

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 on
 Boom No. B10:82A
 149,600 lb Crane Counterweight
 0 lb Carbody Counterweight
 360 Degree Rating

MLC250 SERIES 1



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.

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 2,500 lb minimum weight suspended beneath luffing jib point. Capacities indicated by (c) require 6,000 lb minimum weight suspended beneath luffing jib point. Capacities indicated by (d) require 11,000 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. 80138074, Wire Rope Specification chart No. 9935-A, Counterweight Arrangements chart No. 9893-A, Luffing Jib Raising Procedure chart No. 9937-A, and Wind Conditions chart No. 9936-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.

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. 9938-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.



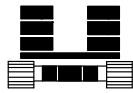
LUFFING JIB POINT ELEVATION: Luffing jib point elevation is vertical distance from ground level to centerline of luffing jib point shaft.

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, 8 part luffing jib hoist reeving, two 1-1/2 in. luffing jib pendants and backstays.

Explanation of Symbols



Luffing Jib No. 135
+
Boom No. B10:82A



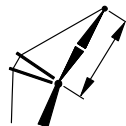
Crane Counterweight
+
Carbody Counterweight



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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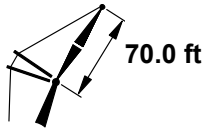
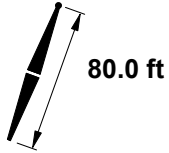
REFERENCE ONLY!

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



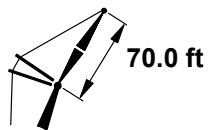
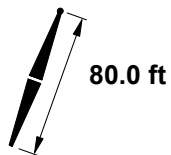
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
27	76.0	156.0	117,100 d							27
30	73.4	155.2	117,000 d							30
35	69.1	153.5	113,700 c							35
40	64.7	151.3	107,700 c	70.8	153.4	117,400 c				40
45	60.0	148.7	102,400 c	66.4	151.5	111,300 c				45
48	57.1	146.8	99,600 c	63.7	150.0	106,700 c	67.4	151.2	106,800 c	48
50	55.2	145.5	97,800 b	61.9	149.0	103,700 b	65.6	150.3	101,200 c	50
55	50.0	141.7	93,700 b	57.1	146.1	91,600 b	61.0	147.8	89,400 b	55
60	44.5	137.1	85,300 b	52.1	142.5	82,000	56.3	144.8	80,000 b	60
65	38.3	131.4	77,000	46.7	138.3	74,100	51.2	141.1	72,300	65
70	31.1	124.2	69,600	40.8	133.0	67,400	45.7	136.7	65,800	70
72	27.4	120.2	66,000	38.1	130.4	65,200	43.3	134.5	63,600	72
75	21.9	114.1	60,700	34.0	126.5	61,800	39.7	131.3	60,300	75
80	2.0	90.4	41,600	25.8	117.8	56,900	32.7	124.4	55,600	80
83				18.5	109.4	54,400	27.6	118.9	53,100	83
85				13.7	103.9	52,700	24.1	115.2	51,500	85
86				9.6	99.0	50,900	21.3	111.9	50,700	86
90							10.2	99.0	47,700	90
91							3.2	90.5	47,000	91
94										94
95										95
97										97
100										100
104										104
105										105
110										110
115										115
116										116

MLC250 S-1

ASME B30.5



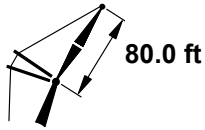
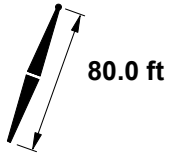
149,600 lb
+
0 lb



	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
27													27
30													30
35													35
40													40
45													45
48													48
50													50
55													55
60	62.7	147.1	76,700 b										60
65	58.0	144.2	69,300 b										65
70	53.0	140.8	63,100										70
72	50.9	139.1	61,000	57.6	141.7	58,300 b							72
75	47.7	136.6	57,800	54.6	139.7	55,400 b							75
80	41.9	131.6	53,300	49.4	135.8	51,000							80
83	37.9	127.8	50,900	46.1	132.9	48,800	53.0	135.6	46,600				83
85	35.3	125.3	49,400	43.8	131.0	47,300	50.9	134.1	45,200				85
86	33.7	123.7	48,700	42.5	129.9	46,600	49.8	133.2	44,600				86
90	27.5	117.1	45,900	37.5	125.2	44,000	45.4	129.6	42,000				90
91	25.3	114.7	45,300	36.0	123.7	43,400	44.2	128.5	41,500				91
94	18.7	107.2	43,400	31.6	119.3	41,600	40.5	125.2	39,800	47.8	128.2	38,000	94
95	16.5	104.7	42,800	30.2	117.8	41,000	39.3	124.1	39,200	46.7	127.2	37,500	95
97	9.1	95.9	41,600	26.3	113.5	40,000	36.5	121.3	38,200	44.3	125.1	36,500	97
100				20.6	107.2	38,400	32.3	117.2	36,700	40.7	122.0	35,100	100
104				6.7	90.7	36,300	25.3	109.6	34,900	35.3	116.8	33,400	104
105							23.6	107.8	34,400	34.0	115.5	32,900	105
110							8.9	90.6	32,300	25.8	106.7	30,900	110
115										13.6	92.7	29,100	115
116										9.4	87.8	28,700	116

MLC250 S-1

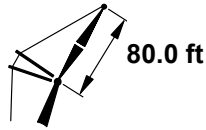
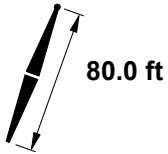
ASME B30.5



	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
30	75.6	165.5	106,900 d							30
35	71.8	164.1	105,300 c							35
40	68.0	162.2	99,700 c							40
43	65.7	160.9	96,700 c	71.0	163.0	105,100 c				43
45	64.1	160.0	94,800 b	69.5	162.3	102,900 c				45
50	60.0	157.4	90,200 b	65.6	160.2	97,900 b				50
52	58.3	156.1	88,600 b	64.0	159.2	95,300 b	67.3	160.4	95,900 b	52
55	55.8	154.2	86,200 b	61.6	157.7	91,400 b	64.9	159.0	89,100 b	55
60	51.4	150.5	82,600	57.5	154.8	81,800	60.9	156.5	79,700 b	60
65	46.6	146.2	76,900	53.1	151.3	73,900	56.7	153.5	72,000	65
70	41.5	141.0	70,100	48.5	147.2	67,300	52.3	149.9	65,600	70
75	35.7	134.8	63,700	43.5	142.4	61,700	47.7	145.7	60,100	75
77	33.0	131.6	61,500	41.3	140.1	59,700	45.6	143.7	58,200	77
80	29.0	126.9	58,200	38.0	136.6	56,900	42.6	140.7	55,400	80
85	20.5	116.0	51,300	31.8	129.4	52,700	37.0	134.7	51,300	85
89	5.6	95.7	39,100	25.6	121.9	49,700	31.8	128.7	48,500	89
90	1.8	90.6	36,000	24.1	120.0	49,000	30.6	127.2	47,800	90
95				12.8	105.0	45,600	22.5	117.2	44,600	95
96				9.0	99.8	43,800	19.9	113.8	44,000	96
100							9.6	99.8	41,600	100
101							3.0	90.7	41,000	101
105										105
107										107
110										110
114										114
115										115
120										120
125										125
126										126

MLC250 S-1

ASME B30.5



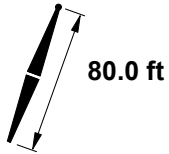
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
30													30
35													35
40													40
43													43
45													45
50													50
52													52
55													55
60													60
65	62.4	155.7	69,000 b										65
70	58.2	152.9	62,800										70
75	53.9	149.5	57,500										75
77	52.1	147.9	55,800	57.9	150.4	53,200							77
80	49.3	145.6	53,100	55.3	148.4	50,700							80
85	44.4	140.9	49,100	50.8	144.6	47,000							85
89	40.1	136.4	46,400	47.0	141.1	44,300	53.0	143.6	42,300				89
90	39.1	135.3	45,700	46.1	140.2	43,700	52.1	142.9	41,700				90
95	33.0	128.4	42,700	40.8	134.9	40,800	47.4	138.6	38,900				95
96	31.5	126.6	42,100	39.7	133.6	40,300	46.4	137.6	38,400				96
100	25.6	119.5	39,900	35.0	128.5	38,200	42.3	133.6	36,400				100
101	23.6	116.8	39,400	33.6	126.9	37,700	41.2	132.4	36,000	47.5	135.3	34,300	101
105	15.4	106.1	37,400	28.2	120.4	35,800	36.7	127.5	34,200	43.5	131.4	32,600	105
107	8.5	96.7	36,500	24.6	115.8	35,000	34.1	124.5	33,400	41.3	129.1	31,900	107
110				19.3	109.0	33,700	30.2	120.0	32,200	38.0	125.6	30,700	110
114				6.3	91.3	32,000	23.7	111.8	30,700	33.0	119.8	29,300	114
115							22.0	109.8	30,300	31.7	118.4	28,900	115
120							8.4	91.4	28,600	24.1	109.0	27,300	120
125										12.7	93.9	25,800	125
126										8.8	88.6	25,500	126

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



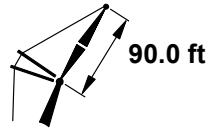
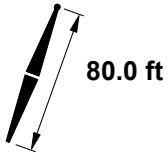
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
32	75.9	175.3	96,500 d							32
35	73.9	174.5	94,800 c							35
40	70.6	172.9	90,000 c							40
45	67.1	171.0	85,500 b							45
47	65.7	170.1	83,900 b	70.5	172.2	90,800 b				47
50	63.6	168.7	81,500 b	68.5	171.0	88,300 b				50
55	60.0	166.0	77,800 b	65.0	168.9	84,200 b	67.9	170.0	87,500 b	55
60	56.3	162.9	74,400	61.5	166.4	80,400	64.4	167.7	79,500 b	60
65	52.4	159.3	71,300	57.8	163.4	73,700	60.8	165.2	71,800	65
69	49.0	156.0	69,100	54.7	160.7	68,500	57.8	162.7	66,700	69
70	48.2	155.2	68,500	53.9	160.0	67,100	57.1	162.1	65,400	70
75	43.8	150.4	64,000	49.9	156.1	61,600	53.2	158.7	60,000	75
80	39.0	144.7	58,500	45.6	151.6	56,800	49.1	154.6	55,300	80
83	35.8	140.6	55,700	42.8	148.4	54,300	46.5	151.8	52,900	83
85	33.6	137.9	53,800	40.9	146.3	52,600	44.8	150.0	51,200	85
90	27.3	129.4	49,700	35.8	139.9	48,900	40.1	144.5	47,700	90
95	19.3	117.8	44,200	29.9	132.2	45,700	34.8	138.0	44,500	95
100	1.7	90.8	31,600	22.7	122.1	42,800	28.8	129.9	41,700	100
105				12.1	106.1	40,100	21.2	119.2	39,200	105
106				8.5	100.6	38,200	18.8	115.5	38,700	106
108							13.9	108.1	37,700	108
110							9.0	100.7	36,800	110
111							2.8	91.0	36,100	111
115										115
117										117
120										120
124										124
125										125
130										130
135										135
136										136

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



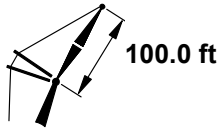
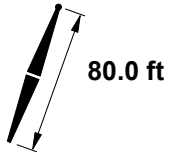
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
32													32
35													35
40													40
45													45
47													47
50													50
55													55
60													60
65													65
69	62.8	164.9	63,700										69
70	62.1	164.4	62,600										70
75	58.4	161.6	57,400										75
80	54.6	158.3	52,900										80
83	52.2	156.0	50,600	57.4	158.4	48,200							83
85	50.6	154.4	49,000	55.9	157.1	46,800							85
90	46.4	150.0	45,600	51.9	153.4	43,500							90
95	41.8	144.8	42,600	47.7	149.2	40,600	53.0	151.6	38,700				95
100	36.7	138.7	39,900	43.3	144.3	38,100	48.9	147.6	36,300				100
105	31.0	131.3	37,500	38.4	138.5	35,800	44.5	142.9	34,100				105
106	29.7	129.4	37,000	37.3	137.1	35,300	43.6	141.8	33,700				106
108	26.9	125.5	36,100	35.1	134.3	34,500	41.7	139.5	32,900	47.3	142.5	31,300	108
110	24.2	121.7	35,300	33.0	131.5	33,700	39.8	137.3	32,100	45.5	140.6	30,500	110
111	22.2	118.9	34,900	31.7	129.8	33,300	38.7	136.0	31,700	44.6	139.5	30,200	111
115	14.5	107.5	33,200	26.5	122.8	31,700	34.5	130.7	30,300	40.9	135.2	28,800	115
117	8.0	97.4	32,400	23.2	117.9	31,000	32.1	127.5	29,600	38.8	132.7	28,200	117
120				18.2	110.6	30,000	28.4	122.6	28,600	35.7	128.9	27,200	120
124				5.9	91.8	28,600	22.3	113.8	27,400	31.0	122.7	26,000	124
125							20.8	111.7	27,000	29.9	121.2	25,800	125
130							7.9	92.1	25,600	22.7	111.0	24,400	130
135										11.9	95.0	23,100	135
136										8.3	89.4	22,800	136

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



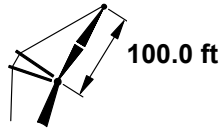
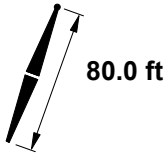
	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
35	75.6	184.9	86,500 c							35
40	72.6	183.5	82,100 c							40
45	69.5	181.7	78,000 b							45
50	66.5	179.7	74,200 b	70.7	181.7	80,200 b				50
55	63.3	177.4	70,600 b	67.7	179.8	76,500 b				55
59	60.7	175.2	68,000 b	65.1	178.0	73,600 b	67.7	179.1	76,600 b	59
60	60.0	174.7	67,400	64.5	177.6	72,900	67.1	178.7	75,900	60
65	56.7	171.6	64,400	61.3	175.0	69,600	64.0	176.4	71,600	65
70	53.2	168.1	61,600	58.0	172.1	66,500	60.7	173.8	65,100	70
74	50.2	164.9	59,500	55.2	169.4	62,400	58.1	171.4	60,800	74
75	49.5	164.1	59,000	54.5	168.8	61,300	57.4	170.8	59,700	75
80	45.6	159.5	56,700	50.9	165.0	56,500	53.9	167.4	55,000	80
85	41.4	154.2	54,400	47.1	160.6	52,400	50.3	163.5	51,000	85
88	38.7	150.6	51,900	44.7	157.6	50,200	48.0	160.8	48,900	88
90	36.9	148.1	50,200	43.1	155.6	48,700	46.5	159.1	47,400	90
95	31.8	140.8	46,500	38.7	149.9	45,500	42.4	154.0	44,300	95
100	25.9	131.7	43,200	33.9	143.1	42,600	37.9	148.0	41,500	100
101	24.4	129.3	42,300	32.8	141.4	42,100	36.9	146.6	41,000	101
105	18.3	119.4	38,600	28.3	134.8	40,100	33.0	141.0	39,000	105
110	1.6	90.9	27,900	21.5	124.0	37,700	27.3	132.4	36,700	110
114				13.5	110.5	36,000	21.6	123.3	35,100	114
115				11.4	107.1	35,500	20.1	121.0	34,600	115
116				8.0	101.3	33,700	17.8	117.1	34,200	116
120							8.5	101.4	32,700	120
121							2.7	91.2	32,000	121
125										125
127										127
130										130
134										134
135										135
140										140
145										145
146										146

MLC250 S-1

ASME B30.5



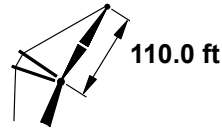
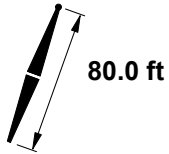
149,600 lb
+
0 lb



	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
35													35
40													40
45													45
50													50
55													55
59													59
60													60
65													65
70													70
74	62.5	173.6	58,000										74
75	61.9	173.1	57,000										75
80	58.6	170.2	52,600										80
85	55.2	167.0	48,700										85
88	53.0	164.7	46,700	57.6	167.1	44,400							88
90	51.6	163.2	45,300	56.3	165.8	43,200							90
95	47.8	159.0	42,300	52.8	162.2	40,300							95
100	43.9	154.2	39,600	49.1	158.1	37,800							100
101	43.0	153.0	39,100	48.3	157.2	37,300	53.0	159.6	35,500				101
105	39.5	148.5	37,200	45.2	153.5	35,500	50.1	156.5	33,700				105
110	34.8	141.9	35,000	41.0	148.1	33,400	46.3	152.0	31,800				110
114	30.5	135.6	33,500	37.3	143.1	31,900	43.0	147.9	30,300	47.9	150.5	28,800	114
115	29.4	134.0	33,100	36.4	141.9	31,500	42.1	146.8	30,000	47.1	149.6	28,500	115
116	28.1	131.9	32,700	35.3	140.4	31,200	41.2	145.6	29,600	46.3	148.6	28,100	116
120	22.9	123.8	31,300	31.2	134.4	29,800	37.7	140.9	28,300	43.1	144.6	26,900	120
121	21.1	120.8	30,900	30.0	132.5	29,500	36.7	139.4	28,000	42.2	143.5	26,600	121
125	13.8	108.7	29,600	25.1	125.1	28,200	32.7	133.8	26,800	38.7	138.9	25,500	125
127	7.6	98.1	28,900	22.0	119.9	27,600	30.4	130.3	26,300	36.8	136.1	24,900	127
130				17.2	112.2	26,700	26.9	125.0	25,400	33.9	132.0	24,100	130
134				5.6	92.3	25,500	21.1	115.8	24,400	29.4	125.4	23,100	134
135							19.7	113.4	24,100	28.3	123.7	22,900	135
140							7.5	92.7	22,800	21.5	113.0	21,700	140
145										11.3	96.0	20,600	145
146										7.9	90.1	20,400	146

MLC250 S-1

ASME B30.5



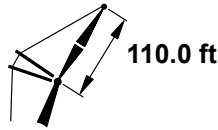
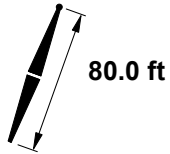
	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
37	75.8	194.7	78,500 c							37
40	74.2	193.9	76,500 c							40
45	71.5	192.4	73,300 b							45
50	68.7	190.5	70,200 b							50
53	67.0	189.3	68,500 b	70.9	191.3	73,200 b				53
55	65.9	188.5	67,300 b	69.8	190.5	72,000 b				55
60	63.0	186.1	64,600	67.0	188.6	69,200				60
63	61.2	184.4	63,100	65.3	187.2	67,600	67.6	188.3	69,700	63
65	60.0	183.3	62,000	64.1	186.3	66,600	66.5	187.4	68,800	65
70	57.0	180.3	59,500	61.2	183.7	63,900	63.6	185.1	65,100	70
75	53.8	176.8	57,000	58.2	180.8	61,300	60.7	182.5	59,600	75
78	51.8	174.5	55,700	56.3	178.8	58,400	58.8	180.7	56,900	78
80	50.5	172.9	54,800	55.1	177.5	56,500	57.6	179.5	55,000	80
85	47.0	168.6	52,700	51.8	173.8	52,400	54.5	176.1	51,000	85
90	43.4	163.6	50,300	48.4	169.6	48,700	51.2	172.3	47,400	90
93	41.0	160.2	48,100	46.3	166.7	46,800	49.2	169.8	45,500	93
95	39.4	157.9	46,700	44.8	164.9	45,500	47.8	168.1	44,300	95
100	35.1	151.4	43,400	41.0	159.5	42,700	44.2	163.2	41,500	100
105	30.3	143.6	40,500	36.9	153.3	40,100	40.3	157.7	39,000	105
107	28.1	139.7	39,400	35.0	150.4	39,200	38.6	155.2	38,100	107
110	24.7	134.0	37,800	32.3	146.0	37,800	36.1	151.4	36,800	110
115	17.4	121.0	32,000	27.0	137.2	35,700	31.4	143.9	34,700	115
120	1.6	91.0	23,200	20.5	125.9	33,700	26.0	134.8	32,800	120
121				18.6	122.3	33,000	24.6	132.3	32,500	121
125				10.9	108.1	30,000	19.2	122.7	31,100	125
126				7.7	102.0	28,200	17.0	118.6	30,800	126
130							8.1	102.2	29,500	130
131							2.5	91.4	26,800	131
135										135
137										137
140										140
144										144
145										145
150										150
155										155
156										156

MLC250 S-1

ASME B30.5



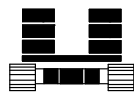
149,600 lb
+
0 lb



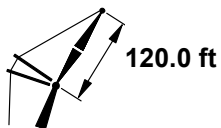
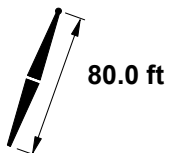
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
37													37
40													40
45													45
50													50
53													53
55													55
60													60
63													63
65													65
70													70
75													75
78	62.9	182.8	54,200										78
80	61.7	181.7	52,500										80
85	58.7	178.9	48,700										85
90	55.6	175.7	45,300										90
93	53.7	173.5	43,500	57.9	175.7	41,400							93
95	52.4	172.0	42,300	56.6	174.4	40,300							95
100	49.0	167.9	39,600	53.4	170.9	37,700							100
105	45.5	163.3	37,200	50.1	167.0	35,400							105
107	44.0	161.2	36,400	48.7	165.2	34,600	53.0	167.6	32,900				107
110	41.7	158.1	35,100	46.6	162.6	33,400	51.1	165.3	31,700				110
115	37.6	152.0	33,100	42.9	157.5	31,500	47.6	161.0	29,900				115
120	33.1	145.0	31,300	39.0	151.8	29,800	44.0	156.1	28,300				120
121	32.1	143.3	31,000	38.1	150.4	29,500	43.2	155.0	28,000	47.7	157.7	26,600	121
125	28.0	136.5	29,700	34.6	145.1	28,200	40.1	150.6	26,800	44.8	153.9	25,500	125
126	26.8	134.4	29,400	33.6	143.5	27,900	39.2	149.3	26,500	44.0	152.8	25,200	126
130	21.8	125.8	28,200	29.7	137.1	26,800	35.9	144.2	25,400	41.0	148.5	24,100	130
131	20.1	122.6	27,900	28.6	135.2	26,500	34.9	142.7	25,200	40.1	147.2	23,900	131
135	13.1	109.9	26,700	24.0	127.3	25,500	31.1	136.6	24,200	36.8	142.3	22,900	135
137	7.3	98.8	26,100	20.9	121.8	24,900	28.9	132.9	23,700	35.0	139.4	22,500	137
140				16.4	113.7	24,200	25.7	127.4	23,000	32.2	135.0	21,800	140
144				5.3	92.8	23,200	20.1	117.6	22,100	28.0	128.0	21,000	144
145							18.8	115.1	21,900	27.0	126.2	20,800	145
150							7.1	93.4	20,800	20.5	114.8	19,800	150
155										10.8	97.0	18,800	155
156										7.5	90.8	18,600	156

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ASME B30.5



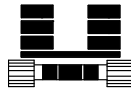
149,600 lb
+
0 lb



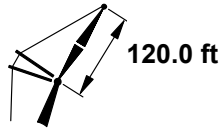
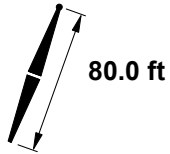
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
39	76.0	204.5	71,700 c							39
40	75.5	204.3	71,100 c							40
45	73.1	202.9	68,000 b							45
50	70.6	201.2	65,000 b							50
55	68.0	199.3	62,200 b							55
56	67.5	198.9	61,700 b	71.0	200.8	66,000				56
60	65.4	197.2	59,600	69.0	199.3	63,800				60
65	62.7	194.7	57,100	66.4	197.3	61,200				65
66	62.2	194.2	56,700	65.9	196.8	60,700	68.0	197.9	62,700	66
70	60.0	192.0	54,800	63.8	195.0	58,800	66.0	196.2	60,800	70
75	57.2	189.0	52,500	61.1	192.4	56,400	63.3	193.8	58,400	75
80	54.3	185.6	50,400	58.3	189.4	54,200	60.6	191.1	54,700	80
83	52.5	183.3	49,200	56.6	187.5	52,800	58.9	189.3	52,300	83
85	51.3	181.8	48,400	55.5	186.2	51,900	57.8	188.2	50,700	85
90	48.2	177.5	46,400	52.5	182.5	48,500	55.0	184.8	47,200	90
95	44.9	172.8	44,600	49.5	178.5	45,300	52.0	181.1	44,000	95
98	42.8	169.6	43,500	47.5	175.8	43,600	50.1	178.7	42,400	98
100	41.4	167.5	42,800	46.2	174.0	42,400	48.9	177.0	41,300	100
105	37.7	161.4	40,500	42.8	168.9	39,900	45.6	172.4	38,800	105
110	33.6	154.5	37,900	39.2	163.1	37,600	42.2	167.2	36,500	110
113	30.8	149.5	36,400	36.8	159.2	36,300	40.0	163.7	35,300	113
115	29.0	146.2	35,500	35.2	156.5	35,500	38.5	161.3	34,500	115
120	23.6	136.1	33,300	30.9	148.9	33,600	34.5	154.6	32,600	120
125	16.7	122.5	28,200	25.8	139.6	31,800	30.0	146.6	30,900	125
128	7.6	103.7	23,600	22.1	132.4	30,800	26.9	140.9	30,000	128
130	1.5	91.2	20,500	19.6	127.7	30,200	24.9	137.0	29,400	130
135				10.4	109.0	26,600	18.4	124.4	27,900	135
136				7.3	102.6	25,000	16.2	120.1	27,600	136
140							7.8	102.8	26,400	140
141							2.4	91.7	23,900	141
145										145
147										147
150										150
154										154
155										155
160										160
165										165
166										166

