	22,800	55.7	283.2	19,200				143
145	35.5	259.6	25,900	46.0	274.1	22,300	54.6	281.8	18,800				145
149	32.3	253.4	24,800	43.5	269.9	21,400	52.4	278.8	18,000				149
150	31.5	251.9	24,600	42.8	268.9	21,200	51.9	278.0	17,800				150
155	26.9	242.7	23,400	39.4	263.0	20,100	49.0	273.8	16,800				155
159	22.5	233.5	22,500	36.5	257.7	19,300	46.6	270.0	16,100				159
160	21.4	231.2	22,200	35.8	256.4	19,100	46.0	269.1	16,000				160
163	16.9	221.5	21,600	33.4	251.8	18,500	44.0	266.0	15,500	52.7	272.9	11,900	163
165	13.9	214.9	21,100	31.7	248.8	18,100	42.8	263.9	15,100	51.5	271.3	11,600	165
168	5.5	196.2	20,500	29.0	243.3	17,600	40.7	260.4	14,700	49.8	268.8	11,100	168
170				27.2	239.7	17,300	39.4	258.0	14,300	48.6	267.1	10,800	170
175				21.7	228.4	16,400	35.7	251.4	13,600	45.6	262.3	10,200	175
180				14.4	212.5	15,600	31.7	243.7	12,900	42.4	257.1	9,500	180
183				6.8	195.6	15,100	28.7	237.6	12,500	40.3	253.2	9,200	183
190							21.6	223.3	11,600	35.3	244.4	8,300	190
198							6.5	189.9	10,400	28.3	230.7	7,400	198
200										26.5	227.3	7,200	200
210										13.1	198.7	6,100	210
213										3.0	175.9	5,800	213

MLC250 S-2

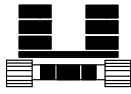
ASME B30.5



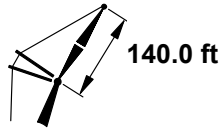
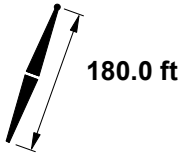
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
49	75.9	323.4	53,600 b						49	
50	75.4	323.2	53,600 b						50	
55	73.3	321.7	52,200 b						55	
60	71.1	320.1	51,700	73.8	321.7	59,000			60	
65	69.0	318.2	50,400	71.7	320.1	59,000			65	
70	66.7	316.1	49,200	69.5	318.3	59,000			70	
75	64.5	313.8	47,300	67.3	316.3	58,900			75	
76	64.0	313.3	47,200	66.9	315.8	58,300	71.0	318.5	59,000	76
80	62.2	311.2	46,900	65.1	314.0	56,000	69.2	317.0	59,000	80
85	59.8	308.4	44,500	62.8	311.5	53,100	67.0	315.0	57,500	85
90	57.4	305.3	41,800	60.4	308.7	50,200	64.8	312.7	53,300	90
93	55.9	303.2	40,300	59.0	306.9	48,500	63.4	311.1	51,100	93
95	54.9	301.9	39,300	58.0	305.7	47,400	62.5	310.1	49,600	95
100	52.4	298.1	37,000	55.6	302.4	44,700	60.1	307.3	46,300	100
105	49.7	294.0	34,900	53.0	298.7	42,000	57.7	304.3	43,400	105
110	47.0	289.5	32,700	50.4	294.7	39,600	55.3	300.9	40,700	110
115	44.1	284.5	30,800	47.7	290.3	37,200	52.7	297.2	38,300	115
119	41.6	280.0	29,500	45.4	286.3	35,600	50.6	293.9	36,600	119
120	41.0	278.9	29,100	44.8	285.4	35,200	50.1	293.1	36,100	120
125	37.8	272.7	27,600	41.8	280.0	33,200	47.3	288.6	34,100	125
130	34.2	265.7	26,300	38.6	274.0	31,300	44.5	283.7	32,300	130
135	30.4	257.6	25,100	35.2	267.2	29,700	41.4	278.2	30,600	135
140	25.9	248.1	24,100	31.4	259.4	28,200	38.2	272.1	29,000	140
144	21.7	238.5	23,500	28.0	252.1	27,200	35.4	266.6	27,900	144
145	20.6	236.1	23,400	27.1	250.3	27,000	34.7	265.2	27,600	145
150	13.4	219.3	23,200	22.1	239.1	26,000	30.9	257.3	26,200	150
153	5.6	200.2	23,200	18.2	230.0	25,600	28.3	251.7	25,500	153
155				15.6	224.0	25,400	26.5	248.0	25,000	155
159				6.7	202.6	25,400	22.4	238.7	24,000	159
160							21.4	236.4	23,800	160
165							14.6	220.5	22,600	165
169							3.4	193.6	21,700	169
170										170
175										175
178										178
180										180
185										185
190										190
193										193
195										195
200										200
205										205
208										208
210										210