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



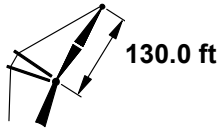
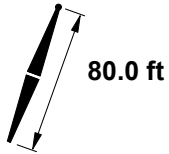
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
39													39
40													40
45													45
50													50
55													55
56													56
60													60
65													65
66													66
70													70
75													75
80													80
83	62.7	191.5	49,800										83
85	61.6	190.4	48,300										85
90	58.8	187.5	45,000										90
95	56.0	184.4	42,000										95
98	54.2	182.2	40,400	58.0	184.4	38,400							98
100	53.1	180.8	39,300	56.9	183.1	37,400							100
105	50.0	176.8	36,900	54.0	179.7	35,100							105
110	46.8	172.4	34,800	51.0	175.8	33,100							110
113	44.8	169.4	33,600	49.1	173.3	31,900	53.0	175.6	30,300				113
115	43.5	167.4	32,800	47.9	171.6	31,200	51.8	174.1	29,600				115
120	39.9	161.8	31,100	44.5	166.8	29,500	48.7	169.9	28,000				120
125	36.0	155.4	29,400	41.0	161.4	28,000	45.5	165.3	26,500				125
128	33.4	150.9	28,500	38.8	157.7	27,100	43.4	162.1	25,700	47.5	164.8	24,300	128
130	31.7	147.9	27,900	37.3	155.2	26,500	42.0	160.1	25,100	46.2	163.0	23,800	130
135	26.8	139.0	26,500	33.1	148.1	25,200	38.3	154.1	23,900	42.8	157.9	22,600	135
136	25.6	136.7	26,300	32.2	146.4	25,000	37.5	152.8	23,600	42.1	156.7	22,400	136
140	20.9	127.6	25,300	28.4	139.7	24,000	34.3	147.3	22,700	39.2	152.1	21,500	140
141	19.2	124.3	25,000	27.3	137.7	23,700	33.4	145.7	22,500	38.4	150.8	21,300	141
145	12.6	111.0	24,000	22.9	129.3	22,800	29.8	139.3	21,600	35.2	145.5	20,500	145
147	6.9	99.4	23,500	20.0	123.6	22,400	27.7	135.4	21,200	33.4	142.4	20,100	147
150				15.7	115.1	21,700	24.6	129.6	20,600	30.8	137.8	19,500	150
154				5.1	93.3	20,900	19.3	119.3	19,800	26.8	130.4	18,800	154
155							18.0	116.7	19,600	25.8	128.5	18,600	155
160							6.8	94.0	18,700	19.6	116.6	17,700	160
165										10.3	97.9	16,900	165
166										7.2	91.4	16,700	166

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



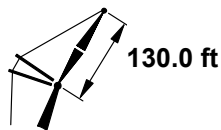
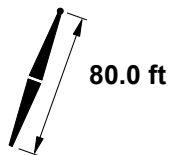
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
42	75.8	214.1	53,600 b							42
45	74.4	213.3	52,800 b							45
50	72.1	211.8	51,700 b							50
55	69.8	210.0	50,600							55
60	67.4	208.1	49,500	70.7	210.0	51,600				60
65	65.0	205.9	48,500	68.3	208.1	50,700				65
70	62.5	203.4	47,100	65.9	206.0	49,800	67.9	207.0	50,400	70
75	60.0	200.7	45,200	63.5	203.7	48,300	65.5	204.9	49,700	75
80	57.4	197.6	43,300	61.0	201.0	46,300	63.1	202.5	47,900	80
85	54.8	194.3	41,500	58.5	198.1	44,400	60.6	199.8	46,100	85
87	53.7	192.8	40,900	57.4	196.8	43,700	59.5	198.6	45,300	87
90	52.0	190.6	39,900	55.8	194.9	42,700	58.0	196.8	44,200	90
95	49.2	186.5	38,300	53.1	191.3	41,000	55.4	193.5	42,500	95
100	46.2	181.9	36,800	50.3	187.4	39,300	52.6	189.9	40,800	100
104	43.7	177.9	35,700	48.0	183.9	38,100	50.4	186.7	39,000	104
105	43.1	176.8	35,400	47.4	183.0	37,800	49.8	185.9	38,600	105
110	39.7	171.2	34,100	44.3	178.1	36,400	46.9	181.4	36,300	110
115	36.2	164.8	32,900	41.1	172.7	35,000	43.8	176.5	34,300	115
120	32.2	157.4	31,700	37.6	166.6	33,400	40.5	171.0	32,500	120
125	27.8	148.8	30,700	33.8	159.7	31,700	37.0	164.7	30,800	125
130	22.7	138.2	29,700	29.6	151.6	30,100	33.1	157.6	29,200	130
134	17.3	126.8	26,100	25.8	143.8	28,900	29.7	150.9	28,100	134
135	16.0	123.9	25,200	24.8	141.8	28,600	28.8	149.3	27,800	135
140	1.4	91.3	18,400	18.9	129.3	27,200	23.9	139.2	26,400	140
145				10.0	109.9	23,900	17.6	126.0	25,200	145
146				7.1	103.3	22,400	15.6	121.5	24,900	146
150							7.5	103.5	23,800	150
151							2.3	91.9	21,500	151
155										155
157										157
160										160
164										164
165										165
170										170
175										175
176										176

MLC250 S-1

ASME B30.5



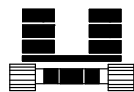
149,600 lb
+
0 lb



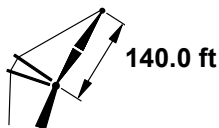
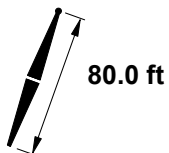
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
42													42
45													45
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
87	63.0	200.7	46,700										87
90	61.5	199.1	44,700										90
95	58.9	196.2	41,700										95
100	56.3	193.0	39,100										100
104	54.1	190.2	37,200	57.7	192.4	35,300							104
105	53.6	189.5	36,700	57.2	191.8	34,900							105
110	50.8	185.7	34,600	54.5	188.4	32,800							110
115	47.9	181.4	32,600	51.7	184.7	31,000							115
120	44.9	176.6	30,900	48.9	180.5	29,300	52.5	182.9	27,800				120
125	41.7	171.3	29,300	45.9	175.9	27,800	49.7	178.8	26,300				125
130	38.2	165.3	27,800	42.7	170.8	26,300	46.7	174.4	24,900				130
134	35.3	159.9	26,700	40.0	166.2	25,300	44.2	170.4	23,900	48.0	172.9	22,600	134
135	34.5	158.5	26,400	39.4	165.0	25,000	43.6	169.4	23,700	47.4	172.0	22,400	135
140	30.4	150.7	25,100	35.7	158.5	23,800	40.3	163.8	22,500	44.3	167.1	21,300	140
145	25.7	141.3	23,900	31.8	151.0	22,700	36.8	157.5	21,400	41.0	161.7	20,300	145
146	24.6	138.9	23,700	30.9	149.3	22,500	36.0	156.1	21,200	40.3	160.5	20,100	146
150	20.1	129.4	22,800	27.3	142.2	21,600	32.9	150.4	20,400	37.6	155.6	19,300	150
151	18.5	126.0	22,600	26.2	140.0	21,400	32.0	148.7	20,300	36.8	154.2	19,100	151
155	12.1	112.1	21,800	22.0	131.3	20,600	28.6	141.9	19,500	33.8	148.6	18,400	155
157	6.7	100.0	21,300	19.2	125.4	20,300	26.6	137.9	19,100	32.1	145.4	18,100	157
160				15.1	116.4	19,700	23.6	131.7	18,600	29.6	140.5	17,600	160
164				4.9	93.7	18,900	18.5	121.0	17,900	25.7	132.7	16,900	164
165							17.3	118.3	17,800	24.8	130.8	16,800	165
170							6.6	94.6	16,900	18.8	118.3	16,000	170
175										9.9	98.8	15,300	175
176										6.9	92.0	15,100	176

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



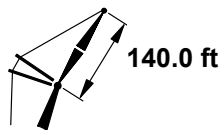
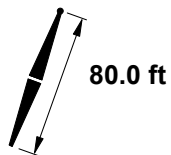
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
44	76.0	223.9	49,800 b							44
45	75.5	223.6	49,600 b							45
50	73.4	222.2	48,500 b							50
55	71.3	220.6	47,500							55
60	69.1	218.8	46,600							60
63	67.8	217.6	45,700	70.8	219.5	47,800				63
65	66.9	216.8	45,200	69.9	218.8	47,500				65
70	64.6	214.6	43,300	67.8	216.9	46,200				70
74	62.8	212.6	41,800	66.0	215.2	44,700	67.8	216.2	46,100	74
75	62.4	212.1	41,400	65.5	214.7	44,300	67.4	215.8	45,700	75
80	60.0	209.3	39,600	63.3	212.3	42,500	65.1	213.6	43,900	80
85	57.6	206.3	38,000	60.9	209.7	40,700	62.9	211.2	42,100	85
90	55.2	203.0	36,300	58.6	206.8	39,000	60.5	208.5	40,400	90
92	54.2	201.5	35,700	57.6	205.5	38,300	59.6	207.3	39,800	92
95	52.6	199.3	34,800	56.1	203.6	37,300	58.1	205.5	38,800	95
100	50.0	195.3	33,300	53.6	200.0	35,700	55.7	202.2	37,100	100
105	47.3	190.9	31,900	51.1	196.2	34,200	53.2	198.7	35,600	105
109	45.0	187.1	30,800	48.9	192.8	33,100	51.1	195.5	34,400	109
110	44.4	186.1	30,600	48.4	191.9	32,800	50.6	194.7	34,100	110
115	41.4	180.7	29,300	45.6	187.3	31,400	47.9	190.4	32,700	115
120	38.2	174.7	28,100	42.6	182.1	30,200	45.1	185.7	31,400	120
125	34.8	168.0	27,000	39.5	176.4	28,900	42.1	180.4	30,000	125
126	34.0	166.4	26,800	38.8	175.1	28,700	41.5	179.3	29,800	126
130	31.0	160.2	26,000	36.2	169.9	27,700	38.9	174.6	28,800	130
135	26.8	151.2	25,100	32.5	162.6	26,700	35.6	168.0	27,500	135
140	21.8	140.1	24,200	28.5	154.2	25,700	31.9	160.5	26,200	140
141	20.5	137.2	23,900	27.6	152.1	25,500	31.0	158.8	26,000	141
145	15.4	125.3	22,400	23.9	144.0	24,800	27.8	151.8	25,000	145
150	1.4	91.4	16,300	18.2	131.0	24,000	23.0	141.2	23,800	150
155				9.7	110.8	21,200	17.0	127.5	22,700	155
156				6.8	103.9	20,000	15.0	122.8	22,400	156
160							7.2	104.2	21,200	160
161							2.3	92.1	19,200	161
165										165
167										167
170										170
174										174
175										175
180										180
185										185
186										186

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



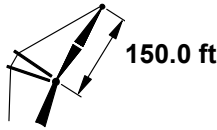
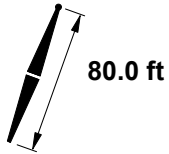
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
44													44
45													45
50													50
55													55
60													60
63													63
65													65
70													70
74													74
75													75
80													80
85													85
90													90
92	62.7	209.3	41,700										92
95	61.4	207.7	40,700										95
100	59.0	204.9	38,800										100
105	56.6	201.7	36,400										105
109	54.6	199.0	34,700	57.8	201.1	32,900							109
110	54.1	198.3	34,300	57.4	200.5	32,500							110
115	51.5	194.5	32,300	54.9	197.1	30,700							115
120	48.9	190.3	30,600	52.4	193.4	29,000							120
125	46.1	185.7	29,000	49.7	189.4	27,400							125
126	45.5	184.7	28,700	49.2	188.5	27,200	52.5	190.9	25,700				126
130	43.2	180.6	27,500	47.0	184.9	26,000	50.5	187.7	24,600				130
135	40.1	175.0	26,100	44.1	180.0	24,700	47.7	183.4	23,400				135
140	36.8	168.7	24,900	41.1	174.6	23,500	44.9	178.6	22,200				140
141	36.1	167.3	24,600	40.4	173.4	23,300	44.3	177.5	22,000	47.8	180.0	20,700	141
145	33.2	161.6	23,700	37.9	168.5	22,400	41.9	173.3	21,100	45.5	176.3	19,900	145
150	29.3	153.3	22,600	34.4	161.7	21,300	38.8	167.4	20,100	42.6	171.1	19,000	150
155	24.8	143.5	21,600	30.6	153.8	20,400	35.4	160.8	19,200	39.5	165.4	18,100	155
156	23.7	141.1	21,400	29.7	152.0	20,200	34.6	159.3	19,000	38.8	164.1	17,900	156
160	19.3	131.2	20,600	26.3	144.6	19,500	31.7	153.2	18,300	36.2	158.9	17,200	160
161	17.8	127.6	20,400	25.3	142.3	19,300	30.8	151.5	18,200	35.4	157.5	17,100	161
165	11.6	113.1	19,700	21.2	133.2	18,600	27.5	144.4	17,500	32.5	151.6	16,500	165
167	6.4	100.5	19,300	18.5	127.0	18,300	25.6	140.2	17,200	30.9	148.2	16,200	167
170				14.5	117.7	17,800	22.7	133.8	16,700	28.5	143.1	15,700	170
174				4.7	94.1	17,100	17.8	122.6	16,100	24.8	135.0	15,200	174
175							16.6	119.8	16,000	23.8	132.9	15,000	175
180							6.3	95.1	15,200	18.1	119.9	14,400	180
185										9.6	99.6	13,700	185
186										6.7	92.6	13,600	186

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



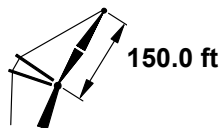
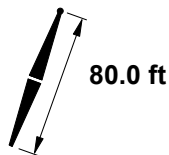
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
47	75.7	233.4	46,100 b						47	
50	74.6	232.6	45,500 b						50	
55	72.6	231.2	44,600						55	
60	70.6	229.5	43,600						60	
65	68.5	227.6	41,700						65	
66	68.1	227.2	41,400	70.9	229.1	44,100			66	
70	66.4	225.6	40,000	69.3	227.6	42,600			70	
75	64.3	223.3	38,200	67.3	225.6	40,900			75	
78	63.1	221.7	37,200	66.0	224.3	39,900	67.7	225.4	41,100	
80	62.2	220.7	36,500	65.2	223.4	39,200	66.9	224.5	40,400	
85	60.0	218.0	34,900	63.0	221.0	37,400	64.8	222.3	38,800	
90	57.8	215.0	33,300	60.9	218.3	35,800	62.7	219.8	37,200	
95	55.5	211.7	31,800	58.7	215.4	34,300	60.5	217.1	35,600	
96	55.0	211.0	31,500	58.2	214.8	34,000	60.0	216.5	35,300	
100	53.2	208.1	30,400	56.4	212.2	32,700	58.3	214.2	34,000	
105	50.7	204.2	29,100	54.1	208.8	31,300	56.0	210.9	32,500	
110	48.2	199.9	27,700	51.7	205.0	29,900	53.7	207.4	31,100	
114	46.1	196.2	26,800	49.7	201.7	28,800	51.7	204.3	30,000	
115	45.6	195.2	26,600	49.2	200.9	28,500	51.3	203.6	29,700	
120	42.9	190.1	25,400	46.6	196.3	27,200	48.8	199.4	28,400	
125	40.0	184.4	24,300	43.9	191.4	26,100	46.2	194.8	27,200	
130	36.9	178.1	23,200	41.1	185.9	24,900	43.5	189.7	25,900	
132	35.6	175.3	22,800	39.9	183.5	24,500	42.3	187.5	25,500	
135	33.6	171.0	22,200	38.1	179.9	23,800	40.6	184.2	24,800	
140	30.0	163.0	21,300	34.9	173.1	22,800	37.6	178.0	23,700	
145	25.9	153.5	20,400	31.4	165.5	21,900	34.3	171.1	22,800	
148	23.0	146.6	20,000	29.1	160.2	21,300	32.2	166.4	22,200	
150	21.1	142.0	19,700	27.5	156.6	21,000	30.8	163.3	21,800	
155	14.9	126.6	19,100	23.1	146.1	20,200	26.8	154.2	20,900	
160	1.3	91.5	14,600	17.6	132.6	19,400	22.2	143.2	20,100	
165				9.3	111.6	18,900	16.4	128.9	19,400	
166				6.6	104.5	18,000	14.5	124.1	19,300	
170							7.0	104.8	19,000	
171							2.2	92.3	17,300	
175									175	
177									177	
180									180	
184									184	
185									185	
190									190	
195									195	
196									196	

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



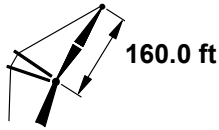
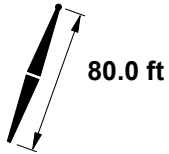
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
47													47
50													50
55													55
60													60
65													65
66													66
70													70
75													75
78													78
80													80
85													85
90													90
95													95
96	63.0	218.5	37,000										96
100	61.3	216.4	35,800										100
105	59.1	213.5	34,400										105
110	56.8	210.4	32,900										110
114	55.0	207.7	31,800	58.0	209.8	30,900							114
115	54.5	207.0	31,500	57.5	209.1	30,600							115
120	52.1	203.3	30,200	55.2	205.8	28,900							120
125	49.7	199.2	28,900	52.9	202.2	27,300							125
130	47.1	194.7	27,400	50.4	198.2	25,900							130
132	46.0	192.8	26,900	49.4	196.5	25,400	52.6	198.9	24,000				132
135	44.4	189.9	26,000	47.9	193.9	24,600	51.1	196.5	23,300				135
140	41.6	184.5	24,800	45.3	189.2	23,400	48.6	192.3	22,100				140
145	38.7	178.6	23,600	42.5	184.0	22,300	46.0	187.7	21,100				145
148	36.8	174.6	23,000	40.8	180.6	21,700	44.4	184.6	20,500	47.7	187.2	19,300	148
150	35.5	172.0	22,500	39.6	178.3	21,300	43.3	182.6	20,100	46.6	185.3	18,900	150
155	32.1	164.5	21,500	36.5	171.9	20,300	40.5	177.1	19,100	43.9	180.4	18,000	155
160	28.3	155.9	20,600	33.2	164.7	19,400	37.4	170.9	18,300	41.1	174.9	17,200	160
165	23.9	145.7	19,700	29.5	156.5	18,600	34.1	163.9	17,500	38.1	168.9	16,400	165
166	22.9	143.1	19,500	28.7	154.6	18,400	33.4	162.3	17,300	37.4	167.5	16,300	166
170	18.7	132.9	18,800	25.4	146.9	17,800	30.6	156.0	16,700	34.9	162.1	15,700	170
171	17.2	129.1	18,700	24.4	144.5	17,600	29.8	154.2	16,600	34.2	160.6	15,500	171
175	11.2	114.1	18,000	20.5	135.1	17,000	26.6	146.8	16,000	31.4	154.5	15,000	175
177	6.2	101.1	17,700	17.9	128.6	16,700	24.7	142.4	15,700	29.8	150.9	14,700	177
180				14.0	119.0	16,300	21.9	135.7	15,300	27.5	145.6	14,300	180
184				4.6	94.5	15,600	17.2	124.1	14,800	23.9	137.1	13,800	184
185							16.1	121.2	14,600	23.0	135.0	13,700	185
190							6.1	95.7	14,000	17.5	121.5	13,100	190
195										9.3	100.4	12,500	195
196										6.5	93.2	12,400	196

MLC250 S-1

ASME B30.5



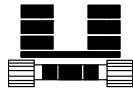
149,600 lb
+
0 lb



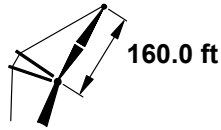
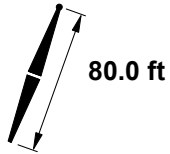
ft	88°			83°			80°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
49	75.9	243.2	42,700 b							49
50	75.5	243.0	42,500 b							50
55	73.7	241.6	41,600							55
60	71.8	240.1	40,000							60
65	69.9	238.3	38,300							65
69	68.4	236.8	36,900	71.0	238.6	39,400				69
70	68.0	236.4	36,600	70.7	238.3	39,000				70
75	66.1	234.3	34,900	68.7	236.4	37,300				75
80	64.1	232.0	33,200	66.8	234.4	35,700				80
81	63.7	231.4	32,900	66.4	233.9	35,400	68.0	234.9	36,500	81
85	62.1	229.4	31,700	64.8	232.1	34,100	66.5	233.3	35,300	85
90	60.0	226.6	30,200	62.9	229.7	32,500	64.5	231.0	33,700	90
95	57.9	223.6	28,800	60.8	227.0	31,000	62.5	228.5	32,200	95
100	55.8	220.4	27,300	58.7	224.1	29,500	60.5	225.8	30,700	100
101	55.4	219.7	27,100	58.3	223.5	29,200	60.0	225.2	30,400	101
105	53.6	216.8	26,100	56.6	220.9	28,100	58.4	222.8	29,300	105
110	51.3	213.0	24,800	54.5	217.5	26,800	56.3	219.6	27,900	110
115	49.0	208.8	23,500	52.2	213.8	25,500	54.1	216.1	26,600	115
120	46.6	204.3	22,400	49.9	209.7	24,200	51.8	212.4	25,300	120
125	44.1	199.3	21,300	47.5	205.4	23,000	49.5	208.3	24,100	125
130	41.4	193.9	20,300	45.1	200.6	21,900	47.1	203.8	22,900	130
135	38.7	188.0	19,300	42.5	195.4	20,900	44.6	199.0	21,800	135
138	36.9	184.0	18,800	40.8	191.9	20,200	43.1	195.8	21,200	138
140	35.7	181.4	18,400	39.8	189.6	19,800	42.0	193.7	20,800	140
145	32.5	174.0	17,500	36.9	183.3	18,900	39.3	187.8	19,800	145
150	29.0	165.6	16,600	33.8	176.2	18,000	36.3	181.4	18,800	150
154	25.8	157.7	16,000	31.1	169.8	17,300	33.8	175.6	18,100	154
155	25.0	155.8	15,900	30.4	168.3	17,100	33.2	174.2	17,900	155
160	20.4	143.8	15,200	26.6	159.1	16,300	29.8	166.0	17,100	160
165	14.4	127.9	14,200	22.3	148.1	15,600	25.9	156.5	16,200	165
170	1.3	91.7	12,900	17.0	134.1	14,600	21.5	145.2	15,500	170
175				9.0	112.4	13,800	15.9	130.4	14,500	175
176				6.4	105.0	13,600	14.1	125.4	14,300	176
180							6.8	105.4	13,700	180
181							2.1	92.5	13,600	181
185										185
187										187
190										190
194										194
195										195
200										200
205										205
206										206

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



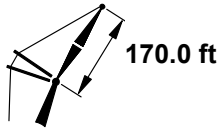
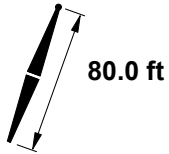
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
49													49
50													50
55													55
60													60
65													65
69													69
70													70
75													75
80													80
81													81
85													85
90													90
95													95
100													100
101	62.8	227.2	32,100										101
105	61.2	225.1	31,000										105
110	59.1	222.2	29,700										110
115	57.0	219.1	28,300										115
120	54.9	215.7	27,000	57.7	217.8	28,400							120
125	52.6	212.0	25,800	55.5	214.5	27,000							125
130	50.3	208.1	24,500	53.3	210.9	25,600							130
135	48.0	203.7	23,400	51.1	207.1	24,300							135
138	46.5	200.9	22,700	49.7	204.5	23,600	52.6	206.9	22,200				138
140	45.5	199.0	22,200	48.7	202.9	23,100	51.7	205.3	21,800				140
145	43.0	193.9	21,200	46.3	198.3	22,000	49.4	201.2	20,700				145
150	40.3	188.3	20,200	43.8	193.3	21,000	47.0	196.7	19,700				150
154	38.0	183.3	19,400	41.7	188.9	20,200	45.0	192.8	19,000	48.0	195.3	17,800	154
155	37.4	182.0	19,200	41.1	187.8	20,000	44.5	191.9	18,800	47.5	194.3	17,700	155
160	34.3	175.1	18,300	38.3	181.8	19,100	41.9	186.5	18,000	45.0	189.6	16,900	160
165	31.0	167.3	17,400	35.3	175.1	18,300	39.1	180.7	17,200	42.5	184.3	16,100	165
170	27.3	158.4	16,600	32.1	167.6	17,500	36.2	174.2	16,400	39.7	178.6	15,400	170
175	23.2	147.8	15,800	28.6	159.1	16,700	33.0	166.9	15,700	36.8	172.3	14,700	175
176	22.1	145.1	15,600	27.8	157.1	16,600	32.3	165.3	15,600	36.2	170.9	14,600	176
180	18.1	134.5	14,900	24.6	149.1	16,000	29.6	158.7	15,000	33.7	165.2	14,000	180
181	16.6	130.6	14,700	23.6	146.6	15,900	28.8	156.8	14,900	33.1	163.6	13,900	181
185	10.9	115.1	13,900	19.8	136.8	15,300	25.7	149.2	14,400	30.4	157.2	13,400	185
187	6.0	101.6	13,700	17.3	130.2	14,900	23.9	144.6	14,100	28.9	153.5	13,200	187
190				13.6	120.2	14,300	21.2	137.7	13,800	26.6	148.0	12,800	190
194				4.4	94.9	13,700	16.7	125.6	13,300	23.1	139.2	12,400	194
195							15.5	122.6	13,200	22.3	137.0	12,300	195
200							5.9	96.2	12,600	17.0	123.0	11,800	200
205										9.0	101.2	11,200	205
206										6.2	93.7	11,100	206

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



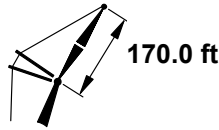
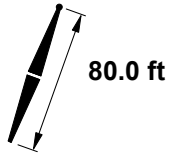
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
52	75.7	252.8	39,200							52
55	74.7	252.0	38,600							55
60	72.9	250.6	37,000							60
65	71.1	248.9	35,400							65
70	69.4	247.1	33,700							70
73	68.3	245.9	32,700	70.8	247.8	35,000				73
75	67.5	245.2	32,100	70.1	247.1	34,400				75
80	65.7	243.0	30,500	68.2	245.2	32,800				80
85	63.8	240.6	29,100	66.4	243.1	31,300	67.9	244.1	32,400	85
90	61.9	238.1	27,600	64.6	240.8	29,800	66.1	242.0	30,900	90
95	60.0	235.3	26,300	62.7	238.4	28,400	64.2	239.7	29,500	95
100	58.1	232.3	24,900	60.8	235.7	27,000	62.4	237.2	28,100	100
105	56.0	229.1	23,700	58.8	232.8	25,600	60.4	234.4	26,700	105
110	54.0	225.6	22,500	56.8	229.6	24,400	58.5	231.5	25,400	110
115	51.9	221.8	21,300	54.8	226.2	23,100	56.5	228.3	24,100	115
120	49.7	217.7	20,200	52.7	222.5	21,900	54.4	224.9	22,900	120
125	47.5	213.3	19,100	50.6	218.6	20,800	52.3	221.1	21,800	125
130	45.1	208.5	18,200	48.3	214.3	19,700	50.2	217.1	20,600	130
135	42.7	203.3	17,200	46.0	209.7	18,700	47.9	212.8	19,600	135
140	40.1	197.7	16,300	43.6	204.6	17,700	45.6	208.1	18,500	140
144	38.0	192.7	15,600	41.6	200.3	17,000	43.7	204.0	17,700	144
145	37.5	191.4	15,400	41.2	199.2	16,800	43.2	203.0	17,600	145
150	34.6	184.6	14,600	38.5	193.2	15,800	40.7	197.4	16,700	150
155	31.5	176.9	13,800	35.7	186.6	15,000	38.0	191.3	15,800	155
160	28.1	168.1	12,900	32.7	179.2	14,200	35.2	184.6	14,900	160
161	27.3	166.1	12,700	32.1	177.6	14,000	34.6	183.1	14,800	161
165	24.3	158.0	11,900	29.5	170.9	13,300	32.2	177.1	14,100	165
170	19.8	145.6	11,100	25.8	161.4	12,300	28.9	168.6	13,200	170
175	14.0	129.1	10,300	21.6	150.0	11,500	25.1	158.8	12,200	175
180	1.3	91.8	9,700	16.5	135.5	10,600	20.8	147.0	11,300	180
185				8.8	113.2	9,900	15.4	131.7	10,500	185
186				6.2	105.6	9,700	13.6	126.6	10,400	186
190							6.5	106.0	9,800	190
191							2.0	92.6	9,700	191
195										195
197										197
200										200
204										204
205										205
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216										216

MLC250 S-1

ASME B30.5



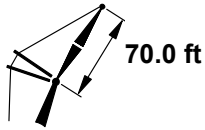
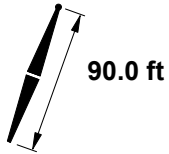
149,600 lb
+
0 lb



	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
52													52
55													55
60													60
65													65
70													70
73													73
75													75
80													80
85													85
90													90
95													95
100													100
105	63.0	236.4	28,300										105
110	61.1	233.7	27,000										110
115	59.2	230.9	25,700										115
120	57.2	227.8	24,500										120
125	55.2	224.4	23,300	57.8	226.5	24,600							125
130	53.1	220.8	22,100	55.8	223.2	23,500							130
135	50.9	216.9	21,100	53.8	219.7	22,400							135
140	48.7	212.7	20,000	51.6	215.9	21,300							140
144	46.9	209.0	19,200	49.9	212.6	20,400	52.6	214.9	20,700				144
145	46.5	208.1	19,000	49.5	211.8	20,200	52.2	214.1	20,500				145
150	44.1	203.1	17,900	47.2	207.3	19,200	50.1	210.1	19,500				150
155	41.6	197.8	17,000	44.9	202.5	18,300	47.8	205.7	18,600				155
160	39.0	191.9	16,100	42.4	197.2	17,300	45.5	201.0	17,700				160
161	38.4	190.6	16,000	41.9	196.1	17,100	45.0	200.0	17,600	47.9	202.4	16,500	161
165	36.2	185.4	15,300	39.8	191.5	16,500	43.1	195.9	16,900	46.0	198.7	15,900	165
170	33.3	178.2	14,500	37.1	185.2	15,600	40.6	190.3	16,200	43.6	193.6	15,100	170
175	30.1	170.1	13,500	34.3	178.3	14,700	37.9	184.2	15,500	41.1	188.2	14,500	175
180	26.5	160.8	12,700	31.1	170.5	13,900	35.1	177.4	14,800	38.5	182.2	13,800	180
185	22.5	149.8	11,700	27.7	161.6	12,900	32.0	169.9	14,200	35.7	175.5	13,200	185
186	21.5	147.0	11,500	26.9	159.5	12,700	31.3	168.1	14,000	35.1	174.1	13,100	186
190	17.5	136.0	10,800	23.8	151.2	12,000	28.7	161.3	13,300	32.7	168.2	12,600	190
191	16.1	132.0	10,700	22.9	148.7	11,800	27.9	159.3	13,100	32.0	166.5	12,500	191
195	10.6	116.0	10,100	19.2	138.6	11,100	24.9	151.4	12,300	29.4	159.9	12,100	195
197				16.8	131.7	10,800	23.2	146.6	12,000	28.0	156.1	11,900	197
200	5.8	102.1	9,800	13.2	121.3	10,300	20.6	139.5	11,400	25.8	150.3	11,600	200
204				4.3	95.3	9,800	16.2	127.1	10,700	22.4	141.2	11,200	204
205							15.1	123.9	10,500	21.6	139.0	11,100	205
210							5.7	96.7	9,800	16.4	124.5	10,600	210
215										8.7	102.0	10,000	215
216										6.1	94.3	9,900	216

MLC250 S-1

ASME B30.5



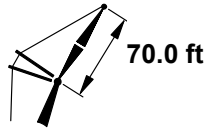
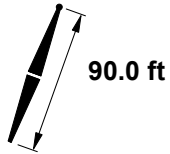
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
28	75.4	165.8	114,600 d							28
30	73.7	165.3	114,500 d							30
35	69.4	163.6	113,700 c							35
40	65.0	161.5	107,700 c							40
41	64.1	161.0	106,700 c	71.0	163.4	117,300 c				41
45	60.4	158.9	102,500 c	67.5	161.9	112,400 c				45
50	55.5	155.8	97,900 b	63.0	159.6	103,200 b	67.2	160.9	100,300 c	50
55	50.4	152.0	93,800 b	58.3	156.8	91,200 b	62.7	158.6	88,600 b	55
60	44.9	147.4	85,400 b	53.3	153.4	81,600 b	57.9	155.8	79,300 b	60
63	41.2	144.1	80,500 b	50.2	150.9	76,900 b	55.0	153.7	74,700 b	63
65	38.7	141.8	77,200	48.0	149.3	73,700	53.0	152.3	71,600 b	65
70	31.6	134.7	70,300	42.3	144.3	67,100	47.7	148.2	65,200	70
75	22.6	125.0	63,800	35.8	138.2	61,500	41.8	143.1	59,800	75
80	6.1	105.4	46,500	28.0	130.1	56,700	35.3	136.8	55,100	80
85				17.4	118.2	52,400	27.4	128.6	51,000	85
88				4.4	102.5	48,500	20.8	121.2	48,800	88
90							16.4	116.2	47,400	90
92							8.9	107.3	46,000	92
95										95
99										99
100										100
105										105
107										107
110										110
115										115
120										120
121										121

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



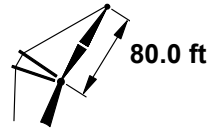
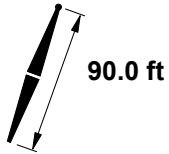
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
28													28
30													30
35													35
40													40
41													41
45													45
50													50
55													55
60													60
63	62.3	156.5	70,900 b										63
65	60.4	155.4	68,200 b										65
70	55.6	152.3	62,100 b										70
75	50.5	148.5	56,900	58.0	151.3	54,000 b							75
80	45.0	144.0	52,500	53.0	147.9	49,800 b							80
85	38.8	138.4	48,600	47.7	143.8	46,100							85
88	34.6	134.2	46,500	44.2	140.7	44,200	52.2	144.1	41,900				88
90	31.7	131.4	45,200	41.9	138.7	42,900	50.1	142.5	40,700				90
92	28.2	127.5	44,000	39.3	136.2	41,800	47.8	140.6	39,600				92
95	22.8	121.7	42,100	35.3	132.5	40,100	44.5	137.9	38,000				95
99	9.9	106.4	39,900	29.1	125.9	38,000	39.5	133.3	36,000	47.8	136.8	34,100	99
100	6.6	102.6	39,300	27.5	124.3	37,500	38.3	132.2	35,500	46.7	135.9	33,600	100
105				16.5	111.9	35,100	31.1	125.0	33,400	40.7	130.7	31,600	105
107				9.2	103.2	34,200	27.5	121.0	32,500	38.0	128.0	30,800	107
110							22.0	115.0	31,300	34.0	124.1	29,700	110
115							2.7	92.0	29,400	25.8	115.4	28,000	115
120										13.6	101.4	26,300	120
121										9.4	96.5	26,000	121

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



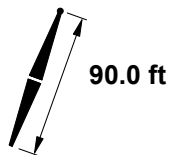
	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
30	75.8	175.6	104,800 d							30
35	72.1	174.2	104,400 c							35
40	68.3	172.4	99,600 c							40
45	64.4	170.2	94,700 c	70.4	172.6	103,900 c				45
50	60.3	167.6	90,300 b	66.6	170.7	98,800 b				50
53	57.8	165.7	87,900 b	64.2	169.2	94,100 b	67.9	170.5	92,700 b	53
55	56.1	164.5	86,300 b	62.6	168.3	91,000 b	66.3	169.7	88,300 b	55
60	51.7	160.8	82,700 b	58.5	165.5	81,400	62.3	167.3	79,000 b	60
65	47.0	156.5	77,100	54.2	162.1	73,500	58.2	164.4	71,400	65
67	44.9	154.5	74,300	52.4	160.6	70,900	56.5	163.1	68,800	67
70	41.8	151.4	70,200	49.7	158.2	66,900	53.9	161.1	65,000	70
75	36.1	145.2	64,300	44.8	153.6	61,400	49.3	157.1	59,600	75
80	29.5	137.5	58,900	39.4	148.0	56,600	44.4	152.4	54,900	80
81	27.9	135.4	57,900	38.2	146.7	55,700	43.3	151.3	54,100	81
85	21.2	126.9	54,000	33.4	141.3	52,400	39.0	146.8	50,900	85
90	5.7	105.9	40,200	26.2	132.5	48,700	32.9	139.9	47,300	90
94				18.2	122.2	46,100	27.0	132.8	44,800	94
95				16.3	119.6	45,400	25.6	131.0	44,200	95
98				4.1	102.9	42,000	19.4	122.9	42,400	98
100							15.3	117.6	41,300	100
102							8.3	108.0	40,200	102
105										105
106										106
110										110
115										115
117										117
120										120
125										125
130										130
131										131

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



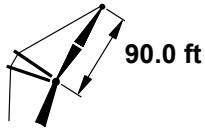
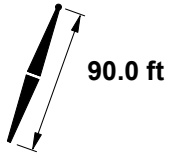
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
30													30
35													35
40													40
45													45
50													50
53													53
55													55
60													60
65													65
67	62.8	165.7	65,300 b										67
70	60.4	164.1	61,800 b										70
75	56.2	161.0	56,600										75
80	51.8	157.4	52,200										80
81	50.8	156.5	51,400	57.4	159.4	48,700							81
85	47.0	153.1	48,300	53.9	156.7	45,800							85
90	41.9	148.0	45,000	49.4	152.7	42,600							90
94	37.4	143.0	42,600	45.4	148.9	40,400	52.3	152.1	38,100				94
95	36.2	141.8	42,000	44.5	148.0	39,800	51.4	151.3	37,600				95
98	32.3	137.2	40,400	41.2	144.7	38,300	48.5	148.7	36,200				98
100	29.6	134.1	39,300	39.1	142.4	37,300	46.6	147.0	35,200				100
102	26.3	129.9	38,300	36.6	139.7	36,300	44.6	144.9	34,400				102
105	21.3	123.6	36,900	33.0	135.5	35,000	41.5	141.8	33,100				105
106	18.3	119.5	36,400	31.5	133.8	34,600	40.3	140.5	32,700	47.5	144.0	30,800	106
110	6.2	103.2	34,600	25.7	126.6	32,900	35.8	135.5	31,100	43.5	140.1	29,400	110
115				15.5	113.3	31,000	29.1	127.7	29,300	38.0	134.2	27,700	115
117				8.6	103.9	30,200	25.7	123.3	28,700	35.5	131.4	27,100	117
120							20.5	116.8	27,700	31.7	127.1	26,200	120
125							2.5	92.3	26,000	24.1	117.6	24,700	125
130										12.7	102.6	23,400	130
131										8.8	97.3	23,100	131

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ASME B30.5



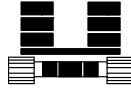
149,600 lb
+
0 lb



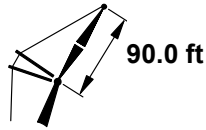
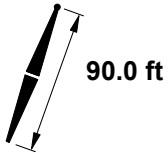
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
33	75.5	185.2	94,600 d							33
35	74.1	184.6	94,400 d							35
40	70.8	183.0	89,800 c							40
45	67.4	181.1	85,500 c							45
48	65.3	179.8	83,100 c	70.7	182.2	90,600 c				48
50	63.9	178.9	81,500 b	69.3	181.4	89,000 b				50
55	60.3	176.2	77,800 b	65.9	179.4	85,000 b				55
57	58.8	175.0	76,500 b	64.5	178.4	83,400 b	67.7	179.7	84,200 b	57
60	56.6	173.1	74,500	62.3	176.9	81,200	65.6	178.4	78,800 b	60
65	52.6	169.6	71,400	58.7	174.1	73,400	62.1	175.9	71,200	65
70	48.5	165.5	68,600	54.9	170.8	66,800	58.4	173.1	64,800	70
72	46.8	163.6	66,900	53.3	169.3	64,600	56.9	171.8	62,700	72
75	44.1	160.7	64,300	50.9	167.1	61,200	54.6	169.8	59,400	75
80	39.3	155.1	59,300	46.6	162.7	56,500	50.6	166.0	54,800	80
85	34.0	148.4	54,500	42.1	157.6	52,300	46.3	161.5	50,800	85
86	32.8	146.7	53,700	41.1	156.3	51,600	45.4	160.5	50,100	86
90	27.8	140.0	50,300	37.1	151.5	48,700	41.7	156.3	47,200	90
95	19.9	128.7	46,500	31.4	144.2	45,500	36.7	150.2	44,100	95
100	5.3	106.4	35,100	24.7	134.8	42,600	31.0	142.8	41,300	100
105				15.3	121.0	40,000	24.1	133.2	38,800	105
108				3.8	103.3	36,900	18.3	124.6	37,400	108
110							14.4	118.9	36,500	110
112							7.9	108.7	35,600	112
113										113
115										115
120										120
125										125
127										127
130										130
135										135
140										140
141										141

MLC250 S-1

ASME B30.5



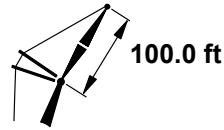
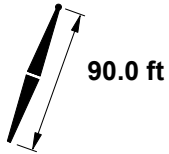
149,600 lb
+
0 lb



	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
33													33
35													35
40													40
45													45
48													48
50													50
55													55
57													57
60													60
65													65
70													70
72	62.5	174.4	59,400										72
75	60.3	172.7	56,400										75
80	56.6	169.7	52,000										80
85	52.7	166.1	48,200										85
86	51.9	165.3	47,500	57.7	168.1	45,000							86
90	48.6	162.0	44,800	54.6	165.4	42,400							90
95	44.2	157.3	41,900	50.6	161.6	39,600							95
100	39.4	151.7	39,200	46.4	157.1	37,100	52.4	160.1	35,000				100
105	34.1	145.0	36,800	41.8	152.0	34,800	48.3	156.0	32,900				105
108	30.4	140.0	35,500	38.8	148.3	33,600	45.6	153.1	31,700				108
110	27.9	136.7	34,700	36.8	145.9	32,800	43.8	151.1	31,000				110
112	24.8	132.2	33,900	34.5	142.9	32,100	41.9	148.9	30,300				112
113	23.2	129.9	33,500	33.3	141.4	31,700	40.9	147.7	29,900	47.3	151.1	28,200	113
115	20.1	125.4	32,700	31.1	138.4	30,900	39.0	145.5	29,200	45.5	149.2	27,500	115
120	5.8	103.7	30,800	24.2	128.9	29,200	33.6	138.7	27,600	40.9	143.9	26,000	120
125				14.6	114.6	27,600	27.4	130.2	26,100	35.7	137.6	24,600	125
127				8.1	104.7	27,000	24.2	125.5	25,600	33.4	134.5	24,100	127
130							19.3	118.6	24,700	29.9	129.8	23,300	130
135							2.3	92.5	23,300	22.7	119.7	22,100	135
140										11.9	103.6	20,900	140
141										8.3	98.0	20,700	141

MLC250 S-1

ASME B30.5



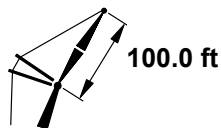
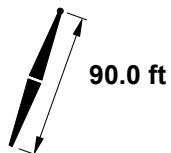
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
35	75.8	195.0	85,500 d							35
40	72.8	193.6	82,000 c							40
45	69.8	191.9	77,900 c							45
50	66.7	189.9	74,200 b							50
51	66.0	189.4	73,500 b	70.9	191.7	80,000 b				51
55	63.5	187.6	70,700 b	68.4	190.2	77,100 b				55
60	60.3	184.9	67,400	65.3	188.1	73,600				60
61	59.6	184.3	66,800	64.7	187.6	73,000	67.6	188.9	76,100 b	61
65	56.9	181.8	64,500	62.1	185.6	70,300	65.1	187.1	70,900	65
70	53.4	178.3	61,700	58.8	182.8	66,500	61.9	184.6	64,500	70
75	49.8	174.4	59,200	55.4	179.5	61,000	58.6	181.8	59,100	75
76	49.0	173.5	58,700	54.7	178.8	60,000	57.9	181.1	58,200	76
80	45.9	169.8	56,900	51.8	175.9	56,200	55.1	178.5	54,500	80
85	41.8	164.6	54,700	48.1	171.7	52,100	51.6	174.8	50,500	85
90	37.2	158.6	50,800	44.1	166.8	48,500	47.8	170.5	47,000	90
91	36.2	157.1	50,100	43.3	165.7	47,800	47.0	169.5	46,400	91
95	32.2	151.4	47,100	39.8	161.3	45,300	43.8	165.7	43,900	95
100	26.4	142.4	43,700	35.1	154.8	42,400	39.5	160.0	41,100	100
105	18.9	130.4	40,600	29.8	146.9	39,900	34.8	153.4	38,600	105
106	16.1	125.7	38,700	28.5	144.9	39,400	33.7	151.8	38,200	106
110	5.1	106.9	31,000	23.4	136.9	37,500	29.4	145.5	36,400	110
115				14.5	122.3	35,400	22.9	135.3	34,300	115
118				3.6	103.6	32,600	17.4	126.2	33,200	118
119							15.5	123.1	32,800	119
120							13.7	120.1	32,400	120
122							7.5	109.4	31,600	122
125										125
130										130
135										135
137										137
140										140
145										145
150										150
151										151

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



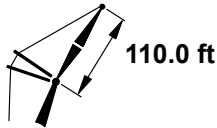
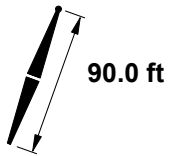
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
35													35
40													40
45													45
50													50
51													51
55													55
60													60
61													61
65													65
70													70
75													75
76	62.9	183.6	55,100										76
80	60.3	181.4	51,700										80
85	57.0	178.4	47,900										85
90	53.5	174.9	44,500										90
91	52.7	174.1	43,900	57.9	176.7	41,500							91
95	49.8	170.9	41,600	55.2	174.1	39,300							95
100	46.0	166.4	38,900	51.6	170.4	36,800							100
105	41.8	161.2	36,600	47.9	166.1	34,500							105
106	40.9	160.0	36,100	47.1	165.2	34,100	52.5	168.1	32,100				106
110	37.3	155.2	34,400	43.9	161.3	32,500	49.5	164.9	30,600				110
115	32.3	148.0	32,500	39.6	155.7	30,700	45.6	160.3	28,900				115
118	28.8	142.6	31,400	36.7	151.7	29,700	43.1	157.1	27,900				118
119	27.6	140.8	31,100	35.8	150.4	29,300	42.3	156.1	27,600	47.9	159.2	25,900	119
120	26.5	139.1	30,700	34.8	149.1	29,000	41.5	155.0	27,300	47.1	158.3	25,700	120
122	23.5	134.3	30,100	32.7	145.9	28,400	39.7	152.6	26,700	45.5	156.3	25,100	122
125	19.0	127.1	29,100	29.4	141.1	27,400	36.9	148.9	25,800	43.1	153.3	24,300	125
130	5.5	104.2	27,500	22.9	130.9	26,000	31.9	141.6	24,500	38.7	147.5	23,000	130
135				13.8	115.9	24,700	25.9	132.5	23,200	33.9	140.7	21,800	135
137				7.7	105.3	24,100	22.9	127.6	22,800	31.6	137.4	21,400	137
140							18.3	120.3	22,100	28.3	132.4	20,700	140
145							2.2	92.7	20,900	21.5	121.6	19,700	145
150										11.3	104.6	18,700	150
151										7.9	98.7	18,500	151