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



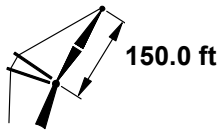
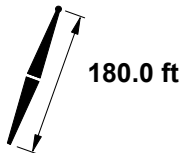
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ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
49													49
50													50
55													55
60													60
65													65
70													70
75													75
76													76
80													80
85													85
90													90
93	67.6	314.0	47,400										93
95	66.7	313.1	46,000										95
100	64.5	310.8	42,900										100
105	62.2	308.3	40,200										105
110	59.8	305.4	37,700										110
115	57.4	302.3	35,400										115
119	55.4	299.6	33,800	62.8	305.3	29,200							119
120	54.9	298.9	33,400	62.3	304.8	28,900							120
125	52.4	295.1	31,500	59.9	302.0	27,200							125
130	49.7	291.0	29,800	57.5	298.9	25,700							130
135	46.9	286.5	28,200	55.1	295.5	24,300							135
140	44.1	281.5	26,700	52.5	291.8	22,900							140
144	41.6	277.0	25,700	50.4	288.5	22,000	58.0	294.6	18,400				144
145	41.0	275.9	25,400	49.9	287.7	21,700	57.5	293.9	18,100				145
150	37.7	269.7	24,100	47.1	283.2	20,600	55.0	290.5	17,100				150
153	35.6	265.5	23,400	45.4	280.2	20,000	53.5	288.3	16,600				153
155	34.2	262.7	22,900	44.2	278.2	19,500	52.5	286.8	16,200				155
159	31.1	256.2	22,000	41.8	273.8	18,800	50.3	283.5	15,500				159
160	30.3	254.6	21,800	41.2	272.7	18,600	49.8	282.7	15,300				160
165	25.9	245.0	20,800	37.9	266.5	17,600	47.1	278.2	14,500				165
169	21.6	235.4	20,000	35.1	260.9	16,900	44.7	274.2	13,900	52.7	280.9	10,000	169
170	20.6	233.0	19,800	34.4	259.5	16,700	44.2	273.2	13,700	52.2	280.2	9,900	170
175	13.3	216.1	18,800	30.5	251.5	15,900	41.1	267.7	12,900	49.5	276.0	9,200	175
178	5.3	196.6	18,200	27.9	245.8	15,400	39.2	263.9	12,500	47.8	273.3	8,900	178
180				26.2	242.0	15,100	37.9	261.5	12,200	46.7	271.4	8,600	180
185				20.9	230.2	14,400	34.3	254.5	11,500	43.8	266.4	8,000	185
190				13.9	213.7	13,600	30.5	246.4	10,800	40.8	260.8	7,400	190
193				6.5	196.1	13,200	27.8	240.7	10,400	38.8	257.0	7,100	193
195							26.1	236.9	10,200	37.5	254.5	6,900	195
200							20.8	225.1	9,500	33.9	247.4	6,400	200
205							13.7	208.5	8,900	30.0	239.3	5,900	205
208							6.2	190.4	8,500	27.3	233.4	5,600	208
210										25.5	229.5	5,400	210

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



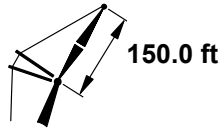
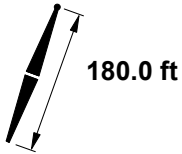
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
51	76.0	333.2	49,500 b							51
55	74.4	332.2	49,200 b							55
60	72.5	330.6	48,300							60
63	71.2	329.6	47,700	73.8	331.2	57,000				63
65	70.4	328.9	47,200	73.0	330.6	56,800				65
70	68.4	327.0	45,400	70.9	328.9	56,200				70
75	66.3	324.8	45,100	68.9	327.1	55,300				75
80	64.2	322.5	43,400	66.8	325.0	53,500	70.7	327.7	55,400	80
85	62.0	319.9	43,000	64.7	322.7	51,000	68.6	325.8	55,400	85
90	59.8	317.0	40,600	62.6	320.2	48,400	66.6	323.7	53,100	90
95	57.6	314.0	38,200	60.4	317.4	45,900	64.5	321.4	49,400	95
96	57.1	313.3	37,700	60.0	316.8	45,400	64.0	320.8	48,800	96
100	55.3	310.6	36,000	58.2	314.4	43,400	62.3	318.8	46,100	100
105	52.9	306.9	33,900	55.9	311.1	41,000	60.1	316.0	43,200	105
110	50.5	302.9	32,000	53.5	307.4	38,600	57.9	312.9	40,500	110
115	47.9	298.5	30,200	51.1	303.5	36,500	55.6	309.6	38,200	115
120	45.3	293.7	28,400	48.6	299.2	34,400	53.2	306.0	36,000	120
123	43.6	290.5	27,500	47.0	296.4	33,300	51.8	303.6	34,800	123
125	42.5	288.4	26,900	46.0	294.5	32,500	50.8	302.0	34,000	125
130	39.6	282.5	25,500	43.2	289.4	30,800	48.3	297.6	32,100	130
135	36.4	276.0	24,300	40.3	283.7	29,100	45.6	292.9	30,500	135
140	33.0	268.7	23,200	37.2	277.3	27,600	42.9	287.7	28,900	140
145	29.3	260.2	22,300	33.9	270.2	26,300	39.9	281.9	27,500	145
150	25.0	250.3	21,400	30.3	262.1	25,000	36.8	275.5	26,100	150
155	19.9	237.9	20,900	26.2	252.6	24,100	33.5	268.2	24,800	155
160	13.0	220.4	20,600	21.3	240.9	23,300	29.8	260.0	23,700	160
163	5.3	200.7	20,600	17.6	231.5	22,900	27.3	254.1	23,000	163
165				15.0	225.3	22,700	25.6	250.2	22,600	165
169				6.4	203.1	22,700	21.6	240.6	21,700	169
170							20.6	238.2	21,500	170
175							14.0	221.7	20,500	175
179							3.3	193.8	19,600	179
180										180
185										185
188										188
190										190
195										195
200										200
203										203
205										205
210										210
215										215
218										218