MLC250 S-1

ASME B30.5



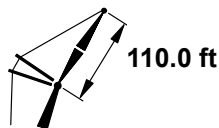
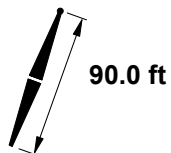
149,600 lb
+
0 lb



	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
37	76.0	204.8	78,200 c							37
40	74.4	204.0	76,200 c							40
45	71.7	202.5	73,000 c							45
50	68.9	200.7	70,000 b							50
54	66.6	199.0	67,700 b	71.0	201.3	73,000 b				54
55	66.1	198.6	67,200 b	70.5	200.9	72,400 b				55
60	63.2	196.2	64,600	67.7	199.0	69,600				60
64	60.8	194.1	62,500	65.4	197.2	67,500	68.0	198.4	69,800	64
65	60.2	193.5	62,000	64.8	196.8	67,000	67.5	198.0	69,300	65
70	57.2	190.5	59,500	61.9	194.3	64,400	64.6	195.8	64,500	70
75	54.0	187.1	57,100	58.9	191.4	60,900	61.7	193.3	59,100	75
80	50.7	183.2	54,800	55.8	188.2	56,200	58.7	190.4	54,500	80
81	50.1	182.4	54,400	55.2	187.5	55,400	58.1	189.8	53,700	81
85	47.3	178.9	52,800	52.6	184.6	52,100	55.6	187.2	50,500	85
90	43.6	174.0	50,800	49.3	180.6	48,500	52.4	183.6	47,000	90
95	39.7	168.3	47,200	45.7	176.0	45,300	49.0	179.5	43,900	95
97	38.0	165.7	45,900	44.2	173.9	44,100	47.6	177.6	42,800	97
100	35.5	161.9	43,900	42.0	170.8	42,400	45.5	174.8	41,100	100
105	30.7	154.2	41,000	37.9	164.8	39,900	41.7	169.6	38,600	105
110	25.1	144.7	38,300	33.4	157.8	37,600	37.6	163.5	36,400	110
112	22.3	139.7	36,600	31.4	154.5	36,700	35.8	160.7	35,600	112
115	18.0	132.1	34,100	28.4	149.5	35,500	33.1	156.5	34,400	115
120	4.8	107.3	25,900	22.3	138.9	33,600	28.0	148.0	32,500	120
125				13.9	123.6	31,800	21.8	137.2	30,800	125
126				10.4	117.0	30,300	20.0	134.0	30,500	126
128				3.5	103.9	27,300	16.5	127.7	29,800	128
130							13.1	121.3	29,200	130
132							7.1	110.0	28,600	132
135										135
140										140
145										145
147										147
150										150
155										155
160										160
161										161

MLC250 S-1

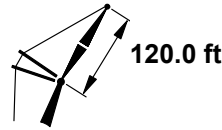
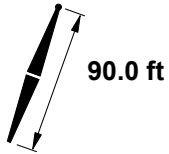
ASME B30.5



	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
37													37
40													40
45													45
50													50
54													54
55													55
60													60
64													64
65													65
70													70
75													75
80													80
81	62.7	192.2	50,800										81
85	60.3	190.1	47,800										85
90	57.2	187.0	44,500										90
95	54.1	183.6	41,500										95
97	52.8	182.1	40,500	57.5	184.8	38,200							97
100	50.8	179.8	38,900	55.6	182.8	36,700							100
105	47.4	175.4	36,600	52.4	179.2	34,500							105
110	43.7	170.5	34,400	49.0	175.1	32,500							110
112	42.1	168.3	33,700	47.6	173.2	31,800	52.5	176.1	29,900				112
115	39.8	164.9	32,500	45.5	170.4	30,700	50.5	173.7	28,900				115
120	35.5	158.4	30,800	41.7	165.2	29,000	47.1	169.3	27,300				120
125	30.8	150.8	29,100	37.6	159.2	27,500	43.4	164.4	25,800				125
126	29.6	148.9	28,800	36.7	157.8	27,200	42.6	163.2	25,600	47.7	166.3	24,000	126
128	27.4	145.1	28,200	34.9	154.9	26,600	41.0	161.0	25,000	46.2	164.4	23,500	128
130	25.2	141.4	27,700	33.1	152.1	26,100	39.5	158.7	24,500	44.8	162.5	23,000	130
132	22.4	136.3	27,100	31.1	148.7	25,500	37.7	156.1	24,000	43.3	160.4	22,500	132
135	18.1	128.8	26,300	28.0	143.7	24,800	35.2	152.2	23,300	41.0	157.1	21,800	135
140	5.3	104.7	24,900	21.8	132.9	23,600	30.4	144.4	22,100	36.8	150.9	20,800	140
145				13.2	117.1	22,400	24.7	134.8	21,100	32.2	143.7	19,800	145
147				7.3	106.0	21,900	21.8	129.6	20,700	30.1	140.1	19,400	147
150							17.5	121.8	20,100	27.0	134.9	18,800	150
155							2.1	92.9	19,000	20.5	123.5	17,900	155
160										10.8	105.6	17,000	160
161										7.5	99.4	16,900	161

MLC250 S-1

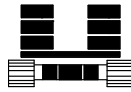
ASME B30.5



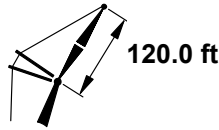
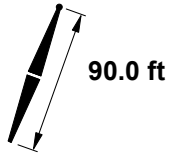
	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
40	75.7	214.3	70,800 c							40
45	73.2	213.0	67,700 c							45
50	70.7	211.3	64,900 b							50
55	68.2	209.5	62,100 b							55
58	66.6	208.2	60,600 b	70.6	210.5	65,200				58
60	65.6	207.3	59,500	69.6	209.7	64,200				60
65	62.9	204.9	57,100	67.1	207.7	61,600				65
68	61.3	203.3	55,700	65.5	206.4	60,200	67.9	207.6	62,300	68
70	60.2	202.2	54,800	64.4	205.5	59,200	66.9	206.8	61,400	70
75	57.4	199.2	52,500	61.8	202.9	56,900	64.2	204.5	58,800	75
80	54.5	195.8	50,500	59.0	200.1	54,600	61.6	201.9	54,200	80
85	51.6	192.0	48,500	56.2	196.9	51,800	58.8	199.1	50,200	85
90	48.4	187.8	46,500	53.3	193.4	48,200	56.0	195.9	46,700	90
95	45.2	183.1	44,700	50.2	189.4	45,000	53.0	192.3	43,600	95
100	41.7	177.9	42,900	47.0	185.0	42,200	50.0	188.3	40,800	100
102	40.2	175.5	42,100	45.7	183.1	41,200	48.7	186.6	39,900	102
105	38.0	171.9	41,000	43.7	180.1	39,700	46.8	183.9	38,400	105
110	33.9	165.0	38,300	40.1	174.5	37,400	43.4	178.9	36,100	110
115	29.3	156.8	35,900	36.2	168.2	35,300	39.8	173.3	34,100	115
118	26.1	150.9	34,600	33.7	163.7	34,100	37.5	169.4	33,000	118
120	24.0	146.9	33,700	32.0	160.8	33,400	35.9	166.9	32,300	120
125	17.2	133.6	30,100	27.1	152.0	31,600	31.7	159.4	30,600	125
130	4.6	107.7	22,900	21.3	140.8	30,000	26.8	150.4	29,100	130
133				16.5	131.2	29,100	23.2	143.6	28,200	133
135				13.3	124.8	28,500	20.8	139.1	27,600	135
138				3.3	104.2	24,300	15.8	129.1	26,800	138
140							12.5	122.4	26,200	140
142							6.8	110.6	25,700	142
145										145
150										150
155										155
157										157
160										160
165										165
170										170
171										171

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



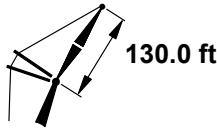
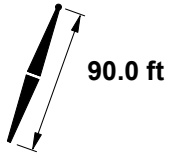
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
40													40
45													45
50													50
55													55
58													58
60													60
65													65
68													68
70													70
75													75
80													80
85	63.0	201.4	47,500										85
90	60.3	198.7	44,100										90
95	57.5	195.7	41,200										95
100	54.6	192.3	38,600										100
102	53.4	190.8	37,700	57.7	193.4	35,500							102
105	51.6	188.6	36,300	56.0	191.5	34,200							105
110	48.5	184.4	34,100	53.1	187.9	32,200							110
115	45.2	179.7	32,200	50.0	183.9	30,300							115
118	43.1	176.5	31,200	48.1	181.3	29,300	52.6	184.1	27,500				118
120	41.8	174.4	30,500	46.8	179.5	28,700	51.4	182.5	26,900				120
125	38.0	168.5	28,900	43.5	174.5	27,200	48.2	178.3	25,500				125
130	34.0	161.6	27,400	39.9	168.9	25,800	45.0	173.6	24,200				130
133	31.2	156.7	26,600	37.5	165.1	25,000	42.9	170.4	23,500	47.5	173.5	21,900	133
135	29.4	153.5	26,000	36.0	162.5	24,500	41.5	168.3	23,000	46.2	171.6	21,500	135
138	26.2	147.5	25,300	33.4	158.0	23,800	39.2	164.6	22,300	44.2	168.6	20,900	138
140	24.1	143.6	24,800	31.7	155.0	23,300	37.7	162.2	21,800	42.8	166.5	20,400	140
142	21.4	138.3	24,300	29.7	151.5	22,900	36.1	159.4	21,400	41.3	164.2	20,000	142
145	17.4	130.3	23,600	26.8	146.1	22,200	33.6	155.2	20,800	39.2	160.8	19,400	145
150	5.1	105.1	22,400	20.9	134.8	21,100	29.0	147.0	19,800	35.2	154.2	18,500	150
155				12.6	118.2	20,100	23.7	136.9	18,900	30.8	146.5	17,600	155
157				7.0	106.6	19,700	20.9	131.5	18,500	28.8	142.8	17,300	157
160							16.7	123.3	18,000	25.8	137.2	16,800	160
165							2.0	93.0	17,100	19.6	125.2	16,000	165
170										10.3	106.5	15,300	170
171										7.2	100.1	15,100	171

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



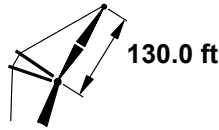
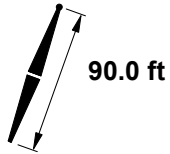
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
42	75.9	224.2	53,200 b							42
45	74.6	223.4	52,400 b							45
50	72.3	221.9	51,300 b							50
55	69.9	220.2	50,200							55
60	67.6	218.2	49,200							60
61	67.1	217.8	49,000	70.8	220.0	51,200				61
65	65.2	216.0	48,200	68.9	218.5	50,500				65
70	62.7	213.6	47,100	66.5	216.5	49,700				70
72	61.7	212.5	46,300	65.5	215.6	49,300	67.8	216.8	50,000	72
75	60.2	210.9	45,200	64.1	214.2	48,700	66.4	215.5	49,500	75
80	57.6	207.8	43,400	61.6	211.6	46,700	63.9	213.2	48,500	80
85	55.0	204.5	41,600	59.1	208.8	44,900	61.4	210.6	46,600	85
90	52.2	200.8	40,000	56.5	205.6	43,100	58.9	207.7	44,800	90
95	49.4	196.8	38,400	53.8	202.1	41,400	56.3	204.6	43,100	95
100	46.4	192.2	36,900	51.0	198.3	39,800	53.6	201.1	40,600	100
105	43.3	187.2	35,500	48.1	194.0	38,200	50.8	197.2	38,200	105
107	42.0	185.0	35,000	46.9	192.1	37,600	49.6	195.5	37,300	107
110	40.0	181.6	34,200	45.1	189.3	36,800	47.9	192.9	36,000	110
115	36.4	175.2	33,000	41.9	184.0	35,100	44.9	188.1	34,000	115
120	32.5	168.0	31,800	38.5	178.1	33,200	41.6	182.8	32,100	120
124	29.0	161.1	31,000	35.5	172.7	31,900	38.9	178.0	30,800	124
125	28.2	159.4	30,800	34.8	171.4	31,500	38.2	176.8	30,400	125
130	23.1	149.0	29,900	30.7	163.6	29,900	34.5	170.0	28,900	130
135	16.6	135.1	26,900	26.0	154.3	28,400	30.4	162.2	27,500	135
139	6.9	113.5	21,900	21.6	145.0	27,300	26.6	154.6	26,400	139
140	4.4	108.1	20,600	20.5	142.7	27,100	25.7	152.8	26,200	140
145				12.7	125.9	25,800	20.0	140.9	24,900	145
148				3.2	104.5	21,900	15.2	130.4	24,200	148
150							12.0	123.5	23,700	150
152							6.5	111.2	23,300	152
155										155
160										160
165										165
167										167
170										170
175										175
180										180
181										181

MLC250 S-1

ASME B30.5



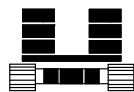
149,600 lb
+
0 lb



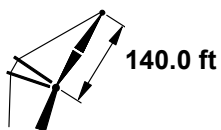
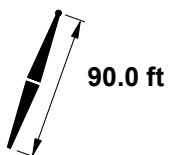
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
42													42
45													45
50													50
55													55
60													60
61													61
65													65
70													70
72													72
75													75
80													80
85													85
90	62.8	210.1	43,900										90
95	60.2	207.4	41,000										95
100	57.7	204.4	38,400										100
105	55.0	201.1	36,000										105
107	53.9	199.6	35,200	57.9	202.1	33,100							107
110	52.3	197.4	33,900	56.3	200.2	31,900							110
115	49.4	193.3	32,000	53.6	196.7	30,100							115
120	46.5	188.8	30,300	50.8	192.8	28,500							120
124	44.0	184.8	29,000	48.5	189.3	27,300	52.6	192.1	25,600				124
125	43.4	183.8	28,700	47.9	188.5	27,000	52.1	191.3	25,300				125
130	40.0	178.2	27,200	44.9	183.7	25,600	49.2	187.2	24,000				130
135	36.5	171.8	25,900	41.7	178.4	24,300	46.2	182.7	22,800				135
139	33.4	166.0	24,900	38.9	173.6	23,400	43.7	178.6	21,900	48.0	181.6	20,400	139
140	32.6	164.6	24,600	38.2	172.5	23,100	43.1	177.6	21,600	47.4	180.6	20,200	140
145	28.2	156.0	23,500	34.5	165.7	22,000	39.8	172.0	20,600	44.3	175.8	19,200	145
148	25.2	149.8	22,800	32.1	161.0	21,400	37.6	168.1	20,000	42.3	172.5	18,700	148
150	23.2	145.6	22,400	30.4	157.8	21,000	36.2	165.6	19,600	41.0	170.4	18,300	150
152	20.6	140.1	22,000	28.5	154.1	20,600	34.6	162.6	19,300	39.6	167.9	18,000	152
155	16.7	131.8	21,300	25.7	148.4	20,000	32.3	158.2	18,700	37.6	164.3	17,400	155
160	4.9	105.5	20,300	20.1	136.6	19,100	27.9	149.6	17,900	33.8	157.3	16,600	160
165				12.1	119.3	18,200	22.7	139.0	17,100	29.6	149.2	15,900	165
167				6.7	107.2	17,900	20.1	133.3	16,700	27.7	145.3	15,600	167
170							16.1	124.8	16,300	24.8	139.4	15,200	170
175							1.9	93.2	15,500	18.8	126.9	14,500	175
180										9.9	107.4	13,800	180
181										6.9	100.7	13,600	181

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



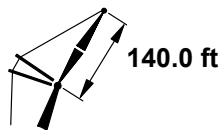
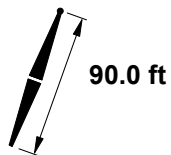
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
45	75.7	233.7	49,200 b							45
50	73.6	232.3	48,100 b							50
55	71.4	230.8	47,200							55
60	69.3	229.0	46,200							60
64	67.5	227.4	45,400	70.9	229.5	47,400				64
65	67.0	227.0	45,200	70.5	229.2	47,300				65
70	64.8	224.7	43,300	68.3	227.3	46,500				70
75	62.5	222.3	41,500	66.1	225.2	44,700				75
76	62.1	221.7	41,100	65.6	224.7	44,300	67.7	225.9	45,800	76
80	60.2	219.5	39,700	63.8	222.9	42,800	65.9	224.2	44,400	80
85	57.8	216.5	38,000	61.5	220.3	41,100	63.6	221.9	42,700	85
90	55.3	213.2	36,400	59.2	217.4	39,400	61.3	219.3	41,000	90
94	53.3	210.3	35,200	57.2	214.9	38,100	59.5	217.0	39,700	94
95	52.8	209.6	34,900	56.7	214.3	37,700	59.0	216.4	39,300	95
100	50.2	205.6	33,400	54.3	210.9	36,100	56.6	213.2	37,700	100
105	47.5	201.2	32,000	51.7	207.1	34,600	54.1	209.8	36,100	105
110	44.6	196.4	30,700	49.0	202.9	33,200	51.5	206.0	34,600	110
113	42.8	193.2	29,900	47.4	200.2	32,300	49.9	203.5	33,800	113
115	41.7	191.1	29,500	46.3	198.4	31,800	48.8	201.8	33,200	115
120	38.5	185.1	28,200	43.4	193.4	30,500	46.1	197.2	31,800	120
125	35.1	178.5	27,100	40.3	187.8	29,200	43.1	192.2	30,200	125
130	31.3	170.8	26,100	37.0	181.5	28,100	40.1	186.5	28,700	130
135	27.1	161.9	25,200	33.5	174.4	27,000	36.8	180.2	27,200	135
140	22.2	151.0	24,300	29.5	166.3	26,000	33.2	173.1	25,900	140
145	16.0	136.5	23,600	25.1	156.6	25,100	29.2	164.8	24,700	145
146	13.6	130.9	22,500	24.0	154.2	24,900	28.3	162.9	24,500	146
150	4.3	108.5	18,300	19.7	144.5	24,300	24.7	155.0	23,600	150
155				12.3	127.0	23,300	19.3	142.6	22,500	155
158				3.1	104.7	19,500	14.7	131.8	21,900	158
160							11.6	124.5	21,500	160
162							6.3	111.8	21,000	162
165										165
170										170
175										175
177										177
180										180
185										185
190										190
191										191

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



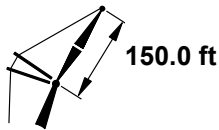
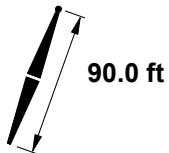
	75°			70°			65°			60°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
45													45
50													50
55													55
60													60
64													64
65													65
70													70
75													75
76													76
80													80
85													85
90													90
94	63.0	219.3	41,200										94
95	62.6	218.8	40,700										95
100	60.2	216.1	38,000										100
105	57.8	213.0	35,700										105
110	55.4	209.8	33,600										110
113	53.9	207.6	32,500	57.6	210.1	30,500							113
115	52.9	206.1	31,700	56.6	208.8	29,800							115
120	50.2	202.2	30,000	54.1	205.4	28,100							120
125	47.5	197.8	28,400	51.5	201.6	26,600							125
130	44.7	193.0	26,900	48.9	197.4	25,300	52.7	200.1	23,600				130
135	41.7	187.7	25,600	46.1	192.8	24,000	50.0	196.1	22,400				135
140	38.5	181.7	24,400	43.2	187.8	22,800	47.3	191.7	21,300				140
145	35.1	175.1	23,200	40.1	182.1	21,700	44.5	186.9	20,300				145
146	34.4	173.5	23,000	39.4	180.9	21,500	43.9	185.8	20,100	47.8	188.7	18,700	146
150	31.4	167.4	22,100	36.8	175.9	20,700	41.5	181.5	19,300	45.5	184.9	18,000	150
155	27.2	158.5	21,100	33.2	168.7	19,700	38.3	175.5	18,400	42.6	179.8	17,100	155
158	24.3	152.0	20,500	30.9	163.8	19,200	36.2	171.5	17,900	40.7	176.3	16,600	158
160	22.3	147.7	20,200	29.3	160.5	18,900	34.8	168.8	17,600	39.5	174.0	16,300	160
162	19.8	141.9	19,800	27.5	156.6	18,500	33.3	165.7	17,200	38.1	171.4	16,000	162
165	16.1	133.3	19,300	24.8	150.7	18,000	31.1	161.0	16,800	36.2	167.6	15,600	165
170	4.7	106.0	18,400	19.3	138.3	17,200	26.8	152.0	16,000	32.5	160.3	14,900	170
175				11.7	120.3	16,400	21.9	141.0	15,300	28.5	151.8	14,200	175
177				6.5	107.8	16,100	19.3	135.0	15,000	26.6	147.7	13,900	177
180							15.5	126.2	14,600	23.8	141.6	13,600	180
185							1.9	93.4	13,900	18.1	128.6	12,900	185
190										9.6	108.3	12,300	190
191										6.7	101.3	12,200	191

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



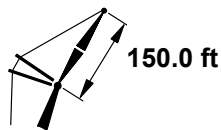
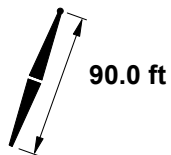
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
47	75.9	243.5	45,700 b						47	
50	74.7	242.7	45,100 b						50	
55	72.7	241.3	44,300						55	
60	70.7	239.6	43,400						60	
65	68.7	237.8	41,800						65	
67	67.8	236.9	41,000	71.0	239.1	43,800			67	
70	66.6	235.7	40,000	69.8	238.0	42,900			70	
75	64.5	233.4	38,200	67.8	236.1	41,200			75	
79	62.8	231.4	36,900	66.1	234.4	39,800	68.0	235.5	41,200	
80	62.4	230.9	36,500	65.7	233.9	39,400	67.6	235.1	40,900	
85	60.2	228.2	35,000	63.6	231.5	37,800	65.5	232.9	39,200	
90	57.9	225.2	33,400	61.4	228.9	36,100	63.4	230.6	37,600	
95	55.7	221.9	32,000	59.2	226.1	34,600	61.3	227.9	36,000	
99	53.8	219.1	30,800	57.4	223.6	33,400	59.5	225.6	34,900	
100	53.3	218.3	30,500	57.0	223.0	33,100	59.0	225.1	34,600	
105	50.9	214.5	29,200	54.6	219.6	31,600	56.8	221.9	33,000	
110	48.4	210.2	27,900	52.3	215.9	30,200	54.5	218.5	31,600	
115	45.8	205.6	26,700	49.8	211.8	28,900	52.1	214.8	30,300	
118	44.1	202.5	25,900	48.3	209.2	28,100	50.6	212.3	29,500	
120	43.1	200.5	25,500	47.3	207.4	27,600	49.6	210.7	28,900	
125	40.2	194.8	24,300	44.6	202.6	26,400	47.1	206.3	27,600	
130	37.1	188.6	23,300	41.8	197.2	25,200	44.4	201.4	26,400	
135	33.8	181.6	22,400	38.9	191.4	24,100	41.6	196.0	25,300	
136	33.1	180.0	22,200	38.2	190.0	23,900	41.0	194.8	25,100	
140	30.2	173.6	21,400	35.7	184.8	23,100	38.6	190.1	24,200	
145	26.2	164.2	20,500	32.3	177.4	22,100	35.5	183.5	23,100	
150	21.5	152.9	19,700	28.5	168.9	21,200	32.0	176.0	22,100	
153	17.8	143.9	19,400	25.9	162.8	20,700	29.8	170.8	21,600	
155	15.4	137.9	19,100	24.2	158.8	20,400	28.2	167.4	21,300	
160	4.1	108.9	16,500	19.0	146.2	19,600	23.9	157.2	20,400	
165				11.9	128.1	19,100	18.6	144.3	19,700	
168				3.0	105.0	17,600	14.2	133.0	19,300	
170							11.2	125.5	19,100	
172							6.1	112.3	19,000	
175									175	
180									180	
185									185	
187									187	
190									190	
195									195	
200									200	
201									201	