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



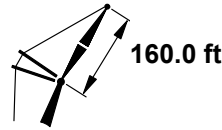
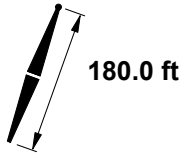
	80°			75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
51													51
55													55
60													60
63													63
65													65
70													70
75													75
80													80
85													85
90													90
95													95
96	67.9	323.6	45,200										96
100	66.3	321.9	42,800										100
105	64.2	319.5	40,000										105
110	62.0	316.9	37,500										110
115	59.8	314.1	35,300										115
120	57.6	311.0	33,200										120
123	56.2	308.9	32,100	63.0	314.5	27,700							123
125	55.3	307.6	31,300	62.1	313.5	27,000							125
130	52.9	303.9	29,600	60.0	310.7	25,500							130
135	50.4	299.9	28,000	57.7	307.6	24,100							135
140	47.9	295.5	26,600	55.4	304.2	22,800							140
145	45.3	290.7	25,200	53.0	300.5	21,500							145
150	42.5	285.4	24,000	50.6	296.5	20,400	57.7	302.6	17,000				150
155	39.5	279.5	22,800	48.1	292.2	19,400	55.4	299.2	16,000				155
160	36.4	273.0	21,700	45.4	287.4	18,400	53.0	295.6	15,100				160
163	34.3	268.6	21,100	43.7	284.2	17,800	51.5	293.2	14,600				163
165	33.0	265.6	20,600	42.6	282.1	17,500	50.5	291.6	14,200				165
169	30.0	258.9	19,900	40.3	277.4	16,800	48.5	288.0	13,600				169
170	29.2	257.2	19,700	39.7	276.3	16,600	48.0	287.2	13,400				170
175	25.0	247.2	18,700	36.6	269.8	15,800	45.4	282.4	12,600	52.7	288.9	8,900	175
179	20.9	237.3	18,000	33.9	264.0	15,200	43.1	278.2	12,000	50.8	285.7	8,400	179
180	19.9	234.8	17,900	33.2	262.5	15,000	42.6	277.1	11,900	50.3	284.9	8,300	180
185	12.9	217.2	17,000	29.5	254.1	14,300	39.7	271.3	11,200	47.7	280.5	7,700	185
188	5.1	197.0	16,400	26.9	248.2	13,800	37.8	267.4	10,800	46.1	277.6	7,400	188
190				25.2	244.2	13,600	36.5	264.8	10,600	45.1	275.6	7,200	190
195				20.2	232.0	12,900	33.1	257.5	9,900	42.3	270.3	6,600	195
200				13.4	214.9	12,200	29.4	249.1	9,300	39.3	264.4	6,100	200
203				6.3	196.6	11,800	26.9	243.1	9,000	37.4	260.4	5,800	203
205							25.2	239.2	8,700	36.2	257.8	5,600	205
210							20.1	226.9	8,200	32.7	250.4	5,200	210
215							13.2	209.6	7,600				215
218							6.0	190.9	7,300				218