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



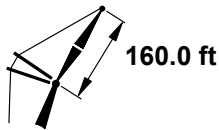
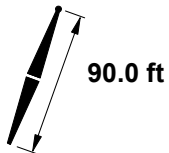
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
47													47
50													50
55													55
60													60
65													65
67													67
70													70
75													75
79													79
80													80
85													85
90													90
95													95
99	62.8	228.0	36,800										99
100	62.4	227.4	36,500										100
105	60.2	224.7	35,100										105
110	58.0	221.7	33,500										110
115	55.7	218.5	31,600										115
118	54.3	216.3	30,600	57.7	218.8	28,700							118
120	53.4	214.9	29,900	56.8	217.5	28,000							120
125	50.9	211.0	28,300	54.5	214.1	26,500							125
130	48.4	206.8	26,900	52.1	210.4	25,200							130
135	45.8	202.1	25,500	49.7	206.3	23,900							135
136	45.3	201.1	25,300	49.1	205.4	23,700	52.7	208.1	22,100				136
140	43.1	197.0	24,300	47.1	201.9	22,700	50.7	204.9	21,200				140
145	40.2	191.4	23,100	44.4	197.0	21,600	48.2	200.7	20,200				145
150	37.2	185.2	22,100	41.6	191.7	20,600	45.6	196.0	19,200				150
153	35.2	181.0	21,500	39.9	188.1	20,100	44.0	192.9	18,700	47.7	195.9	17,400	153
155	33.9	178.2	21,100	38.7	185.7	19,700	42.9	190.9	18,300	46.6	194.0	17,000	155
160	30.3	170.2	20,100	35.5	179.1	18,800	40.0	185.2	17,500	43.9	189.0	16,200	160
165	26.3	160.9	19,300	32.1	171.6	18,000	36.9	178.9	16,700	41.1	183.6	15,500	165
168	23.4	154.1	18,800	29.8	166.5	17,500	34.9	174.7	16,300	39.3	180.0	15,100	168
170	21.5	149.6	18,400	28.3	163.0	17,200	33.6	171.8	16,000	38.1	177.5	14,800	170
172	19.1	143.6	18,100	26.5	159.0	16,900	32.2	168.6	15,700	36.8	174.8	14,500	172
175	15.5	134.7	17,600	23.9	152.8	16,400	30.0	163.8	15,300	34.9	170.8	14,100	175
180	4.5	106.4	16,800	18.7	140.0	15,700	25.9	154.3	14,600	31.4	163.1	13,500	180
185				11.3	121.3	15,000	21.1	142.8	14,000	27.5	154.3	12,900	185
187				6.3	108.4	14,800	18.7	136.7	13,700	25.7	150.0	12,700	187
190							15.0	127.5	13,400	23.0	143.7	12,400	190
195							1.8	93.5	12,700	17.5	130.1	11,800	195
200										9.3	109.1	11,300	200
201										6.5	101.8	11,100	201

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



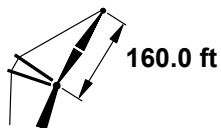
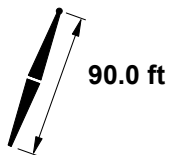
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
49	76.0	253.3	42,300 b							49
50	75.7	253.1	42,100 b							50
55	73.8	251.7	41,200							55
60	71.9	250.2	40,000							60
65	70.0	248.4	38,200							65
70	68.1	246.5	36,600							70
71	67.7	246.1	36,200	70.7	248.3	38,900				71
75	66.2	244.4	34,900	69.2	246.8	37,600				75
80	64.2	242.1	33,300	67.3	244.8	35,900				80
83	63.0	240.6	32,400	66.1	243.5	35,000	67.9	244.7	36,300	83
85	62.2	239.6	31,800	65.3	242.6	34,400	67.1	243.9	35,700	85
90	60.2	236.8	30,300	63.3	240.2	32,800	65.2	241.7	34,200	90
95	58.1	233.9	28,800	61.3	237.6	31,300	63.2	239.2	32,700	95
100	55.9	230.6	27,500	59.3	234.8	29,900	61.2	236.6	31,200	100
104	54.2	227.8	26,400	57.6	232.3	28,800	59.5	234.3	30,100	104
105	53.8	227.1	26,100	57.2	231.7	28,500	59.1	233.7	29,800	105
110	51.5	223.3	24,900	55.0	228.3	27,100	57.0	230.6	28,400	110
115	49.2	219.1	23,700	52.8	224.6	25,800	54.8	227.2	27,000	115
120	46.8	214.6	22,500	50.5	220.7	24,500	52.6	223.6	25,800	120
123	45.3	211.7	21,800	49.1	218.1	23,800	51.2	221.2	25,100	123
125	44.3	209.7	21,400	48.1	216.4	23,400	50.3	219.6	24,600	125
130	41.6	204.3	20,400	45.7	211.7	22,200	48.0	215.2	23,400	130
135	38.9	198.4	19,400	43.1	206.6	21,200	45.5	210.5	22,200	135
140	35.9	191.9	18,500	40.4	201.0	20,100	42.9	205.4	21,200	140
142	34.6	188.9	18,100	39.3	198.5	19,700	41.9	203.1	20,800	142
145	32.7	184.5	17,600	37.6	194.8	19,100	40.2	199.8	20,100	145
150	29.2	176.2	16,800	34.5	188.0	18,200	37.4	193.5	19,200	150
155	25.3	166.5	16,000	31.2	180.2	17,400	34.3	186.6	18,200	155
159	21.7	157.1	15,400	28.3	173.1	16,700	31.7	180.4	17,600	159
160	20.8	154.8	15,200	27.6	171.4	16,600	31.0	178.8	17,400	160
165	14.9	139.2	14,300	23.4	160.9	15,800	27.3	169.9	16,600	165
170	4.0	109.2	13,500	18.4	147.8	14,900	23.1	159.2	15,800	170
175				11.5	129.1	14,000	18.0	145.9	14,900	175
178				2.9	105.3	13,500	13.7	134.2	14,300	178
180							10.8	126.5	13,900	180
182							5.9	112.8	13,700	182
185										185
190										190
195										195
197										197
200										200
205										205
210										210
211										211

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



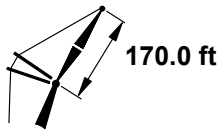
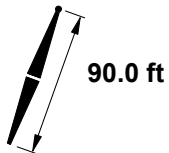
	75°			70°			65°			60°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
49													49
50													50
55													55
60													60
65													65
70													70
71													71
75													75
80													80
83													83
85													85
90													90
95													95
100													100
104	62.6	236.6	31,900										104
105	62.2	236.1	31,600										105
110	60.2	233.4	30,300										110
115	58.1	230.4	29,000										115
120	56.0	227.1	27,700										120
123	54.7	225.0	26,900	57.9	227.5	26,800							123
125	53.8	223.6	26,400	57.0	226.2	26,200							125
130	51.5	219.8	25,200	54.9	222.8	24,800							130
135	49.2	215.7	24,000	52.6	219.2	23,600							135
140	46.8	211.2	22,900	50.4	215.2	22,400							140
142	45.8	209.2	22,400	49.4	213.4	22,000	52.7	216.1	20,400				142
145	44.3	206.3	21,800	48.0	210.9	21,300	51.4	213.8	19,800				145
150	41.7	200.9	20,700	45.5	206.2	20,300	49.0	209.6	18,900				150
155	38.9	195.0	19,700	43.0	201.0	19,400	46.6	205.1	18,000				155
159	36.5	189.8	19,000	40.8	196.5	18,700	44.6	201.1	17,300	48.0	203.9	16,000	159
160	35.9	188.5	18,800	40.3	195.4	18,500	44.1	200.1	17,200	47.5	203.0	15,900	160
165	32.8	181.1	17,900	37.4	189.2	17,700	41.5	194.7	16,400	45.0	198.2	15,200	165
170	29.3	172.8	17,100	34.4	182.3	16,900	38.7	188.8	15,700	42.5	193.0	14,500	170
175	25.4	163.2	16,300	31.0	174.5	16,200	35.7	182.2	15,000	39.7	187.3	13,800	175
178	22.7	156.1	15,800	28.8	169.1	15,800	33.8	177.7	14,600	38.0	183.5	13,400	178
180	20.8	151.5	15,500	27.4	165.5	15,500	32.5	174.8	14,300	36.8	180.9	13,200	180
182	18.5	145.3	15,100	25.7	161.3	15,200	31.1	171.4	14,100	35.6	178.1	13,000	182
185	15.0	136.0	14,400	23.2	154.9	14,800	29.0	166.4	13,700	33.7	173.9	12,600	185
190	4.4	106.8	13,700	18.1	141.6	14,200	25.1	156.6	13,100	30.4	165.9	12,100	190
195				10.9	122.3	13,600	20.4	144.7	12,500	26.6	156.7	11,500	195
197				6.1	108.9	13,300	18.1	138.3	12,300	24.9	152.3	11,300	197
200							14.5	128.8	12,000	22.3	145.7	11,000	200
205							1.8	93.7	11,400	17.0	131.6	10,500	205
210										9.0	109.9	10,000	210
211										6.2	102.4	9,900	211

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



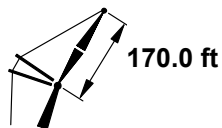
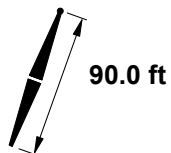
	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
52	75.8	262.9	38,900							52
55	74.8	262.1	38,400							55
60	73.0	260.7	36,900							60
65	71.3	259.0	35,300							65
70	69.5	257.3	33,600							70
74	68.0	255.7	32,400	70.8	257.8	34,900				74
75	67.7	255.3	32,100	70.5	257.5	34,600				75
80	65.8	253.1	30,600	68.7	255.6	33,100				80
85	64.0	250.8	29,100	66.9	253.6	31,600				85
87	63.2	249.8	28,500	66.1	252.7	31,000	67.8	253.9	32,200	87
90	62.1	248.3	27,700	65.0	251.3	30,100	66.7	252.6	31,300	90
95	60.2	245.5	26,300	63.1	248.9	28,600	64.9	250.4	29,900	95
100	58.2	242.5	25,000	61.2	246.3	27,300	63.0	247.9	28,600	100
105	56.2	239.3	23,800	59.3	243.4	25,900	61.1	245.3	27,200	105
108	55.0	237.2	23,000	58.1	241.6	25,200	59.9	243.5	26,400	108
110	54.1	235.8	22,600	57.3	240.3	24,600	59.2	242.4	25,800	110
115	52.0	232.1	21,400	55.3	237.0	23,400	57.2	239.3	24,600	115
120	49.9	228.0	20,300	53.2	233.4	22,200	55.1	235.9	23,400	120
125	47.6	223.6	19,200	51.1	229.5	21,100	53.1	232.3	22,200	125
128	46.2	220.8	18,600	49.8	227.0	20,400	51.8	230.0	21,500	128
130	45.3	218.9	18,200	48.9	225.3	20,000	50.9	228.4	21,100	130
135	42.9	213.7	17,300	46.6	220.8	19,000	48.7	224.2	20,000	135
140	40.3	208.1	16,400	44.2	215.8	17,900	46.4	219.6	18,900	140
145	37.6	201.9	15,500	41.8	210.5	17,000	44.1	214.7	18,000	145
148	35.9	197.8	15,000	40.2	207.0	16,500	42.6	211.4	17,400	148
150	34.8	195.1	14,700	39.2	204.6	16,100	41.6	209.3	17,000	150
155	31.7	187.4	13,900	36.4	198.2	15,300	39.0	203.4	16,100	155
160	28.4	178.8	12,900	33.5	191.0	14,400	36.2	196.9	15,200	160
165	24.6	168.7	12,000	30.3	183.0	13,500	33.3	189.7	14,400	165
166	23.7	166.3	11,800	29.6	181.1	13,300	32.6	188.0	14,200	166
170	20.1	156.6	11,200	26.8	173.8	12,600	30.1	181.5	13,500	170
175	14.5	140.5	10,400	22.7	162.9	11,700	26.5	172.2	12,600	175
180	3.9	109.6	9,700	17.9	149.4	10,800	22.4	161.3	11,700	180
185				11.1	130.1	10,000	17.5	147.5	10,800	185
188				2.8	105.5	9,700	13.3	135.4	10,400	188
190							10.5	127.4	10,100	190
192							5.7	113.3	9,800	192
195										195
200										200
207										207
210										210
215										215
220										220
221										221

MLC250 S-1

ASME B30.5



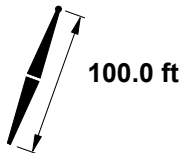
149,600 lb
+
0 lb



	75°			70°			65°			60°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
52													52
55													55
60													60
65													65
70													70
74													74
75													75
80													80
85													85
87													87
90													90
95													95
100													100
105													105
108	62.9	245.8	28,100										108
110	62.1	244.8	27,600										110
115	60.2	242.0	26,400										115
120	58.2	239.1	25,100										120
125	56.2	235.8	23,900										125
128	55.0	233.7	23,200	58.0	236.1	24,700							128
130	54.2	232.4	22,800	57.2	234.9	24,200							130
135	52.1	228.6	21,700	55.2	231.5	23,100							135
140	49.9	224.5	20,600	53.1	227.9	22,000							140
145	47.6	220.2	19,500	51.0	224.0	21,000							145
148	46.2	217.3	18,900	49.6	221.5	20,300	52.7	224.1	19,000				148
150	45.3	215.4	18,500	48.7	219.8	19,900	51.9	222.6	18,600				150
155	42.9	210.3	17,600	46.5	215.2	18,900	49.7	218.5	17,800				155
160	40.4	204.6	16,600	44.1	210.3	18,000	47.5	214.1	16,900				160
165	37.7	198.5	15,700	41.6	204.9	17,100	45.1	209.3	16,200				165
166	37.1	197.1	15,600	41.1	203.7	16,900	44.6	208.3	16,000	47.9	211.1	14,800	166
170	34.8	191.6	15,000	39.0	199.0	16,200	42.7	204.1	15,400	46.0	207.3	14,200	170
175	31.8	184.0	14,100	36.3	192.5	15,300	40.2	198.4	14,800	43.6	202.3	13,600	175
180	28.4	175.4	13,100	33.3	185.3	14,500	37.5	192.2	14,100	41.1	196.8	13,000	180
185	24.6	165.4	12,200	30.1	177.2	13,600	34.6	185.3	13,500	38.5	190.8	12,400	185
188	22.0	158.1	11,700	28.0	171.6	13,000	32.8	180.7	13,100	36.8	186.9	12,100	188
190	20.2	153.3	11,300	26.5	167.9	12,700	31.5	177.7	12,900	35.7	184.2	11,800	190
192	18.0	146.9	10,900	24.9	163.5	12,300	30.2	174.2	12,700	34.5	181.3	11,600	192
195	14.6	137.3	10,500	22.5	156.9	11,800	28.1	168.9	12,400	32.7	176.9	11,300	195
200	4.3	107.1	9,800	17.5	143.2	10,900	24.3	158.8	11,800	29.4	168.6	10,800	200
207				5.9	109.4	9,800	17.1	138.7	10,900	24.0	153.9	10,200	207
210							14.0	130.0	10,500	21.6	147.6	9,900	210
215							1.7	93.8	9,800	16.4	133.1	9,400	215
220										8.7	110.7	9,000	220
221										6.1	102.9	8,900	221

MLC250 S-1

ASME B30.5



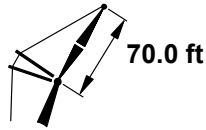
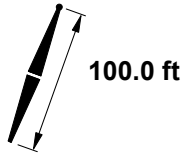
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
28	75.7	175.9	111,900 d							28
30	74.0	175.3	111,800 d							30
35	69.7	173.7	111,700 d							35
40	65.3	171.6	107,600 c							40
43	62.5	170.1	104,400 c	70.3	173.1	115,700 c				43
45	60.7	169.1	102,400 c	68.6	172.3	113,300 c				45
50	55.9	166.0	97,800 b	64.1	170.1	102,600 b				50
51	54.9	165.3	97,000 b	63.2	169.6	100,200 b	67.8	171.1	96,800 c	51
55	50.8	162.3	93,800 b	59.5	167.5	90,700 b	64.2	169.3	87,800 b	55
60	45.3	157.8	85,400 b	54.6	164.2	81,100 b	59.6	166.7	78,500 b	60
65	39.2	152.3	77,100	49.4	160.3	73,300	54.7	163.4	71,000 b	65
70	32.2	145.3	70,200	43.7	155.6	66,700	49.6	159.5	64,600	70
75	23.4	135.8	63,300	37.4	149.7	61,200	43.9	154.8	59,200	75
79	11.3	121.7	50,700	31.5	143.7	57,300	38.9	150.2	55,500	79
80	8.3	118.2	47,600	30.1	142.2	56,400	37.7	149.0	54,600	80
85				20.5	131.6	52,200	30.3	141.6	50,600	85
89				6.3	114.8	49,100	22.7	133.3	47,700	89
90							20.8	131.2	47,000	90
92							14.1	123.2	45,600	92
94							7.4	115.3	44,300	94
95										95
100										100
103										103
104										104
105										105
110										110
111										111
115										115
119										119
120										120
125										125
126										126

MLC250 S-1

ASME B30.5



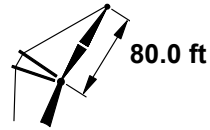
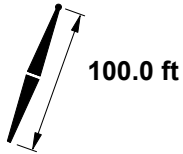
149,600 lb
+
0 lb



	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
28													28
30													30
35													35
40													40
43													43
45													45
50													50
51													51
55													55
60													60
65	62.9	166.5	67,100 b										65
70	58.1	163.7	61,100 b										70
75	53.2	160.2	56,000 b										75
79	48.9	156.9	52,500 b	57.4	160.4	49,500 b							79
80	47.9	156.1	51,600	56.5	159.7	48,700 b							80
85	42.1	151.1	47,800	51.4	156.1	45,100							85
89	36.9	146.1	45,200	47.0	152.6	42,600							89
90	35.6	144.9	44,500	45.9	151.7	42,000							90
92	32.4	141.7	43,300	43.5	149.5	40,800	52.4	153.3	38,400				92
94	29.3	138.4	42,100	41.1	147.4	39,700	50.3	151.7	37,300				94
95	27.8	136.8	41,500	39.9	146.3	39,200	49.2	150.9	36,800				95
100	17.0	124.7	38,800	33.0	139.5	36,700	43.6	146.1	34,500				100
103	2.3	107.0	37,200	27.9	134.1	35,300	39.8	142.6	33,200				103
104				26.2	132.3	34,800	38.5	141.4	32,800	47.8	145.5	30,700	104
105				24.5	130.4	34,400	37.3	140.3	32,400	46.7	144.6	30,400	105
110				11.1	114.9	32,200	29.9	132.7	30,400	40.7	139.3	28,600	110
111				5.5	108.0	31,800	27.9	130.6	30,100	39.4	138.0	28,200	111
115							20.2	122.0	28,600	34.0	132.8	26,900	115
119							5.3	104.4	27,200	27.4	125.8	25,700	119
120										25.8	124.1	25,400	120
125										13.6	110.1	23,900	125
126										9.4	105.1	23,600	126

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ASME B30.5



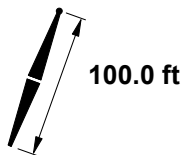
	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
31	75.3	185.4	102,400 d							31
35	72.4	184.3	102,100 d							35
40	68.6	182.5	99,300 c							40
45	64.6	180.3	94,500 c							45
46	63.8	179.8	93,600 c	70.6	182.6	103,400 c				46
50	60.6	177.8	90,100 b	67.5	181.1	99,500 b				50
55	56.4	174.7	86,200 b	63.6	178.8	90,400 b	67.7	180.3	87,500 b	55
60	52.0	171.1	82,600 b	59.5	176.1	80,900 b	63.7	178.0	78,200 b	60
65	47.3	166.8	77,000	55.3	172.9	73,000	59.7	175.3	70,700 b	65
70	42.2	161.8	70,100	50.8	169.1	66,500	55.4	172.1	64,400	70
75	36.6	155.7	64,300	46.0	164.7	61,000	50.9	168.4	59,000	75
80	30.0	148.1	59,300	40.8	159.4	56,200	46.2	164.0	54,400	80
84	23.5	139.9	55,800	36.1	154.3	52,900	42.0	159.8	51,200	84
85	21.8	137.8	54,900	34.9	153.0	52,100	41.0	158.7	50,400	85
90	7.8	118.9	42,000	28.1	144.8	48,400	35.1	152.3	46,900	90
95				19.1	133.4	45,200	28.3	144.2	43,700	95
98				9.2	119.9	43,300	23.0	137.5	42,100	98
99				5.9	115.4	42,700	21.3	135.2	41,500	99
100							19.5	133.0	40,900	100
104							6.9	115.9	38,800	104
105										105
110										110
111										111
113										113
115										115
120										120
121										121
125										125
129										129
130										130
135										135
136										136

MLC250 S-1

ASME B30.5



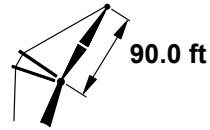
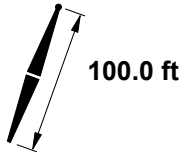
149,600 lb
+
0 lb



	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
31													31
35													35
40													40
45													45
46													46
50													50
55													55
60													60
65													65
70	62.5	175.2	60,800 b										70
75	58.4	172.3	55,700										75
80	54.1	169.0	51,300										80
84	50.4	165.8	48,300	57.8	169.0	45,400							84
85	49.5	165.0	47,600	56.9	168.4	44,800							85
90	44.6	160.4	44,200	52.5	164.9	41,600							90
95	39.3	154.8	41,300	47.9	160.7	38,900							95
98	35.6	150.7	39,700	44.8	157.7	37,400	52.5	161.3	35,000				98
99	34.4	149.4	39,200	43.8	156.7	36,900	51.6	160.5	34,600				99
100	33.2	148.0	38,700	42.8	155.8	36,400	50.7	159.8	34,100				100
104	27.4	140.9	36,800	38.4	151.0	34,600	46.8	156.2	32,500				104
105	25.9	139.2	36,300	37.3	149.8	34,200	45.9	155.3	32,000				105
110	15.9	126.1	34,100	30.9	142.4	32,100	40.7	150.0	30,100				110
111	11.3	119.8	33,700	29.3	140.4	31,800	39.5	148.7	29,800	47.5	152.6	27,900	111
113	2.1	107.2	32,800	26.1	136.5	31,000	37.1	146.1	29,100	45.5	150.7	27,200	113
115				22.9	132.5	30,300	34.8	143.5	28,400	43.5	148.7	26,600	115
120				10.4	115.8	28,500	27.9	135.3	26,800	38.0	142.9	25,100	120
121				5.1	108.5	28,100	26.1	133.0	26,500	36.7	141.5	24,800	121
125							18.9	123.7	25,400	31.7	135.7	23,700	125
129							5.0	104.8	24,200	25.6	128.2	22,700	129
130										24.1	126.3	22,500	130
135										12.7	111.2	21,200	135
136										8.8	105.9	21,000	136

MLC250 S-1

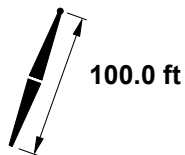
ASME B30.5



	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
33	75.7	195.3	92,700 d							33
35	74.4	194.7	92,500 d							35
40	71.0	193.2	89,500 c							40
45	67.6	191.3	85,200 c							45
49	64.8	189.5	82,100 c	70.8	192.2	90,200 c				49
50	64.1	189.0	81,300 b	70.1	191.8	89,400 b				50
55	60.5	186.4	77,700 b	66.7	189.8	85,400 b				55
59	57.6	184.0	75,000 b	63.9	188.0	81,600 b	67.5	189.4	79,700 b	59
60	56.8	183.4	74,400 b	63.2	187.5	80,700 b	66.8	189.0	78,100 b	60
65	52.9	179.9	71,400	59.6	184.8	72,900	63.3	186.7	70,500 b	65
70	48.8	175.8	68,600	55.8	181.6	66,400	59.7	184.0	64,200	70
74	45.3	172.0	65,100	52.7	178.7	62,000	56.7	181.5	59,900	74
75	44.4	171.1	64,200	51.9	178.0	60,900	55.9	180.8	58,800	75
80	39.7	165.5	59,200	47.7	173.7	56,100	52.0	177.2	54,300	80
85	34.4	158.9	54,900	43.2	168.8	52,000	47.8	173.0	50,300	85
89	29.5	152.3	51,800	39.3	164.2	49,100	44.3	169.1	47,500	89
90	28.3	150.7	51,100	38.4	163.0	48,400	43.4	168.1	46,800	90
95	20.6	139.7	47,700	32.9	156.0	45,200	38.5	162.3	43,700	95
100	7.4	119.6	37,500	26.5	147.3	42,300	33.1	155.4	40,900	100
104				19.7	137.5	40,300	28.0	148.4	38,900	104
105				18.0	135.0	39,700	26.7	146.7	38,400	105
109				5.5	115.9	37,700	20.0	137.0	36,600	109
110							18.4	134.6	36,200	110
114							6.5	116.5	34,400	114
115										115
118										118
120										120
123										123
125										125
130										130
131										131
135										135
139										139
140										140
145										145
146										146