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



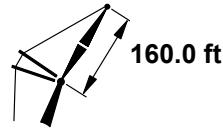
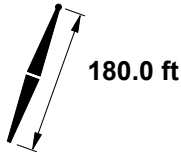
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
54	75.8	342.8	45,800 b							54
55	75.4	342.5	45,700 b							55
60	73.6	341.1	45,100							60
65	71.7	339.5	44,100							65
66	71.3	339.1	43,900	73.7	340.8	52,400				66
70	69.8	337.7	43,200	72.2	339.5	52,100				70
75	67.9	335.7	42,200	70.3	337.8	51,600				75
80	65.9	333.5	41,300	68.4	335.8	50,700				80
83	64.7	332.1	40,800	67.2	334.6	49,400	70.8	337.2	50,900	83
85	63.9	331.2	40,500	66.4	333.7	48,600	70.0	336.5	50,900	85
90	61.9	328.5	39,100	64.4	331.4	46,400	68.1	334.6	50,900	90
95	59.9	325.7	36,900	62.4	328.8	44,200	66.2	332.4	48,900	95
100	57.8	322.6	34,900	60.4	326.0	41,900	64.2	330.0	45,600	100
105	55.6	319.3	32,900	58.3	323.0	39,800	62.2	327.5	42,700	105
110	53.4	315.7	31,100	56.2	319.7	37,600	60.1	324.7	40,100	110
115	51.1	311.7	29,400	54.0	316.2	35,600	58.0	321.6	37,700	115
120	48.8	307.4	27,800	51.7	312.3	33,700	55.9	318.3	35,500	120
125	46.3	302.8	26,400	49.4	308.2	31,800	53.7	314.7	33,500	125
128	44.8	299.7	25,500	47.9	305.4	30,800	52.3	312.4	32,400	128
130	43.8	297.7	24,900	46.9	303.6	30,100	51.4	310.8	31,700	130
135	41.1	292.1	23,600	44.4	298.6	28,600	49.1	306.6	30,000	135
140	38.2	286.0	22,500	41.8	293.2	27,100	46.6	302.0	28,400	140
145	35.2	279.2	21,500	39.0	287.2	25,600	44.1	297.0	27,000	145
150	31.9	271.5	20,600	36.0	280.6	24,400	41.4	291.5	25,700	150
155	28.3	262.8	19,800	32.8	273.2	23,300	38.6	285.4	24,400	155
160	24.2	252.4	19,200	29.3	264.7	22,300	35.6	278.7	23,200	160
165	19.3	239.6	18,700	25.3	254.8	21,500	32.4	271.1	22,100	165
170	12.5	221.5	18,500	20.6	242.7	20,800	28.8	262.5	21,100	170
173	5.2	201.1	18,500	17.0	233.0	20,600	26.4	256.5	20,500	173
175				14.5	226.5	20,400	24.8	252.4	20,100	175
179				6.2	203.6	20,400	20.9	242.5	19,400	179
180							20.0	240.0	19,200	180
185							13.6	222.9	18,300	185
189							3.1	194.1	17,500	189
190										190
195										195
198										198
200										200
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213										213
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228										228

MLC250 S-2

ASME B30.5



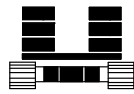
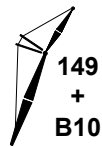
184,600 lb
+
44,000 lb



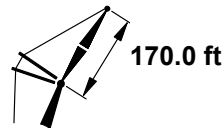
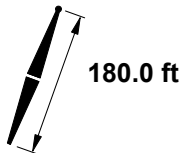
	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
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55										55
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66										66
70										70
75										75
80										80
83										83
85										85
90										90
95										95
100	67.9	332.8	42,200							100
105	65.9	330.6	39,400							105
110	63.9	328.2	37,000							110
115	61.9	325.6	34,700							115
120	59.8	322.7	32,700							120
125	57.7	319.7	30,800							125
128	56.4	317.6	29,800	62.8	323.2	25,500				128
130	55.6	316.3	29,100	62.0	322.1	24,900				130
135	53.4	312.7	27,500	60.0	319.3	23,500				135
140	51.1	308.7	26,100	57.9	316.2	22,200				140
145	48.7	304.5	24,700	55.7	312.9	21,000				145
150	46.3	299.8	23,500	53.5	309.3	19,900				150
155	43.7	294.7	22,300	51.2	305.4	18,800	57.8	311.3	15,100	155
160	41.0	289.1	21,200	48.9	301.1	17,800	55.7	307.9	14,200	160
165	38.2	283.0	20,200	46.4	296.5	16,900	53.5	304.3	13,300	165
170	35.2	276.2	19,200	43.9	291.4	16,100	51.2	300.4	12,500	170
173	33.2	271.6	18,700	42.3	288.1	15,600	49.8	297.8	12,100	173
175	31.9	268.5	18,300	41.2	285.9	15,300	48.8	296.1	11,800	175
179	29.0	261.5	17,600	38.9	281.0	14,600	46.9	292.4	11,200	179
180	28.3	259.7	17,400	38.4	279.8	14,500	46.4	291.5	11,100	180
185	24.2	249.3	16,600	35.4	273.0	13,800	43.8	286.4	10,400	185
189	20.2	239.0	16,000	32.7	266.9	13,200	41.7	282.0	9,900	189
190	19.2	236.5	15,800	32.1	265.4	13,100	41.2	280.9	9,700	190
195	12.4	218.2	15,000	28.5	256.7	12,400	38.3	274.8	9,100	195
198	4.9	197.4	14,600	26.0	250.5	12,000	36.5	270.7	8,800	198
200				24.4	246.4	11,800	35.3	268.0	8,500	200
205				19.5	233.7	11,200	32.0	260.3	8,000	205
210				12.9	216.0	10,600	28.4	251.6	7,400	210
213				6.1	197.1	10,200	26.0	245.4	7,100	213
215							24.3	241.3	6,900	215
220							19.4	228.6	6,400	220
228							5.8	191.3	5,600	228