MLC250 S-1

ASME B30.5



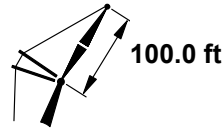
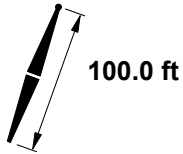
	75°			70°			65°			60°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
33													33
35													35
40													40
45													45
49													49
50													50
55													55
59													59
60													60
65													65
70													70
74	62.9	184.3	56,400										74
75	62.2	183.8	55,500										75
80	58.6	181.0	51,100										80
85	54.8	177.7	47,400										85
89	51.6	174.7	44,700	58.0	177.7	42,000							89
90	50.8	173.9	44,100	57.3	177.1	41,400							90
95	46.5	169.5	41,200	53.4	173.6	38,700							95
100	41.9	164.4	38,600	49.3	169.6	36,200							100
104	37.9	159.5	36,700	45.8	165.9	34,400	52.6	169.3	32,200				104
105	36.9	158.3	36,200	45.0	165.0	34,000	51.8	168.6	31,800				105
109	32.4	152.4	34,500	41.2	160.6	32,400	48.4	165.2	30,300				109
110	31.3	150.9	34,100	40.3	159.5	32,000	47.6	164.3	30,000				110
114	25.8	143.3	32,500	36.1	154.4	30,600	44.0	160.4	28,600				114
115	24.4	141.4	32,200	35.0	153.1	30,200	43.1	159.4	28,300				115
118	18.8	133.0	31,100	31.4	148.3	29,200	40.2	155.9	27,300	47.3	159.8	25,500	118
120	15.0	127.4	30,400	29.0	145.1	28,500	38.2	153.6	26,700	45.5	157.9	24,900	120
123	2.0	107.4	29,200	24.6	138.7	27,600	34.9	149.3	25,900	42.7	154.7	24,100	123
125				21.6	134.5	27,000	32.7	146.5	25,300	40.9	152.6	23,600	125
130				9.8	116.7	25,500	26.3	137.7	24,000	35.7	146.2	22,300	130
131				4.8	108.9	25,200	24.6	135.2	23,700	34.6	144.7	22,100	131
135							17.8	125.4	22,700	29.9	138.5	21,200	135
139							4.7	105.2	21,700	24.1	130.4	20,300	139
140										22.7	128.3	20,100	140
145										11.9	112.3	19,100	145
146										8.3	106.7	18,800	146

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



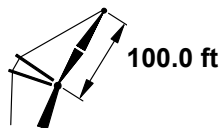
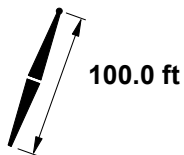
	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
35	76.0	205.1	83,900 d							35
40	73.0	203.7	81,700 c							40
45	70.0	202.0	77,700 c							45
50	66.9	200.0	74,000 b							50
52	65.6	199.1	72,600 b	71.0	201.7	79,700 b				52
55	63.7	197.7	70,600 b	69.2	200.6	77,600 b				55
60	60.5	195.1	67,400	66.1	198.6	74,100				60
62	59.2	193.9	66,200	64.8	197.6	72,800	68.0	199.0	74,500 b	62
65	57.1	192.0	64,500	62.9	196.2	70,800	66.2	197.7	70,200	65
70	53.7	188.6	61,700	59.6	193.4	66,100	63.0	195.4	63,900	70
75	50.0	184.7	59,200	56.2	190.3	60,600	59.7	192.6	58,500	75
79	46.9	181.1	57,300	53.4	187.4	56,800	57.0	190.1	54,900	79
80	46.2	180.2	56,800	52.7	186.7	55,900	56.3	189.5	54,000	80
85	42.1	175.0	54,700	49.0	182.7	51,800	52.8	186.0	50,000	85
90	37.6	169.0	50,900	45.1	178.0	48,200	49.1	181.9	46,500	90
95	32.6	161.9	47,600	40.9	172.6	45,000	45.2	177.3	43,400	95
100	26.8	153.1	44,600	36.3	166.4	42,100	41.1	171.9	40,700	100
105	19.5	141.4	41,900	31.2	158.9	39,600	36.5	165.7	38,200	105
110	7.0	120.2	33,200	25.1	149.5	37,300	31.3	158.3	36,000	110
115				17.1	136.6	35,200	25.3	149.0	34,000	115
119				5.3	116.3	33,500	19.0	138.7	32,500	119
120							17.4	136.2	32,100	120
124							6.2	117.0	30,600	124
125										125
130										130
133										133
135										135
140										140
141										141
145										145
149										149
150										150
155										155
156										156

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



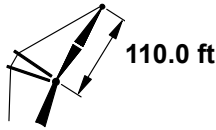
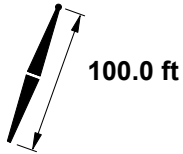
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
35													35
40													40
45													45
50													50
52													52
55													55
60													60
62													62
65													65
70													70
75													75
79	62.7	193.0	51,600										79
80	62.0	192.5	50,800										80
85	58.7	189.6	47,000										85
90	55.3	186.4	43,800										90
95	51.7	182.7	40,800	57.5	185.8	38,300							95
100	48.0	178.5	38,300	54.1	182.4	35,900							100
105	44.0	173.7	35,900	50.4	178.5	33,700							105
110	39.7	168.1	33,800	46.6	174.1	31,700	52.6	177.3	29,600				110
115	35.0	161.5	31,900	42.5	169.0	29,900	48.9	173.3	27,900				115
119	30.7	155.2	30,500	39.0	164.3	28,600	45.8	169.5	26,700				119
120	29.6	153.6	30,200	38.1	163.1	28,300	45.0	168.6	26,400				120
124	24.4	145.5	28,900	34.2	157.5	27,100	41.6	164.3	25,200	47.9	167.9	23,500	124
125	23.2	143.5	28,600	33.2	156.1	26,800	40.8	163.2	25,000	47.1	166.9	23,200	125
130	14.2	128.7	27,100	27.5	147.6	25,400	36.2	156.9	23,700	43.1	162.0	22,000	130
133	1.9	107.5	26,100	23.3	140.9	24,600	33.1	152.4	22,900	40.4	158.5	21,300	133
135				20.5	136.4	24,100	31.0	149.4	22,500	38.7	156.2	20,900	135
140				9.3	117.6	22,800	24.9	140.0	21,300	33.9	149.4	19,800	140
141				4.6	109.3	22,500	23.3	137.4	21,100	32.7	147.7	19,600	141
145							16.9	126.9	20,300	28.3	141.1	18,800	145
149							4.5	105.6	19,400	22.8	132.4	18,100	149
150										21.5	130.3	17,900	150
155										11.3	113.3	17,000	155
156										7.9	107.4	16,800	156

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



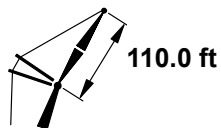
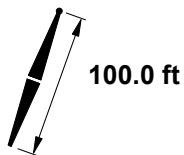
	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
38	75.7	214.6	76,800 c							38
40	74.6	214.1	75,700 c							40
45	71.9	212.6	72,700 c							45
50	69.1	210.8	69,700 b							50
55	66.3	208.7	67,000 b							55
56	65.7	208.3	66,500 b	70.6	210.9	72,000 b				56
60	63.4	206.4	64,400 b	68.4	209.4	69,800				60
65	60.4	203.7	61,900	65.5	207.3	67,300				65
66	59.8	203.1	61,400	64.9	206.8	66,800	67.9	208.2	68,700	66
70	57.4	200.7	59,500	62.6	204.8	64,800	65.6	206.5	63,800	70
75	54.3	197.3	57,200	59.7	202.1	60,500	62.7	204.0	58,500	75
80	51.0	193.5	54,900	56.6	199.0	55,800	59.8	201.3	53,900	80
83	48.9	190.9	53,700	54.7	196.9	53,400	57.9	199.4	51,500	83
85	47.5	189.2	52,800	53.4	195.5	51,700	56.7	198.2	49,900	85
90	43.9	184.3	50,800	50.1	191.5	48,100	53.5	194.7	46,500	90
95	40.0	178.8	47,600	46.6	187.1	45,000	50.2	190.8	43,400	95
100	35.8	172.3	44,600	42.9	182.0	42,200	46.7	186.4	40,700	100
105	31.0	164.7	41,900	38.9	176.3	39,600	43.0	181.3	38,200	105
110	25.5	155.5	39,500	34.6	169.6	37,300	39.1	175.6	36,000	110
115	18.6	143.1	35,800	29.7	161.6	35,300	34.7	168.9	34,000	115
116	16.2	138.6	34,200	28.5	159.6	34,900	33.7	167.3	33,600	116
120	6.6	120.8	27,600	23.9	151.7	33,400	29.8	161.0	32,200	120
125				16.3	138.0	31,600	24.1	151.2	30,500	125
129				5.0	116.8	29,000	18.1	140.4	29,200	129
130							16.6	137.7	28,900	130
131							13.9	132.7	28,600	131
134							5.9	117.6	27,700	134
135										135
140										140
143										143
145										145
150										150
151										151
155										155
159										159
160										160
165										165
166										166

MLC250 S-1

ASME B30.5



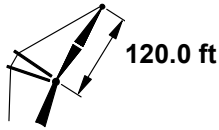
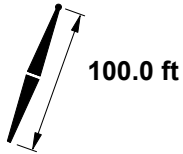
149,600 lb
+
0 lb



	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
38													38
40													40
45													45
50													50
55													55
56													56
60													60
65													65
66													66
70													70
75													75
80													80
83	63.0	202.2	48,400										83
85	61.8	201.2	47,000										85
90	58.8	198.3	43,700										90
95	55.7	195.1	40,800										95
100	52.5	191.5	38,200	57.8	194.4	35,800							100
105	49.2	187.4	35,900	54.6	191.1	33,600							105
110	45.6	182.8	33,800	51.4	187.3	31,700							110
115	41.8	177.6	31,900	47.9	183.1	29,900							115
116	41.0	176.4	31,600	47.2	182.1	29,600	52.7	185.3	27,600				116
120	37.8	171.6	30,200	44.3	178.3	28,300	50.0	182.1	26,400				120
125	33.3	164.6	28,600	40.5	172.8	26,800	46.5	177.7	25,000				125
129	29.2	157.9	27,500	37.1	167.7	25,700	43.6	173.6	23,900				129
130	28.2	156.2	27,200	36.3	166.5	25,400	42.8	172.6	23,700				130
131	27.0	154.0	26,900	35.3	165.0	25,100	42.0	171.5	23,400	47.7	175.0	21,800	131
134	23.3	147.6	26,100	32.5	160.5	24,400	39.6	168.0	22,700	45.5	172.1	21,100	134
135	22.1	145.5	25,800	31.6	159.0	24,100	38.8	166.8	22,500	44.8	171.2	20,900	135
140	13.5	129.9	24,500	26.2	150.0	22,900	34.5	160.1	21,400	41.0	165.8	19,800	140
143	1.8	107.7	23,700	22.2	142.9	22,300	31.5	155.3	20,700	38.5	162.1	19,300	143
145				19.5	138.1	21,800	29.5	152.1	20,300	36.8	159.6	18,900	145
150				8.9	118.4	20,700	23.7	142.1	19,400	32.2	152.3	18,000	150
151				4.4	109.7	20,500	22.2	139.4	19,200	31.2	150.6	17,800	151
155							16.1	128.3	18,400	27.0	143.5	17,100	155
159							4.2	106.0	17,700	21.8	134.4	16,500	159
160										20.5	132.1	16,300	160
165										10.8	114.3	15,500	165
166										7.5	108.1	15,300	166

MLC250 S-1

ASME B30.5



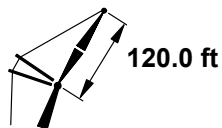
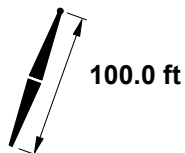
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
40	75.9	224.4	70,000 c							40
45	73.4	223.1	67,400 b							45
50	70.9	221.4	64,600 b							50
55	68.4	219.6	61,900							55
59	66.3	217.9	59,800	70.7	220.5	64,900				59
60	65.8	217.5	59,300	70.2	220.1	64,400				60
65	63.1	215.1	57,000	67.7	218.2	62,000				65
70	60.4	212.4	54,700	65.1	216.0	59,600	67.8	217.3	61,900	70
75	57.6	209.4	52,500	62.4	213.5	57,300	65.2	215.2	58,200	75
80	54.8	206.0	50,400	59.7	210.8	55,000	62.5	212.7	53,600	80
85	51.8	202.3	48,500	56.9	207.7	51,500	59.8	210.0	49,600	85
88	49.9	199.8	47,300	55.1	205.6	49,300	58.1	208.1	47,600	88
90	48.7	198.1	46,600	54.0	204.2	47,900	57.0	206.9	46,200	90
95	45.4	193.5	44,700	51.0	200.4	44,700	54.1	203.4	43,100	95
100	41.9	188.2	43,000	47.8	196.1	41,900	51.1	199.6	40,400	100
105	38.2	182.3	41,400	44.5	191.3	39,400	47.9	195.3	38,000	105
110	34.2	175.5	39,400	41.0	185.9	37,100	44.6	190.6	35,800	110
115	29.7	167.5	37,000	37.2	179.7	35,000	41.1	185.2	33,800	115
120	24.4	157.7	34,800	33.1	172.6	33,200	37.3	179.0	31,900	120
122	21.8	152.5	33,500	31.2	169.2	32,500	35.7	176.2	31,300	122
125	17.8	144.7	31,600	28.4	164.2	31,400	33.2	172.0	30,300	125
130	6.4	121.3	24,500	22.9	153.8	29,800	28.5	163.6	28,700	130
135				15.6	139.4	28,300	23.1	153.3	27,300	135
138				7.5	122.8	26,400	18.7	144.8	26,500	138
139				4.8	117.2	25,800	17.3	141.9	26,200	139
140							15.9	139.1	26,000	140
144							5.6	118.1	24,900	144
145										145
150										150
153										153
155										155
160										160
161										161
165										165
169										169
170										170
175										175
176										176

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



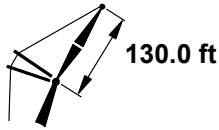
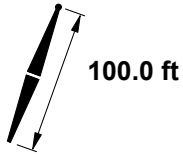
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
40													40
45													45
50													50
55													55
59													59
60													60
65													65
70													70
75													75
80													80
85													85
88	62.8	210.9	44,600										88
90	61.7	209.8	43,400										90
95	58.9	207.0	40,500										95
100	56.1	203.8	37,900										100
105	53.2	200.2	35,600	58.0	203.1	33,300							105
110	50.1	196.3	33,500	55.1	199.8	31,300							110
115	46.9	191.9	31,600	52.1	196.1	29,500							115
120	43.6	186.9	29,900	49.0	192.0	27,900							120
122	42.1	184.7	29,300	47.7	190.1	27,300	52.7	193.3	25,400				122
125	40.0	181.3	28,300	45.8	187.4	26,400	50.9	191.0	24,600				125
130	36.1	174.9	26,900	42.4	182.2	25,100	47.7	186.7	23,300				130
135	31.8	167.5	25,600	38.7	176.4	23,800	44.4	181.9	22,100				135
138	28.9	162.2	24,800	36.3	172.3	23,100	42.3	178.6	21,500	47.5	182.2	19,900	138
139	27.9	160.4	24,600	35.5	171.0	22,900	41.6	177.5	21,300	46.9	181.2	19,700	139
140	27.0	158.6	24,300	34.7	169.7	22,700	40.9	176.4	21,000	46.2	180.3	19,500	140
144	22.3	149.7	23,400	31.1	163.4	21,800	37.9	171.5	20,200	43.5	176.2	18,700	144
145	21.1	147.4	23,200	30.2	161.8	21,600	37.1	170.3	20,000	42.8	175.2	18,500	145
150	13.0	131.1	22,000	25.1	152.3	20,600	33.0	163.1	19,100	39.2	169.4	17,600	150
153	1.7	107.8	21,300	21.2	144.8	20,000	30.1	158.1	18,500	36.8	165.5	17,100	153
155				18.7	139.8	19,600	28.3	154.7	18,200	35.2	162.8	16,800	155
160				8.5	119.1	18,700	22.7	144.2	17,300	30.8	155.1	16,000	160
161				4.2	110.1	18,400	21.2	141.3	17,200	29.8	153.3	15,900	161
165							15.4	129.7	16,500	25.8	145.9	15,300	165
169							4.1	106.4	15,900	20.8	136.3	14,700	169
170										19.6	133.9	14,600	170
175										10.3	115.2	13,900	175
176										7.2	108.7	13,700	176

MLC250 S-1

ASME B30.5



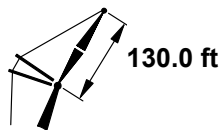
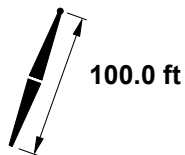
149,600 lb
+
0 lb



	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
43	75.6	234.0	52,400 b							43
45	74.7	233.5	51,900 b							45
50	72.4	232.0	50,800 b							50
55	70.1	230.3	49,800							55
60	67.7	228.4	48,700							60
62	66.8	227.5	48,300	70.9	230.0	50,800				62
65	65.3	226.2	47,800	69.5	228.9	50,300				65
70	62.9	223.8	46,800	67.1	226.9	49,500				70
74	60.9	221.6	45,500	65.2	225.1	48,800	67.7	226.5	49,500	74
75	60.4	221.1	45,200	64.7	224.7	48,700	67.2	226.1	49,300	75
80	57.8	218.1	43,400	62.2	222.2	47,100	64.8	223.9	48,700	80
85	55.2	214.7	41,700	59.7	219.4	45,200	62.3	221.4	47,100	85
90	52.4	211.1	40,000	57.1	216.3	43,400	59.8	218.6	45,300	90
92	51.3	209.5	39,400	56.1	215.0	42,800	58.8	217.4	44,400	92
95	49.6	207.0	38,500	54.5	212.9	41,800	57.2	215.6	42,900	95
100	46.6	202.6	37,000	51.7	209.2	40,100	54.5	212.2	40,200	100
105	43.5	197.6	35,600	48.8	205.0	38,600	51.8	208.4	37,800	105
110	40.2	192.0	34,300	45.8	200.4	36,900	48.9	204.3	35,600	110
111	39.5	190.7	34,000	45.2	199.4	36,500	48.3	203.4	35,200	111
115	36.7	185.7	33,100	42.7	195.3	34,900	45.9	199.7	33,600	115
120	32.8	178.5	31,900	39.3	189.5	33,000	42.8	194.6	31,800	120
125	28.5	170.1	30,900	35.7	183.0	31,300	39.4	188.8	30,100	125
128	25.5	163.9	30,300	33.3	178.5	30,300	37.3	184.9	29,200	128
130	23.5	159.8	29,900	31.7	175.5	29,700	35.8	182.3	28,600	130
135	17.1	146.2	28,300	27.2	166.7	28,200	31.9	174.9	27,200	135
140	6.1	121.9	22,000	22.0	155.8	26,900	27.4	166.1	25,900	140
144				16.4	143.8	25,900	23.2	157.4	24,900	144
145				15.0	140.8	25,600	22.1	155.3	24,600	145
149				4.6	117.6	23,300	16.6	143.4	23,700	149
150							15.3	140.5	23,500	150
154							5.4	118.6	22,600	154
155										155
160										160
163										163
165										165
170										170
171										171
175										175
179										179
180										180
185										185
186										186

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ASME B30.5



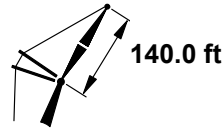
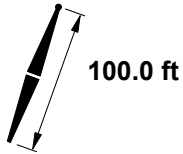
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
43													43
45													45
50													50
55													55
60													60
62													62
65													65
70													70
74													74
75													75
80													80
85													85
90													90
92	63.0	220.1	41,900										92
95	61.5	218.5	40,200										95
100	59.0	215.6	37,700										100
105	56.4	212.5	35,400										105
110	53.7	209.0	33,300										110
111	53.2	208.2	32,900	57.6	211.1	30,700							111
115	50.9	205.1	31,400	55.5	208.5	29,300							115
120	48.0	200.8	29,700	52.8	204.9	27,700							120
125	45.0	196.1	28,100	49.9	200.9	26,200							125
128	43.1	192.9	27,300	48.2	198.2	25,400	52.7	201.3	23,600				128
130	41.8	190.8	26,700	47.0	196.4	24,900	51.6	199.8	23,100				130
135	38.4	184.9	25,400	43.9	191.5	23,600	48.8	195.6	21,900				135
140	34.7	178.1	24,200	40.6	186.0	22,500	45.8	191.0	20,800				140
144	31.4	171.9	23,200	37.8	181.0	21,600	43.2	186.9	20,000	48.0	190.2	18,500	144
145	30.6	170.3	23,000	37.1	179.8	21,400	42.6	185.9	19,800	47.4	189.3	18,300	145
149	26.8	162.8	22,200	34.0	174.1	20,600	39.9	181.2	19,100	44.9	185.4	17,600	149
150	25.9	161.0	21,900	33.3	172.7	20,400	39.2	180.1	18,900	44.3	184.4	17,400	150
154	21.4	151.6	21,100	29.9	166.1	19,600	36.3	174.8	18,200	41.7	180.1	16,700	154
155	20.3	149.2	20,900	29.0	164.4	19,500	35.6	173.5	18,000	41.0	179.0	16,600	155
160	12.5	132.2	20,000	24.1	154.4	18,600	31.6	166.0	17,200	37.6	172.9	15,800	160
163	1.7	108.0	19,300	20.4	146.6	18,100	28.9	160.7	16,700	35.3	168.7	15,400	163
165				17.9	141.4	17,700	27.1	157.1	16,400	33.8	165.9	15,100	165
170				8.2	119.8	16,900	21.8	146.2	15,700	29.6	157.8	14,400	170
171				4.0	110.5	16,700	20.4	143.1	15,500	28.6	155.9	14,300	171
175							14.8	131.0	14,900	24.8	148.1	13,700	175
179							3.9	106.7	14,300	20.0	138.1	13,200	179
180										18.8	135.6	13,100	180
185										9.9	116.1	12,500	185
186										6.9	109.3	12,400	186

MLC250 S-1

ASME B30.5



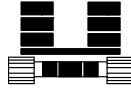
149,600 lb
+
0 lb



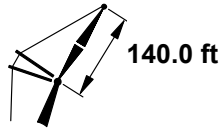
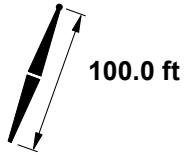
ft	88°			83°			80°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
45	75.8	243.8	48,800 b							45
50	73.7	242.4	47,700 b							50
55	71.6	240.9	46,700							55
60	69.4	239.1	45,900							60
65	67.2	237.1	45,000	71.0	239.5	47,000				65
70	65.0	234.9	43,200	68.8	237.7	46,200				70
75	62.7	232.4	41,400	66.6	235.7	44,900				75
77	61.7	231.3	40,700	65.7	234.7	44,200	68.0	236.1	45,700	77
80	60.4	229.7	39,700	64.4	233.4	43,200	66.7	234.8	44,800	80
85	58.0	226.7	38,000	62.1	230.9	41,400	64.4	232.6	43,100	85
90	55.5	223.4	36,400	59.7	228.1	39,700	62.1	230.1	41,500	90
95	53.0	219.9	34,900	57.3	225.0	38,000	59.8	227.3	39,800	95
97	52.0	218.3	34,300	56.3	223.7	37,400	58.8	226.1	39,200	97
100	50.4	215.9	33,500	54.9	221.7	36,500	57.4	224.2	38,200	100
105	47.7	211.6	32,100	52.3	218.0	35,000	54.9	220.9	36,600	105
110	44.9	206.8	30,800	49.7	213.9	33,500	52.4	217.2	35,100	110
115	41.9	201.5	29,500	46.9	209.5	32,100	49.8	213.2	33,300	115
116	41.2	200.3	29,300	46.4	208.5	31,800	49.2	212.3	32,900	116
120	38.7	195.6	28,400	44.1	204.6	30,800	47.0	208.7	31,500	120
125	35.3	188.9	27,200	41.1	199.1	29,600	44.2	203.8	29,800	125
130	31.6	181.4	26,200	37.8	193.0	28,400	41.2	198.4	28,300	130
134	28.3	174.3	25,400	35.0	187.5	27,500	38.6	193.6	27,200	134
135	27.4	172.5	25,200	34.4	186.2	27,300	37.9	192.3	26,900	135
140	22.6	161.8	24,300	30.5	178.3	26,200	34.5	185.5	25,600	140
145	16.5	147.7	23,700	26.2	169.1	25,300	30.7	177.7	24,400	145
150	5.9	122.4	19,600	21.1	157.7	24,200	26.4	168.5	23,300	150
151				19.8	154.5	24,000	25.4	166.2	23,100	151
155				14.4	142.1	23,100	21.3	157.2	22,200	155
159				4.4	118.0	20,800	16.0	144.9	21,400	159
160							14.7	141.8	21,200	160
164							5.2	119.0	20,400	164
165										165
170										170
173										173
175										175
180										180
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ASME B30.5