MLC250 S-2

ASME B30.5



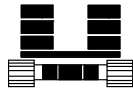
184,600 lb
+
44,000 lb



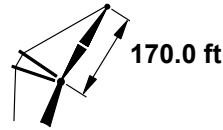
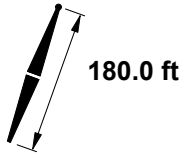
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
56	76.0	352.6	42,300 b						56	
60	74.6	351.5	41,900						60	
65	72.8	350.0	41,300						65	
68	71.7	349.0	40,800	74.0	350.6	48,400			68	
70	71.0	348.4	40,500	73.3	350.0	48,300			70	
75	69.2	346.5	39,600	71.5	348.4	47,900			75	
80	67.4	344.5	38,800	69.7	346.6	47,500			80	
85	65.6	342.3	38,000	67.9	344.6	46,400			85	
86	65.2	341.8	37,900	67.5	344.2	46,000	70.9	346.8	46,900	86
90	63.7	339.8	37,300	66.1	342.4	44,400	69.5	345.3	46,900	90
95	61.8	337.2	35,800	64.2	340.1	42,500	67.7	343.3	46,900	95
100	59.9	334.4	33,800	62.3	337.5	40,500	65.8	341.1	45,200	100
104	58.3	331.9	32,400	60.7	335.3	38,900	64.3	339.2	42,900	104
105	57.9	331.3	32,100	60.4	334.7	38,600	63.9	338.7	42,300	105
110	55.9	328.0	30,300	58.4	331.7	36,700	62.1	336.1	39,700	110
115	53.8	324.4	28,700	56.4	328.4	34,800	60.1	333.3	37,300	115
120	51.7	320.5	27,200	54.3	324.9	32,900	58.1	330.3	35,100	120
125	49.5	316.4	25,800	52.2	321.1	31,300	56.1	327.0	33,100	125
130	47.2	311.8	24,500	50.0	317.0	29,600	54.1	323.4	31,300	130
132	46.2	309.9	23,900	49.1	315.3	29,000	53.2	321.9	30,600	132
135	44.8	306.9	23,200	47.8	312.6	28,100	51.9	319.6	29,600	135
140	42.4	301.6	22,000	45.4	307.8	26,600	49.8	315.5	28,100	140
145	39.8	295.8	21,000	43.0	302.6	25,400	47.5	311.0	26,600	145
150	37.0	289.4	20,000	40.5	296.9	24,100	45.1	306.2	25,300	150
155	34.1	282.3	19,200	37.8	290.7	22,900	42.7	300.9	24,100	155
160	30.9	274.3	18,400	34.9	283.7	21,800	40.1	295.1	22,900	160
165	27.4	265.2	17,800	31.8	276.0	20,900	37.4	288.8	21,800	165
170	23.5	254.5	17,200	28.4	267.2	20,000	34.5	281.8	20,800	170
175	18.7	241.2	16,900	24.5	257.0	19,400	31.4	274.0	19,800	175
180	12.1	222.5	16,700	20.0	244.5	18,800	27.9	265.0	18,900	180
183	5.0	201.5	16,700	16.5	234.4	18,600	25.6	258.7	18,400	183
185				14.1	227.7	18,500	24.0	254.5	18,000	185
189				6.0	204.1	18,500	20.3	244.2	17,400	189
190							19.3	241.7	17,200	190
195							13.2	224.0	16,400	195
199							3.0	194.3	15,700	199
200										200
205										205
208										208
210										210
215										215
220										220
223										223
225										225

MLC250 S-2

ASME B30.5



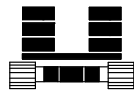
184,600 lb
+
44,000 lb



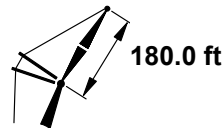
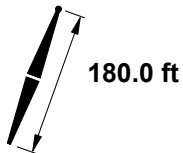
	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
56										56
60										60
65										65
68										68
70										70
75										75
80										80
85										85
86										86
90										90
95										95
100										100
104	67.8	341.9	39,500							104
105	67.4	341.5	39,000							105
110	65.6	339.3	36,500							110
115	63.7	336.9	34,300							115
120	61.8	334.2	32,300							120
125	59.8	331.4	30,400							125
130	57.9	328.3	28,700							130
132	57.1	327.0	28,100	63.0	332.4	23,900				132
135	55.8	325.0	27,100	61.9	330.8	23,000				135
140	53.8	321.4	25,700	60.0	328.0	21,700				140
145	51.6	317.6	24,300	58.0	324.9	20,500				145
150	49.4	313.4	23,100	56.0	321.6	19,400				150
155	47.2	308.8	21,900	53.9	318.0	18,400				155
160	44.8	303.9	20,800	51.8	314.2	17,400	57.9	320.0	13,500	160
165	42.3	298.6	19,800	49.6	310.0	16,500	55.9	316.6	12,700	165
170	39.8	292.8	18,900	47.3	305.5	15,700	53.9	313.1	11,900	170
175	37.0	286.4	17,900	44.9	300.6	14,900	51.7	309.2	11,100	175
180	34.1	279.3	17,100	42.5	295.3	14,100	49.5	305.0	10,400	180
183	32.2	274.5	16,600	40.9	291.9	13,700	48.2	302.3	10,000	183
185	30.9	271.3	16,300	39.9	289.5	13,400	47.3	300.5	9,800	185
189	28.1	264.0	15,700	37.7	284.4	12,800	45.4	296.6	9,300	189
190	27.4	262.1	15,500	37.2	283.2	12,700	44.9	295.7	9,100	190
195	23.4	251.4	14,800	34.3	276.1	12,000	42.4	290.3	8,500	195
199	19.6	240.7	14,200	31.7	269.7	11,500	40.4	285.7	8,100	199
200	18.6	238.1	14,100	31.1	268.2	11,400	39.9	284.5	7,900	200
205	12.0	219.3	13,400	27.6	259.1	10,700	37.1	278.1	7,400	205
208	4.7	197.8	12,900	25.2	252.7	10,400	35.4	273.9	7,100	208
210				23.7	248.5	10,100	34.2	271.1	6,900	210
215				18.9	235.4	9,500	31.0	263.1	6,400	215
220				12.5	217.1	8,900	27.6	254.0	5,900	220
223				5.9	197.6	8,500	25.2	247.6	5,600	223
225							23.6	243.4	5,400	225

MLC250 S-2

ASME B30.5



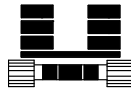
184,600 lb
+
44,000 lb



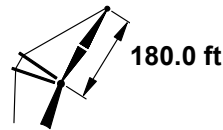
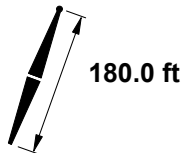
	88°			86°			83°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
59	75.8	362.2	38,900 b							59
60	75.5	361.9	38,900							60
65	73.8	360.5	38,500							65
70	72.1	358.9	37,800							70
71	71.8	358.6	37,600	73.9	360.2	44,600				71
75	70.4	357.2	37,100	72.6	358.9	44,300				75
80	68.7	355.3	36,300	70.9	357.2	44,000				80
85	67.0	353.2	35,600	69.2	355.4	43,600				85
89	65.6	351.4	35,100	67.8	353.7	42,500	71.0	356.3	43,100	89
90	65.3	351.0	35,000	67.5	353.3	42,300	70.7	356.0	43,100	90
95	63.5	348.5	34,300	65.7	351.1	40,600	69.0	354.1	43,100	95
100	61.7	345.9	32,700	64.0	348.7	38,900	67.2	352.1	43,000	100
105	59.9	343.0	31,000	62.2	346.2	37,100	65.5	349.8	41,800	105
107	59.1	341.8	30,400	61.4	345.0	36,400	64.8	348.9	40,800	107
110	58.0	340.0	29,400	60.3	343.4	35,400	63.7	347.4	39,200	110
115	56.1	336.7	27,900	58.5	340.4	33,700	61.9	344.8	36,800	115
120	54.2	333.1	26,500	56.6	337.1	32,100	60.1	342.0	34,600	120
125	52.2	329.3	25,100	54.7	333.7	30,400	58.2	338.9	32,600	125
130	50.1	325.2	23,800	52.7	329.9	29,000	56.3	335.7	30,800	130
135	48.0	320.8	22,700	50.6	325.9	27,500	54.4	332.2	29,200	135
137	47.1	318.9	22,300	49.8	324.2	26,900	53.6	330.7	28,500	137
140	45.8	316.1	21,600	48.5	321.6	26,100	52.4	328.4	27,600	140
145	43.5	311.0	20,500	46.3	316.9	24,800	50.4	324.4	26,200	145
150	41.1	305.4	19,500	44.1	311.9	23,600	48.3	320.0	24,800	150
155	38.6	299.3	18,600	41.7	306.4	22,600	46.1	315.3	23,600	155
160	36.0	292.6	17,800	39.3	300.5	21,500	43.8	310.2	22,400	160
165	33.1	285.3	17,100	36.6	294.0	20,400	41.4	304.7	21,400	165
166	32.5	283.6	17,000	36.1	292.5	20,200	40.9	303.5	21,200	166
170	30.0	277.0	16,500	33.9	286.8	19,500	38.9	298.7	20,300	170
175	26.6	267.6	15,900	30.9	278.8	18,700	36.3	292.1	19,400	175
180	22.8	256.5	15,500	27.5	269.7	18,000	33.5	284.8	18,500	180
185	18.1	242.8	15,200	23.8	259.1	17,500	30.5	276.7	17,600	185
190	11.8	223.5	15,200	19.4	246.2	17,100	27.1	267.4	16,800	190
193	4.8	201.9	15,200	16.0	235.8	16,900	24.8	260.9	16,300	193
195				13.7	228.9	16,800	23.3	256.6	16,000	195
199				5.8	204.6	16,300	19.7	246.0	15,400	199
200							18.8	243.3	15,300	200
205							12.8	225.1	14,500	205
209							2.9	194.5	13,900	209
210										210
218										218
220										220
230										230
233										233