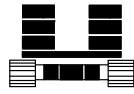
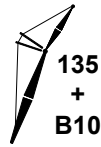
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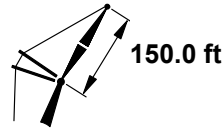
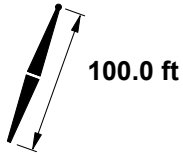
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	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
45													45
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55													55
60													60
65													65
70													70
75													75
77													77
80													80
85													85
90													90
95													95
97	62.8	228.7	38,800										97
100	61.4	227.2	37,300										100
105	59.1	224.3	35,000										105
110	56.7	221.2	33,000										110
115	54.2	217.7	31,100										115
116	53.7	216.9	30,800	57.8	219.8	28,600							116
120	51.6	213.9	29,400	55.8	217.2	27,400							120
125	49.0	209.8	27,800	53.3	213.6	25,900							125
130	46.2	205.2	26,400	50.7	209.7	24,500							130
134	43.9	201.2	25,400	48.5	206.3	23,500	52.8	209.3	21,800				134
135	43.3	200.2	25,100	48.0	205.4	23,300	52.3	208.6	21,500				135
140	40.2	194.5	23,900	45.2	200.7	22,100	49.6	204.5	20,500				140
145	36.9	188.3	22,700	42.2	195.5	21,100	46.9	200.1	19,500				145
150	33.4	181.2	21,700	39.1	189.6	20,100	44.0	195.1	18,500				150
151	32.6	179.5	21,500	38.4	188.3	19,900	43.4	194.0	18,400	47.8	197.4	16,900	151
155	29.4	173.0	20,700	35.7	183.1	19,200	41.0	189.7	17,700	45.5	193.6	16,200	155
159	25.8	165.2	19,900	32.8	177.1	18,500	38.4	184.8	17,000	43.2	189.5	15,600	159
160	24.9	163.2	19,800	32.0	175.6	18,300	37.8	183.6	16,900	42.6	188.4	15,500	160
164	20.6	153.4	19,100	28.8	168.7	17,600	35.0	178.1	16,200	40.1	183.8	14,900	164
165	19.5	151.0	18,900	27.9	167.0	17,500	34.3	176.7	16,100	39.5	182.7	14,700	165
170	12.0	133.3	18,000	23.2	156.5	16,700	30.4	168.8	15,400	36.2	176.2	14,100	170
173	1.6	108.1	17,500	19.6	148.4	16,200	27.8	163.2	15,000	34.0	171.8	13,700	173
175				17.3	143.0	16,000	26.1	159.5	14,700	32.5	168.9	13,400	175
180				7.9	120.5	15,200	21.0	148.0	14,000	28.5	160.4	12,800	180
181				3.9	110.8	15,000	19.6	144.9	13,900	27.6	158.4	12,700	181
185							14.2	132.3	13,400	23.8	150.3	12,200	185
189							3.8	107.0	12,800	19.3	139.8	11,800	189
190										18.1	137.2	11,700	190
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196										6.7	109.9	11,000	196

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ASME B30.5



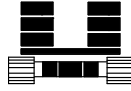
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+
0 lb



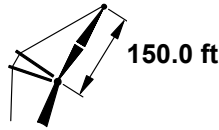
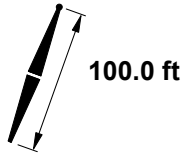
	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
47	76.0	253.6	45,300 b							47
50	74.8	252.8	44,700 b							50
55	72.8	251.4	43,800							55
60	70.8	249.7	43,000							60
65	68.8	247.9	41,700							65
69	67.1	246.2	40,300	70.7	248.7	43,300				69
70	66.7	245.8	39,900	70.3	248.4	43,100				70
75	64.6	243.6	38,200	68.3	246.5	41,400				75
80	62.5	241.1	36,600	66.2	244.4	39,800				80
81	62.1	240.5	36,300	65.8	243.9	39,400	67.9	245.3	40,900	81
85	60.3	238.4	35,000	64.1	242.1	38,100	66.3	243.6	39,700	85
90	58.1	235.4	33,500	61.9	239.5	36,500	64.1	241.3	38,100	90
95	55.8	232.1	32,000	59.7	236.7	35,000	62.0	238.7	36,500	95
100	53.5	228.6	30,600	57.5	233.7	33,400	59.8	235.9	35,000	100
102	52.5	227.0	30,000	56.6	232.3	32,800	58.9	234.7	34,400	102
105	51.1	224.7	29,200	55.2	230.4	32,000	57.6	232.9	33,500	105
110	48.6	220.5	28,000	52.9	226.7	30,500	55.3	229.6	32,000	110
115	46.0	215.9	26,700	50.4	222.8	29,200	52.9	226.0	30,700	115
120	43.3	210.8	25,600	47.9	218.4	27,900	50.5	222.0	29,400	120
121	42.7	209.7	25,300	47.4	217.5	27,600	50.0	221.1	29,100	121
125	40.4	205.2	24,400	45.3	213.7	26,700	48.0	217.7	28,100	125
130	37.3	199.0	23,400	42.5	208.5	25,500	45.4	213.0	26,900	130
135	34.1	192.1	22,400	39.6	202.8	24,400	42.6	207.8	25,700	135
140	30.5	184.1	21,500	36.5	196.4	23,300	39.7	202.1	24,500	140
145	26.5	174.9	20,600	33.2	189.2	22,400	36.6	195.7	23,500	145
150	21.8	163.8	19,800	29.5	181.0	21,400	33.3	188.6	22,500	150
155	15.9	149.1	19,100	25.3	171.3	20,600	29.6	180.4	21,600	155
158	9.8	133.4	18,200	22.4	164.2	20,200	27.1	174.6	21,000	158
160	5.7	122.9	17,700	20.4	159.5	19,800	25.5	170.8	20,700	160
165				13.9	143.3	19,200	20.6	159.0	19,900	165
169				4.3	118.4	18,800	15.5	146.3	19,400	169
170							14.2	143.1	19,300	170
174							5.0	119.5	18,700	174
175										175
180										180
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190										190
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ASME B30.5



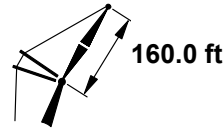
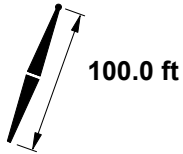
149,600 lb
+
0 lb



	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
47													47
50													50
55													55
60													60
65													65
69													69
70													70
75													75
80													80
81													81
85													85
90													90
95													95
100													100
102	62.6	237.4	36,300										102
105	61.3	235.8	34,900										105
110	59.1	233.0	32,900										110
115	56.9	229.8	31,000										115
120	54.6	226.4	29,300										120
121	54.1	225.7	29,000	57.9	228.5	27,000							121
125	52.2	222.7	27,800	56.1	225.9	25,800							125
130	49.7	218.7	26,300	53.8	222.4	24,400							130
135	47.2	214.2	25,000	51.4	218.5	23,200							135
140	44.5	209.4	23,800	48.9	214.4	22,100	52.8	217.3	20,400				140
145	41.7	204.0	22,700	46.3	209.8	21,000	50.4	213.4	19,400				145
150	38.8	198.1	21,600	43.6	204.8	20,000	47.8	209.0	18,500				150
155	35.6	191.5	20,600	40.7	199.2	19,100	45.2	204.3	17,600				155
158	33.6	187.1	20,100	38.9	195.6	18,600	43.5	201.2	17,100	47.7	204.5	15,700	158
160	32.2	184.1	19,700	37.7	193.1	18,200	42.4	199.1	16,800	46.6	202.7	15,400	160
165	28.4	175.5	18,900	34.5	186.3	17,400	39.5	193.3	16,000	43.9	197.7	14,700	165
169	24.9	167.4	18,200	31.6	180.0	16,800	37.0	188.2	15,500	41.7	193.3	14,100	169
170	24.1	165.4	18,000	30.9	178.5	16,700	36.4	186.9	15,300	41.1	192.3	14,000	170
174	19.9	155.2	17,400	27.8	171.2	16,100	33.7	181.2	14,800	38.7	187.4	13,500	174
175	18.9	152.7	17,300	27.0	169.4	15,900	33.1	179.7	14,600	38.1	186.2	13,400	175
180	11.6	134.3	16,500	22.4	158.5	15,300	29.4	171.5	14,000	34.9	179.4	12,800	180
183	1.6	108.3	16,000	19.0	150.1	14,900	26.9	165.7	13,600	32.8	174.8	12,400	183
185				16.7	144.5	14,600	25.2	161.8	13,400	31.4	171.8	12,200	185
190				7.6	121.2	13,900	20.3	149.9	12,800	27.5	162.9	11,700	190
191				3.7	111.1	13,800	19.0	146.6	12,700	26.6	160.8	11,600	191
195							13.8	133.5	12,200	23.0	152.3	11,100	195
199							3.6	107.4	11,800	18.6	141.5	10,700	199
200										17.5	138.8	10,600	200
205										9.3	117.8	10,100	205
206										6.5	110.5	10,000	206

MLC250 S-1

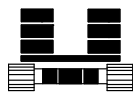
ASME B30.5



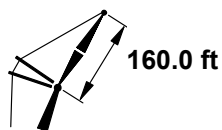
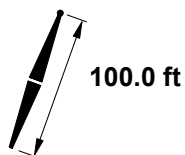
ft	88°			83°			80°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
50	75.8	263.2	41,700 b							50
55	73.9	261.8	40,900							55
60	72.1	260.3	39,900							60
65	70.2	258.6	38,200							65
70	68.3	256.7	36,500							70
72	67.5	255.8	35,800	70.8	258.3	38,700				72
75	66.3	254.6	34,800	69.7	257.2	37,800				75
80	64.4	252.3	33,300	67.8	255.3	36,200				80
85	62.4	249.8	31,800	65.8	253.1	34,700	67.8	254.4	36,100	85
90	60.3	247.0	30,300	63.8	250.8	33,100	65.9	252.3	34,600	90
95	58.2	244.1	28,800	61.8	248.2	31,700	63.9	249.9	33,100	95
100	56.1	240.8	27,500	59.8	245.4	30,100	61.9	247.4	31,700	100
105	53.9	237.3	26,200	57.7	242.4	28,700	59.8	244.6	30,200	105
106	53.5	236.6	25,900	57.2	241.7	28,500	59.4	244.0	29,900	106
110	51.7	233.5	24,900	55.5	239.1	27,400	57.7	241.6	28,800	110
115	49.3	229.4	23,700	53.3	235.5	26,100	55.6	238.3	27,500	115
120	46.9	224.9	22,600	51.1	231.6	24,900	53.4	234.7	26,200	120
125	44.4	220.0	21,500	48.7	227.4	23,700	51.1	230.8	25,000	125
127	43.4	217.9	21,100	47.7	225.5	23,200	50.2	229.2	24,500	127
130	41.8	214.7	20,400	46.3	222.8	22,500	48.8	226.6	23,800	130
135	39.1	208.8	19,500	43.8	217.8	21,400	46.4	222.1	22,700	135
140	36.1	202.3	18,500	41.1	212.3	20,400	43.8	217.1	21,600	140
145	33.0	195.1	17,600	38.3	206.3	19,400	41.2	211.6	20,500	145
146	32.3	193.4	17,500	37.7	205.0	19,200	40.6	210.4	20,300	146
150	29.5	186.8	16,800	35.3	199.6	18,500	38.4	205.6	19,500	150
155	25.6	177.2	16,000	32.1	192.1	17,600	35.4	199.0	18,600	155
160	21.1	165.7	15,300	28.5	183.6	16,800	32.2	191.5	17,700	160
164	16.5	153.5	14,500	25.3	175.5	16,100	29.3	184.7	17,000	164
165	15.4	150.5	14,400	24.5	173.5	16,000	28.6	183.0	16,800	165
170	5.5	123.4	13,600	19.8	161.3	15,200	24.7	173.0	16,100	170
175				13.5	144.5	14,200	19.9	160.8	15,200	175
179				4.2	118.8	13,600	15.0	147.6	14,500	179
180							13.7	144.3	14,300	180
184							4.9	119.9	13,700	184
185										185
190										190
193										193
195										195
200										200
201										201
205										205
209										209
210										210
216										216

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



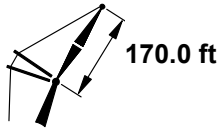
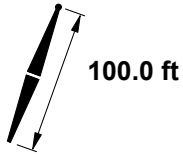
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
50													50
55													55
60													60
65													65
70													70
72													72
75													75
80													80
85													85
90													90
95													95
100													100
105													105
106	62.9	246.6	32,000										106
110	61.3	244.5	30,900										110
115	59.2	241.6	29,600										115
120	57.1	238.5	28,300										120
125	54.9	235.1	27,000										125
127	54.0	233.7	26,500	57.6	236.5	24,900							127
130	52.7	231.5	25,800	56.3	234.6	24,100							130
135	50.4	227.5	24,600	54.2	231.1	22,900							135
140	48.1	223.2	23,500	51.9	227.3	21,700							140
145	45.6	218.5	22,300	49.6	223.2	20,700							145
146	45.1	217.5	22,100	49.1	222.4	20,500	52.8	225.3	18,800				146
150	43.0	213.4	21,300	47.2	218.8	19,700	51.0	222.2	18,100				150
155	40.4	207.8	20,300	44.7	214.0	18,800	48.7	218.0	17,200				155
160	37.5	201.6	19,300	42.1	208.7	17,900	46.2	213.4	16,400				160
164	35.1	196.1	18,600	39.9	204.0	17,300	44.2	209.4	15,800	48.0	212.6	14,400	164
165	34.5	194.7	18,400	39.4	202.9	17,100	43.7	208.4	15,700	47.5	211.7	14,300	165
170	31.1	186.9	17,500	36.5	196.5	16,400	41.0	202.9	15,000	45.0	206.9	13,600	170
175	27.5	178.0	16,700	33.3	189.3	15,600	38.2	196.9	14,300	42.5	201.7	13,000	175
179	24.1	169.6	16,100	30.6	182.8	15,100	35.8	191.5	13,800	40.3	197.1	12,600	179
180	23.3	167.5	15,900	29.9	181.2	15,000	35.2	190.2	13,700	39.7	195.9	12,400	180
184	19.3	157.0	15,200	26.9	173.7	14,500	32.6	184.1	13,200	37.4	190.9	12,000	184
185	18.3	154.3	15,000	26.1	171.8	14,300	32.0	182.6	13,100	36.8	189.6	11,900	185
190	11.2	135.3	14,100	21.7	160.5	13,700	28.4	174.0	12,500	33.7	182.5	11,300	190
193	1.5	108.4	13,600	18.4	151.7	13,400	26.0	168.0	12,200	31.7	177.7	11,000	193
195				16.2	145.9	13,100	24.4	164.0	12,000	30.4	174.5	10,800	195
200				7.4	121.9	12,500	19.6	151.6	11,400	26.6	165.3	10,400	200
201				3.6	111.4	12,400	18.4	148.2	11,300	25.7	163.1	10,300	201
205							13.3	134.7	10,900	22.3	154.3	9,900	205
209							3.5	107.7	10,500	18.0	143.1	9,500	209
210										17.0	140.3	9,400	210
216										6.2	111.1	8,900	216

MLC250 S-1

ASME B30.5



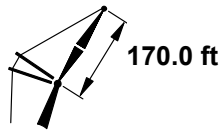
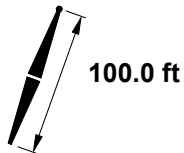
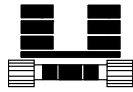
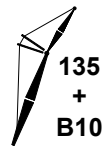
149,600 lb
+
0 lb



	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
52	76.0	273.0	38,500							52
55	74.9	272.2	38,100							55
60	73.2	270.8	36,800							60
65	71.4	269.2	35,200							65
70	69.6	267.4	33,600							70
75	67.8	265.4	32,100	70.9	267.8	34,800				75
80	66.0	263.3	30,600	69.1	266.0	33,300				80
85	64.1	261.0	29,100	67.3	264.0	31,800				85
89	62.6	258.9	28,000	65.8	262.3	30,600	67.7	263.6	32,000	89
90	62.2	258.4	27,700	65.5	261.8	30,400	67.4	263.2	31,700	90
95	60.3	255.7	26,400	63.6	259.4	28,900	65.5	261.0	30,300	95
100	58.3	252.7	25,000	61.7	256.9	27,600	63.7	258.6	29,000	100
105	56.3	249.5	23,800	59.8	254.1	26,200	61.8	256.1	27,600	105
110	54.3	246.1	22,600	57.8	251.0	24,900	59.8	253.3	26,300	110
111	53.9	245.3	22,400	57.4	250.4	24,700	59.4	252.6	26,000	111
115	52.2	242.3	21,500	55.8	247.8	23,700	57.9	250.2	25,000	115
120	50.0	238.3	20,400	53.7	244.2	22,500	55.9	247.0	23,800	120
125	47.8	233.9	19,300	51.6	240.4	21,300	53.8	243.4	22,600	125
130	45.5	229.2	18,300	49.4	236.3	20,300	51.7	239.6	21,400	130
132	44.5	227.1	17,900	48.5	234.5	19,800	50.8	238.0	21,000	132
135	43.0	224.1	17,400	47.2	231.8	19,200	49.5	235.5	20,300	135
140	40.5	218.5	16,400	44.8	227.0	18,200	47.2	231.1	19,300	140
145	37.8	212.3	15,500	42.4	221.8	17,200	44.9	226.3	18,300	145
150	35.0	205.5	14,800	39.8	216.0	16,300	42.5	221.0	17,300	150
152	33.8	202.5	14,500	38.7	213.5	16,000	41.4	218.7	17,000	152
155	31.9	198.0	14,000	37.1	209.7	15,500	39.9	215.3	16,400	155
160	28.6	189.4	13,000	34.2	202.8	14,700	37.2	209.0	15,500	160
165	24.9	179.5	12,100	31.1	195.0	13,800	34.3	202.1	14,700	165
170	20.5	167.5	11,200	27.7	186.1	12,800	31.2	194.3	13,900	170
171	19.4	164.4	11,000	26.9	184.0	12,600	30.5	192.6	13,700	171
175	14.9	151.8	10,400	23.8	175.7	11,900	27.8	185.5	12,900	175
180	5.3	123.9	9,800	19.2	163.0	11,100	23.9	175.2	12,000	180
185				13.1	145.7	10,300	19.3	162.5	11,100	185
189				4.0	119.1	9,700	14.5	148.9	10,400	189
190							13.3	145.5	10,300	190
194							4.7	120.3	9,800	194
195										195
200										200
203										203
210										210
211										211
219										219
220										220
226										226

MLC250 S-1

ASME B30.5



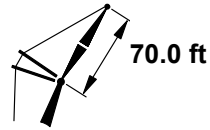
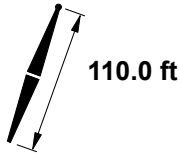
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
52													52
55													55
60													60
65													65
70													70
75													75
80													80
85													85
89													89
90													90
95													95
100													100
105													105
110													110
111	62.7	255.3	27,900										111
115	61.2	253.1	27,000										115
120	59.2	250.3	25,700										120
125	57.3	247.2	24,500										125
130	55.2	243.8	23,300										130
132	54.4	242.4	22,900	57.8	245.2	23,400							132
135	53.2	240.2	22,200	56.6	243.2	22,600							135
140	51.0	236.3	21,100	54.5	239.8	21,500							140
145	48.8	232.1	20,000	52.4	236.1	20,400							145
150	46.5	227.6	19,000	50.3	232.1	19,500							150
152	45.6	225.6	18,600	49.4	230.4	19,100	52.8	233.3	17,500				152
155	44.2	222.6	18,000	48.0	227.8	18,500	51.6	231.0	17,000				155
160	41.7	217.3	17,100	45.7	223.1	17,700	49.4	226.9	16,200				160
165	39.1	211.4	16,200	43.3	218.0	16,900	47.1	222.4	15,500				165
170	36.3	204.9	15,300	40.8	212.5	16,100	44.8	217.6	14,700				170
171	35.8	203.5	15,200	40.3	211.3	16,000	44.3	216.5	14,600	47.9	219.7	13,300	171
175	33.4	197.7	14,500	38.2	206.4	15,400	42.3	212.3	14,100	46.0	216.0	12,800	175
180	30.2	189.7	13,600	35.3	199.7	14,800	39.8	206.6	13,500	43.6	211.0	12,200	180
185	26.7	180.4	12,700	32.3	192.2	14,100	37.0	200.3	12,900	41.1	205.5	11,600	185
189	23.4	171.7	12,000	29.7	185.5	13,500	34.7	194.7	12,400	39.0	200.7	11,200	189
190	22.6	169.5	11,800	29.0	183.8	13,300	34.1	193.3	12,300	38.5	199.5	11,100	190
194	18.7	158.6	11,100	26.0	176.0	12,600	31.6	187.0	11,900	36.3	194.2	10,700	194
195	17.7	155.9	10,900	25.3	174.1	12,400	31.0	185.5	11,800	35.7	192.9	10,600	195
200	10.9	136.3	10,100	21.0	162.4	11,500	27.6	176.5	11,300	32.7	185.5	10,100	200
203	1.5	108.5	9,800	16.9	150.4	11,000	25.0	169.6	11,000	30.6	180.2	9,900	203
210				7.1	122.5	9,900	19.0	153.3	10,300	25.8	167.7	9,300	210
211				3.5	111.8	9,900	17.3	148.3	10,200	24.9	165.1	9,200	211
219							3.4	108.0	9,400	17.4	144.4	8,500	219
220										16.4	141.8	8,400	220
226										6.1	111.6	7,900	226

MLC250 S-1

ASME B30.5



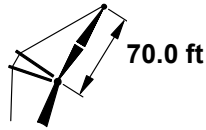
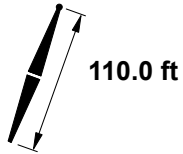
149,600 lb
+
0 lb



	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
30	74.3	185.4	109,100 d							30
35	70.0	183.8	108,900 d							35
40	65.6	181.8	107,400 c							40
44	61.9	179.8	103,300 c	70.5	183.1	113,400 c				44
45	61.0	179.3	102,300 c	69.6	182.7	113,400 c				45
50	56.2	176.2	97,800 b	65.2	180.6	102,000 c				50
53	53.2	174.0	95,400 b	62.4	179.1	94,900 c	67.6	180.8	91,200 c	53
55	51.2	172.6	93,800 b	60.6	178.1	90,200 b	65.8	180.0	86,900 c	55
60	45.7	168.1	85,500 b	55.8	175.0	80,600 b	61.2	177.5	77,700 b	60
65	39.6	162.7	77,200	50.7	171.2	72,900	56.5	174.5	70,200 b	65
68	35.5	158.6	73,100	47.4	168.5	68,900	53.4	172.3	66,500 b	68
70	32.7	155.8	70,300	45.2	166.7	66,300	51.4	170.8	64,000	70
75	24.1	146.6	64,400	39.1	161.2	60,800	45.9	166.4	58,600	75
80	10.1	130.3	49,700	32.0	154.2	56,100	39.9	161.0	54,000	80
81	2.9	121.5	44,100	30.2	152.3	55,200	38.5	159.7	53,200	81
82				28.5	150.4	54,400	37.2	158.3	52,500	82
85				23.2	144.6	51,900	33.0	154.3	50,100	85
90				7.8	126.5	48,100	24.5	145.2	46,500	90
95							11.1	129.6	43,300	95
96							5.5	122.8	42,700	96
100										100
105										105
109										109
110										110
114										114
115										115
120										120
123										123
125										125
130										130
131										131