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



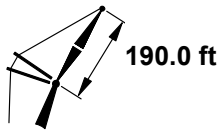
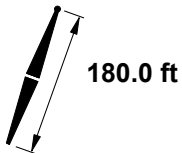
	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
59										59
60										60
65										65
70										70
71										71
75										75
80										80
85										85
89										89
90										90
95										95
100										100
105										105
107	68.0	351.5	37,400							107
110	67.0	350.2	36,000							110
115	65.3	348.0	33,800							115
120	63.5	345.5	31,700							120
125	61.7	342.9	29,900							125
130	59.9	340.1	28,200							130
135	58.0	337.0	26,600							135
137	57.2	335.7	26,000	62.9	341.1	21,900				137
140	56.1	333.7	25,200	61.8	339.5	21,100				140
145	54.1	330.2	23,800	60.0	336.6	20,000				145
150	52.1	326.4	22,600	58.1	333.6	18,900				150
155	50.1	322.3	21,400	56.2	330.3	17,800				155
160	48.0	317.9	20,300	54.2	326.8	16,900				160
165	45.8	313.1	19,300	52.2	323.0	16,000				165
166	45.3	312.1	19,100	51.8	322.2	15,800	57.7	328.0	11,600	166
170	43.5	308.0	18,400	50.2	318.9	15,100	56.2	325.3	11,000	170
175	41.1	302.4	17,500	48.1	314.5	14,300	54.2	321.8	10,300	175
180	38.6	296.3	16,600	45.9	309.8	13,500	52.2	318.0	9,600	180
185	35.9	289.6	15,800	43.6	304.7	12,700	50.2	313.9	8,900	185
190	33.1	282.2	15,100	41.2	299.1	12,000	48.0	309.5	8,300	190
193	31.2	277.3	14,600	39.7	295.5	11,600	46.7	306.7	7,900	193
195	30.0	273.9	14,300	38.7	293.1	11,300	45.8	304.8	7,700	195
199	27.3	266.4	13,800	36.6	287.7	10,800	44.0	300.7	7,200	199
200	26.6	264.5	13,600	36.1	286.4	10,600	43.6	299.7	7,100	200
205	22.7	253.4	13,000	33.3	279.1	10,000	41.2	294.1	6,600	205
209	19.0	242.4	12,500	30.8	272.5	9,500	39.2	289.3	6,200	209
210	18.1	239.7	12,300	30.2	270.9	9,400	38.7	288.1	6,100	210
218				24.4	254.6	8,500	34.3	276.8	5,300	218
220	4.6	198.2	11,300	23.0	250.5	8,300	33.2	274.0	5,100	220
230				12.2	218.1	7,200				230
233				5.7	198.1	6,800				233

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



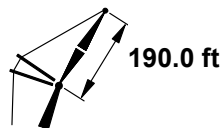
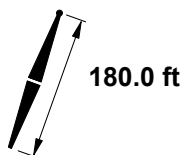
	88°			86°			83°			
	ft	ft	lb	ft	lb	ft	lb	ft		
61	75.9	372.0	36,000						61	
65	74.7	370.9	35,700						65	
70	73.1	369.4	35,300						70	
74	71.8	368.1	34,800	73.8	369.7	41,000			74	
75	71.5	367.8	34,600	73.5	369.4	41,000			75	
80	69.9	366.0	34,000	71.9	367.8	40,700			80	
85	68.3	364.0	33,400	70.3	366.1	40,400			85	
90	66.7	361.9	32,800	68.7	364.2	40,100			90	
93	65.7	360.6	32,400	67.7	362.9	39,200	70.8	365.5	39,600	93
95	65.0	359.7	32,200	67.1	362.1	38,700	70.1	364.8	39,600	95
100	63.3	357.2	31,500	65.4	359.8	37,200	68.5	362.9	39,600	100
105	61.6	354.5	30,000	63.8	357.4	35,600	66.9	360.8	39,500	105
110	59.9	351.7	28,500	62.1	354.8	34,100	65.2	358.5	38,900	110
111	59.5	351.1	28,300	61.7	354.3	33,800	64.9	358.0	38,500	111
115	58.1	348.6	27,100	60.3	352.0	32,600	63.5	356.1	36,600	115
120	56.3	345.4	25,800	58.6	349.0	31,200	61.8	353.5	34,400	120
125	54.5	341.9	24,500	56.8	345.8	29,700	60.1	350.6	32,400	125
130	52.6	338.1	23,300	54.9	342.4	28,300	58.3	347.6	30,600	130
135	50.7	334.1	22,100	53.1	338.7	26,900	56.5	344.4	28,900	135
140	48.7	329.8	21,100	51.2	334.7	25,600	54.7	340.9	27,400	140
142	47.8	327.9	20,700	50.4	333.0	25,100	54.0	339.4	26,800	142
145	46.6	325.2	20,100	49.2	330.5	24,400	52.8	337.2	26,000	145
150	44.5	320.2	19,200	47.1	326.0	23,200	50.9	333.2	24,600	150
155	42.3	314.8	18,200	45.0	321.1	22,100	48.9	328.9	23,400	155
160	40.0	309.0	17,400	42.8	315.8	21,100	46.9	324.4	22,200	160
165	37.5	302.7	16,700	40.6	310.1	20,200	44.8	319.4	21,200	165
170	35.0	295.8	16,000	38.2	304.0	19,300	42.6	314.1	20,100	170
171	34.4	294.3	15,800	37.7	302.6	19,100	42.1	313.0	19,900	171
175	32.2	288.1	15,400	35.6	297.2	18,400	40.3	308.4	19,200	175
180	29.2	279.6	14,900	32.9	289.8	17,600	37.9	302.1	18,300	180
185	25.9	269.9	14,400	30.0	281.5	17,000	35.3	295.3	17,400	185
190	22.2	258.4	14,100	26.8	272.1	16,300	32.6	287.7	16,600	190
195	17.6	244.3	13,800	23.2	261.1	15,900	29.6	279.3	15,800	195
200	11.5	224.5	13,800	18.9	247.8	15,500	26.4	269.7	15,100	200
203	4.7	202.2	13,600	14.5	233.6	15,100	23.9	262.3	14,700	203
209				5.7	205.1	14,400	19.1	247.4	13,900	209
210							18.3	244.9	13,700	210
215							12.4	226.2	13,100	215
219							2.8	194.7	12,500	219
220										220
228										228
230										230
240										240
243										243

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



	80°			75°			70°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
61										61
65										65
70										70
74										74
75										75
80										80
85										85
90										90
93										93
95										95
100										100
105										105
110										110
111	68.0	360.7	35,300							111
115	66.6	359.0	33,500							115
120	65.0	356.7	31,500							120
125	63.3	354.2	29,600							125
130	61.6	351.6	28,000							130
135	59.9	348.7	26,400							135
140	58.1	345.7	24,900							140
142	57.4	344.4	24,400	62.7	349.7	20,400				142
145	56.3	342.4	23,600	61.7	348.1	19,700				145
150	54.5	338.9	22,400	60.0	345.3	18,600				150
155	52.6	335.1	21,200	58.2	342.3	17,600				155
160	50.6	331.1	20,100	56.4	339.0	16,600				160
165	48.6	326.8	19,100	54.6	335.5	15,700				165
170	46.6	322.2	18,200	52.7	331.8	14,800				170
171	46.2	321.2	18,000	52.3	331.0	14,600	57.8	336.7	10,500	171
175	44.5	317.2	17,300	50.7	327.8	13,900	56.4	334.0	9,900	175
180	42.2	311.8	16,400	48.8	323.5	13,100	54.5	330.5	9,200	180
185	39.9	306.0	15,600	46.7	318.9	12,400	52.6	326.8	8,600	185
190	37.5	299.7	14,900	44.6	313.9	11,600	50.7	322.8	7,900	190
195	34.9	292.8	14,100	42.4	308.6	10,900	48.7	318.5	7,300	195
200	32.2	285.1	13,500	40.1	302.8	10,300	46.7	313.9	6,800	200
203	30.3	279.6	13,100	38.6	298.8	9,900	45.4	310.8	6,500	203
209	26.5	268.6	12,300	35.6	290.9	9,200	42.8	304.6	5,900	209
210	25.9	266.8	12,200	35.1	289.6	9,100	42.3	303.6	5,700	210
215	22.1	255.3	11,600	32.3	282.0	8,500	40.0	297.8	5,300	215
219	18.5	244.0	11,100	29.9	275.2	8,100				219
220	17.6	241.2	11,000	29.4	273.5	8,000				220
228	4.5	198.5	10,100	23.7	256.7	7,100				228
230				22.3	252.5	6,900				230
240				11.8	219.1	5,900				240
243				5.5	198.5	5,600				243