MLC250 S-1

ASME B30.5



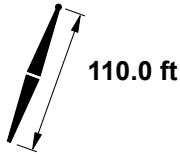
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
30													30
35													35
40													40
44													44
45													45
50													50
53													53
55													55
60													60
65													65
68	62.5	175.9	62,200 b										68
70	60.6	174.8	60,000 b										70
75	55.8	171.7	55,000 b										75
80	50.7	168.0	50,700										80
81	49.6	167.1	49,900										81
82	48.5	166.2	49,200	57.8	170.0	45,900 b							82
85	45.2	163.5	46,900	54.9	168.0	43,900 b							85
90	39.1	158.0	43,700	49.7	164.2	40,800							90
95	32.0	151.0	40,700	44.1	159.5	38,100							95
96	30.2	149.0	40,200	42.9	158.3	37,600	52.6	162.6	34,900 b				96
100	23.2	141.4	38,100	37.9	153.7	35,600	48.4	159.3	33,200				100
105	7.8	123.3	35,600	30.6	146.4	33,400	42.7	154.4	31,100				105
109				23.1	138.2	31,800	37.5	149.5	29,600	47.8	154.2	27,500	109
110				21.2	136.1	31,400	36.2	148.3	29,300	46.7	153.2	27,100	110
114				8.3	120.9	29,900	30.1	142.0	27,900	41.9	149.0	25,900	114
115							28.6	140.4	27,600	40.7	148.0	25,600	115
120							18.3	128.9	26,000	34.0	141.4	24,100	120
123							7.0	115.5	25,000	29.0	136.2	23,300	123
125										25.8	132.7	22,800	125
130										13.6	118.7	21,500	130
131										9.4	113.8	21,200	131

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



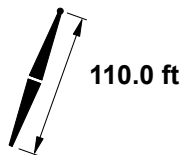
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
31	75.6	195.5	100,000 d							31
35	72.6	194.4	99,800 d							35
40	68.8	192.6	99,000 c							40
45	64.9	190.5	94,300 c							45
47	63.3	189.5	92,600 c	70.8	192.6	102,900 c				47
50	60.9	187.9	90,000 b	68.5	191.5	100,100 c				50
55	56.7	184.9	86,100 b	64.6	189.3	89,900 b				55
57	55.0	183.5	84,700 b	62.9	188.3	86,100 b	67.5	190.0	82,700 c	57
60	52.3	181.3	82,600 b	60.5	186.7	80,400 b	65.1	188.7	77,400 b	60
65	47.6	177.1	77,100	56.3	183.7	72,600	61.1	186.2	69,900 b	65
70	42.6	172.2	70,200	51.9	180.0	66,100	56.9	183.1	63,700	70
72	40.3	169.8	67,900	50.0	178.3	63,900	55.1	181.7	61,600	72
75	37.0	166.2	64,400	47.2	175.8	60,600	52.5	179.6	58,400	75
80	30.5	158.7	59,300	42.1	170.7	55,900	47.9	175.4	53,800	80
85	22.5	148.7	54,900	36.4	164.6	51,800	42.8	170.5	49,900	85
88	14.7	138.2	48,300	32.5	160.0	49,600	39.5	166.9	47,800	88
90	9.5	131.2	43,800	29.9	157.0	48,200	37.3	164.5	46,400	90
91	2.7	121.8	39,100	28.2	154.9	47,500	36.0	163.1	45,800	91
95				21.6	146.6	44,900	30.9	157.1	43,300	95
100				7.3	127.2	42,000	22.9	147.3	40,500	100
102							17.9	140.6	39,500	102
105							10.4	130.6	37,900	105
106							5.1	123.2	37,400	106
110										110
115										115
116										116
120										120
124										124
125										125
130										130
133										133
135										135
140										140
141										141

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



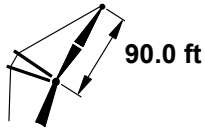
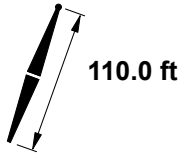
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
31													31
35													35
40													40
45													45
47													47
50													50
55													55
57													57
60													60
65													65
70													70
72	63.0	185.1	57,500 b										72
75	60.5	183.5	54,600 b										75
80	56.3	180.4	50,400										80
85	51.9	176.8	46,600										85
88	49.1	174.3	44,700	57.3	178.1	41,600							88
90	47.2	172.6	43,400	55.5	176.7	40,400							90
91	46.2	171.5	42,800	54.6	176.0	39,900							91
95	42.1	167.5	40,500	51.1	173.0	37,700							95
100	36.4	161.4	37,900	46.3	168.6	35,300							100
102	33.8	158.3	37,000	44.2	166.5	34,500	52.7	170.6	31,900				102
105	29.9	153.7	35,600	41.1	163.4	33,200	50.0	168.2	30,800				105
106	28.2	151.7	35,200	40.0	162.1	32,800	49.0	167.3	30,400				106
110	21.7	143.4	33,500	35.3	157.1	31,200	45.1	163.6	28,900				110
115	7.3	124.0	31,500	28.6	149.0	29,400	39.8	158.1	27,300				115
116				26.8	146.8	29,100	38.6	156.8	27,000	47.5	161.3	24,900	116
120				19.8	137.9	27,800	33.8	151.4	25,800	43.5	157.4	23,800	120
124				7.8	121.6	26,400	28.1	144.6	24,600	39.1	152.7	22,700	124
125							26.7	142.9	24,400	38.0	151.6	22,500	125
130							17.1	130.4	23,000	31.7	144.4	21,300	130
133							6.6	116.1	22,200	27.1	138.7	20,600	133
135										24.1	134.9	20,200	135
140										12.7	119.9	19,100	140
141										8.8	114.6	18,800	141

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



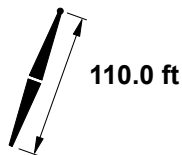
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
33	75.9	205.3	90,800 d						33	
35	74.6	204.8	90,600 d						35	
40	71.3	203.3	89,100 c						40	
45	67.9	201.4	84,900 c						45	
50	64.4	199.2	81,100 b	71.0	202.2	89,800 c			50	
55	60.8	196.6	77,600 b	67.6	200.3	85,900 b			55	
60	57.1	193.6	74,300 b	64.1	198.0	80,200 b	68.0	199.6	77,200 b	60
65	53.2	190.1	71,300	60.5	195.4	72,500	64.5	197.4	69,700 b	65
70	49.1	186.1	68,600	56.7	192.3	66,000	61.0	194.8	63,500	70
75	44.8	181.4	64,300	52.8	188.8	60,500	57.3	191.8	58,200	75
77	42.9	179.2	62,300	51.2	187.2	58,600	55.7	190.4	56,400	77
80	40.0	175.9	59,300	48.7	184.7	55,800	53.4	188.4	53,700	80
85	34.8	169.4	55,000	44.4	180.0	51,700	49.3	184.4	49,700	85
90	28.7	161.3	51,100	39.6	174.4	48,100	45.0	179.7	46,300	90
93	24.2	154.9	49,100	36.4	170.5	46,200	42.1	176.5	44,400	93
95	21.2	150.6	47,700	34.3	167.8	44,900	40.3	174.3	43,200	95
100	8.9	132.0	39,100	28.1	159.5	42,100	35.1	167.8	40,500	100
101	2.5	122.0	35,000	26.6	157.3	41,600	33.8	166.2	40,000	101
105				20.4	148.4	39,500	29.0	159.8	38,000	105
108				12.3	136.1	38,100	24.6	153.5	36,700	108
110				6.8	127.8	37,100	21.6	149.2	35,800	110
115							9.8	131.5	33,700	115
116							4.8	123.7	33,200	116
120										120
123										123
125										125
130										130
134										134
135										135
140										140
143										143
145										145
150										150
151										151

MLC250 S-1

ASME B30.5



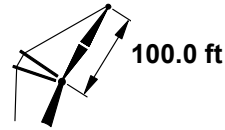
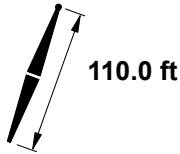
149,600 lb
+
0 lb



	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
33													33
35													35
40													40
45													45
50													50
55													55
60													60
65													65
70													70
75													75
77	62.6	193.8	52,600 b										77
80	60.5	192.2	50,200										80
85	56.7	189.1	46,500										85
90	52.9	185.6	43,200										90
93	50.4	183.1	41,500	57.6	186.7	38,600							93
95	48.7	181.5	40,300	56.1	185.4	37,500							95
100	44.4	176.8	37,800	52.1	181.8	35,100							100
101	43.4	175.7	37,300	51.3	181.0	34,700							101
105	39.6	171.2	35,500	48.0	177.6	33,000							105
108	36.4	167.2	34,200	45.3	174.7	31,800	52.8	178.6	29,400				108
110	34.3	164.6	33,400	43.5	172.8	31,100	51.1	177.0	28,700				110
115	28.2	156.3	31,500	38.7	167.0	29,300	46.9	172.7	27,100				115
116	26.6	154.1	31,200	37.6	165.6	29,000	46.0	171.6	26,800				116
120	20.4	145.2	29,800	33.3	160.1	27,700	42.4	167.6	25,600				120
123	12.3	132.8	28,800	29.4	154.9	26,800	39.4	164.0	24,800	47.3	168.5	22,800	123
125	6.9	124.6	28,100	26.9	151.5	26,200	37.4	161.6	24,200	45.5	166.5	22,300	125
130				18.7	139.6	24,800	31.8	154.4	23,000	40.9	161.2	21,100	130
134				7.3	122.3	23,700	26.5	147.0	22,000	36.8	156.2	20,300	134
135							25.1	145.2	21,800	35.7	154.9	20,000	135
140							16.1	131.9	20,600	29.9	147.1	19,000	140
143							6.2	116.7	19,900	25.5	141.1	18,400	143
145										22.7	137.0	18,100	145
150										11.9	121.0	17,100	150
151										8.3	115.4	16,900	151

MLC250 S-1

ASME B30.5



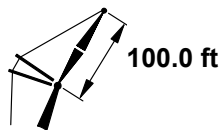
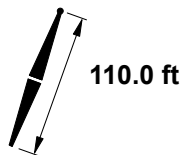
	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
36	75.6	214.9	82,200 d							36
40	73.2	213.8	81,400 c							40
45	70.2	212.1	77,500 c							45
50	67.1	210.2	73,900 b							50
54	64.6	208.3	71,200 b	70.5	211.4	78,700 b				54
55	64.0	207.9	70,500 b	69.9	211.0	78,000 b				55
60	60.7	205.3	67,400 b	66.8	209.0	74,600 b				60
64	58.0	202.9	65,000 b	64.3	207.2	72,000 b	67.9	208.8	70,800 b	64
65	57.4	202.3	64,500	63.7	206.7	71,400	67.2	208.3	69,400 b	65
70	53.9	198.8	61,800	60.4	204.1	65,700	64.1	206.1	63,200	70
75	50.3	195.0	59,200	57.1	201.0	60,200	60.9	203.5	57,900	75
80	46.4	190.5	56,900	53.6	197.6	55,500	57.5	200.5	53,400	80
81	45.6	189.5	56,500	52.9	196.8	54,700	56.8	199.8	52,600	81
85	42.3	185.4	54,800	49.9	193.6	51,400	54.1	197.1	49,400	85
90	37.9	179.5	51,000	46.1	189.1	47,900	50.4	193.2	46,000	90
95	33.0	172.4	47,600	42.0	184.0	44,700	46.6	188.8	42,900	95
98	29.5	167.3	45,800	39.3	180.3	43,000	44.2	185.8	41,300	98
100	27.2	163.8	44,600	37.5	177.9	41,900	42.5	183.7	40,200	100
105	20.1	152.4	41,900	32.5	170.8	39,300	38.1	177.8	37,800	105
110	8.5	132.7	34,600	26.7	162.0	37,100	33.2	170.9	35,600	110
111	2.4	122.2	31,000	25.2	159.6	36,600	32.1	169.2	35,200	111
114				20.8	152.5	35,400	28.7	164.0	34,000	114
115				19.3	150.2	34,900	27.5	162.3	33,600	115
120				6.5	128.4	32,900	20.5	151.1	31,700	120
125							9.3	132.3	30,000	125
126							4.6	124.1	29,600	126
129										129
130										130
135										135
140										140
144										144
145										145
150										150
153										153
155										155
160										160
161										161

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



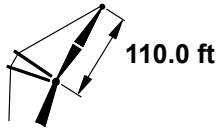
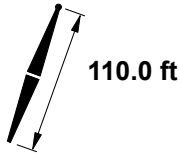
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
36													36
40													40
45													45
50													50
54													54
55													55
60													60
64													64
65													65
70													70
75													75
80													80
81	63.0	203.0	49,000										81
85	60.4	200.8	46,100										85
90	57.1	197.8	42,900										90
95	53.6	194.3	40,000										95
98	51.4	192.0	38,500	57.8	195.4	35,700							98
100	49.9	190.4	37,500	56.5	194.1	34,800							100
105	46.1	185.9	35,200	52.9	190.6	32,600							105
110	42.0	180.7	33,100	49.3	186.6	30,700							110
111	41.1	179.5	32,800	48.5	185.6	30,400							111
114	38.4	175.9	31,600	46.1	182.9	29,300	52.8	186.6	27,000				114
115	37.5	174.7	31,300	45.4	181.9	29,000	52.1	185.8	26,700				115
120	32.5	167.6	29,600	41.2	176.6	27,400	48.3	181.6	25,200				120
125	26.7	158.7	28,000	36.6	170.4	25,900	44.4	176.9	23,900				125
126	25.2	156.4	27,700	35.6	169.0	25,600	43.5	175.8	23,600				126
129	20.8	149.3	26,800	32.5	164.5	24,800	41.0	172.5	22,900	47.9	176.5	21,000	129
130	19.3	147.0	26,500	31.5	163.0	24,600	40.1	171.4	22,600	47.1	175.6	20,700	130
135	6.5	125.2	25,100	25.5	153.8	23,300	35.4	164.9	21,500	43.1	170.6	19,700	135
140				17.7	141.2	22,100	30.2	157.2	20,400	38.7	164.8	18,700	140
144				7.0	122.9	21,200	25.1	149.3	19,600	34.8	159.4	17,900	144
145							23.8	147.3	19,400	33.9	158.0	17,700	145
150							15.3	133.3	18,400	28.3	149.7	16,900	150
153							5.9	117.2	17,800	24.2	143.3	16,400	153
155										21.5	139.0	16,000	155
160										11.3	122.0	15,200	160
161										7.9	116.1	15,000	161

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



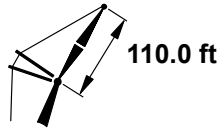
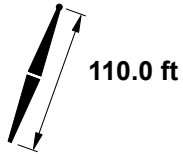
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
38	75.8	224.7	75,400 c							38
40	74.8	224.2	75,200 c							40
45	72.0	222.7	72,300 c							45
50	69.3	220.9	69,400 b							50
55	66.5	218.9	66,700 b							55
57	65.3	218.0	65,700 b	70.7	220.9	71,500 b				57
60	63.6	216.6	64,200 b	69.0	219.8	70,000 b				60
65	60.7	213.9	61,700	66.2	217.8	67,500				65
68	58.8	212.1	60,400	64.5	216.3	66,100	67.7	217.9	65,500	68
70	57.6	210.9	59,500	63.3	215.4	65,100	66.6	217.1	63,100	70
75	54.5	207.6	57,200	60.4	212.7	60,200	63.7	214.8	57,800	75
80	51.2	203.8	54,900	57.3	209.7	55,500	60.8	212.1	53,300	80
85	47.8	199.5	52,800	54.2	206.3	51,400	57.8	209.2	49,400	85
86	47.1	198.5	52,500	53.5	205.5	50,700	57.1	208.5	48,700	86
90	44.2	194.7	51,000	50.9	202.5	47,800	54.6	205.8	45,900	90
95	40.3	189.2	47,700	47.5	198.2	44,700	51.4	202.0	42,900	95
100	36.1	182.8	44,700	43.8	193.3	41,900	47.9	197.8	40,200	100
103	33.3	178.3	43,100	41.5	189.9	40,400	45.8	194.9	38,800	103
105	31.4	175.3	42,000	39.9	187.7	39,400	44.3	193.0	37,800	105
110	26.0	166.2	39,600	35.7	181.2	37,100	40.5	187.5	35,600	110
115	19.2	154.1	37,100	30.9	173.6	35,000	36.3	181.2	33,600	115
120	8.1	133.5	29,400	25.4	164.3	33,100	31.6	173.8	31,800	120
121	2.3	122.4	26,100	24.0	161.8	32,800	30.5	172.0	31,500	121
125				18.4	151.9	31,400	26.2	164.7	30,100	125
130				6.2	128.9	29,700	19.5	152.9	28,600	130
135							8.9	133.1	27,100	135
136							4.4	124.5	26,800	136
140										140
145										145
150										150
154										154
155										155
160										160
163										163
165										165
170										170
171										171

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



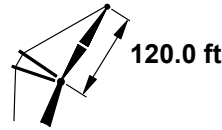
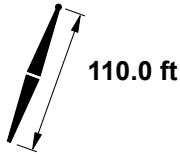
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
38													38
40													40
45													45
50													50
55													55
57													57
60													60
65													65
68													68
70													70
75													75
80													80
85													85
86	62.8	211.7	45,400										86
90	60.4	209.5	42,800										90
95	57.3	206.5	40,000										95
100	54.2	203.1	37,400										100
103	52.2	200.8	36,100	58.0	204.1	33,400							103
105	50.9	199.2	35,200	56.8	202.8	32,600							105
110	47.5	194.9	33,100	53.6	199.3	30,700							110
115	43.8	190.0	31,300	50.3	195.4	28,900							115
120	39.9	184.5	29,600	46.8	191.0	27,400	52.8	194.6	25,200				120
121	39.1	183.2	29,300	46.1	190.0	27,100	52.2	193.8	24,900				121
125	35.7	178.0	28,000	43.1	186.0	25,900	49.5	190.5	23,900				125
130	30.9	170.4	26,600	39.2	180.3	24,600	46.0	186.0	22,600				130
135	25.4	161.1	25,300	34.9	173.7	23,400	42.2	180.8	21,500				135
136	24.0	158.6	25,000	33.9	172.1	23,100	41.4	179.6	21,300	47.7	183.7	19,500	136
140	18.4	148.6	24,000	30.0	165.8	22,200	38.2	174.9	20,400	44.8	179.8	18,700	140
145	6.2	125.7	22,800	24.3	156.0	21,100	33.7	168.0	19,400	41.0	174.5	17,800	145
150				16.9	142.7	20,100	28.7	159.8	18,500	36.8	168.3	16,900	150
154				6.6	123.5	19,300	23.9	151.5	17,800	33.2	162.4	16,300	154
155							22.7	149.4	17,600	32.2	161.0	16,100	155
160							14.6	134.6	16,800	27.0	152.2	15,300	160
163							5.6	117.7	16,200	23.1	145.4	14,900	163
165										20.5	140.8	14,600	165
170										10.8	122.9	13,900	170
171										7.5	116.7	13,700	171

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



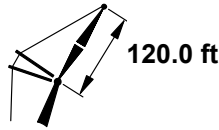
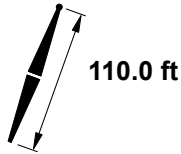
	88°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
41	75.6	234.3	55,500 c						41	
45	73.6	233.1	54,500 b						45	
50	71.1	231.6	53,300 b						50	
55	68.5	229.7	52,200						55	
60	66.0	227.6	51,000	70.9	230.5	54,100			60	
65	63.3	225.2	50,000	68.3	228.6	53,200			65	
70	60.6	222.6	49,000	65.7	226.5	52,300			70	
72	59.5	221.4	48,600	64.7	225.5	51,900	67.6	227.1	52,800	72
75	57.8	219.6	48,100	63.1	224.1	51,400	66.1	225.8	52,400	75
80	55.0	216.3	47,000	60.4	221.4	50,600	63.4	223.4	51,700	80
85	52.0	212.6	45,100	57.6	218.4	49,400	60.7	220.8	49,100	85
90	48.9	208.4	43,400	54.7	215.0	47,400	58.0	217.8	45,600	90
91	48.2	207.5	43,100	54.1	214.3	46,800	57.4	217.2	45,000	91
95	45.6	203.8	41,800	51.7	211.3	44,400	55.1	214.5	42,600	95
100	42.2	198.6	40,200	48.6	207.1	41,600	52.1	210.8	39,900	100
105	38.5	192.7	38,800	45.3	202.4	39,100	49.0	206.7	37,500	105
109	35.3	187.3	37,700	42.6	198.2	37,300	46.4	203.0	35,800	109
110	34.5	186.0	37,500	41.9	197.2	36,900	45.8	202.1	35,300	110
115	30.0	178.1	36,200	38.2	191.2	34,800	42.4	197.0	33,400	115
120	24.8	168.4	34,000	34.1	184.4	32,900	38.7	191.1	31,600	120
125	18.3	155.8	32,100	29.6	176.3	31,200	34.7	184.4	29,900	125
126	16.2	151.4	30,900	28.5	174.4	30,900	33.8	182.8	29,600	126
130	7.7	134.2	26,300	24.3	166.5	29,600	30.2	176.5	28,400	130
131	2.2	122.6	23,400	23.0	163.9	29,300	29.2	174.6	28,100	131
135				17.6	153.4	28,100	25.1	167.0	27,000	135
140				5.9	129.5	26,700	18.7	154.5	25,700	140
143							12.6	142.1	24,900	143
145							8.5	133.9	24,400	145
146							4.2	124.8	24,100	146
150										150
155										155
160										160
164										164
165										165
170										170
173										173
175										175
180										180
181										181

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



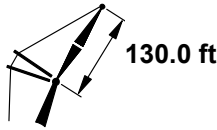
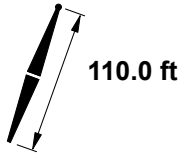
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
41													41
45													45
50													50
55													55
60													60
65													65
70													70
72													72
75													75
80													80
85													85
90													90
91	62.5	220.3	41,900										91
95	60.4	218.1	39,600										95
100	57.6	215.1	37,100										100
105	54.7	211.8	34,800										105
109	52.3	208.8	33,200	57.6	212.1	30,700							109
110	51.7	208.0	32,800	57.1	211.5	30,300							110
115	48.6	203.9	31,000	54.2	208.1	28,600							115
120	45.3	199.2	29,300	51.2	204.2	27,000							120
125	41.9	194.0	27,700	48.0	200.0	25,600							125
126	41.1	192.8	27,400	47.4	199.0	25,300	52.9	202.6	23,200				126
130	38.2	188.0	26,300	44.7	195.2	24,300	50.4	199.4	22,300				130
131	37.4	186.6	26,000	44.0	194.1	24,000	49.8	198.5	22,000				131
135	34.1	181.1	25,000	41.2	189.9	23,000	47.2	195.0	21,100				135
140	29.6	173.1	23,800	37.5	183.8	21,900	43.9	190.1	20,100				140
143	26.4	167.2	23,100	35.0	179.5	21,300	41.8	186.8	19,500	47.5	190.8	17,700	143
145	24.3	163.3	22,600	33.3	176.7	20,900	40.3	184.6	19,100	46.2	188.9	17,400	145
146	23.0	160.7	22,400	32.4	175.0	20,700	39.6	183.3	18,900	45.5	187.9	17,200	146
150	17.6	150.2	21,600	28.7	168.4	19,900	36.5	178.3	18,200	42.8	183.9	16,500	150
155	5.9	126.3	20,500	23.2	158.1	18,900	32.3	171.0	17,300	39.2	178.1	15,700	155
160				16.2	144.2	18,100	27.5	162.3	16,500	35.2	171.5	15,000	160
164				6.4	124.1	17,300	22.9	153.5	15,900	31.7	165.3	14,400	164
165							21.7	151.4	15,800	30.8	163.8	14,300	165
170							13.9	135.8	15,000	25.8	154.5	13,600	170
173							5.4	118.2	14,500	22.1	147.3	13,300	173
175										19.6	142.6	13,000	175
180										10.3	123.9	12,400	180
181										7.2	117.4	12,200	181

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



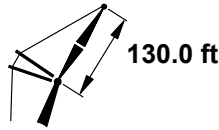
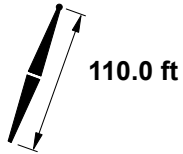
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
43	75.8	244.1	51,900 b						43	
45	74.9	243.5	51,400 b						45	
50	72.6	242.1	50,400 b						50	
55	70.3	240.4	49,300						55	
60	67.9	238.5	48,300						60	
63	66.5	237.2	47,800	71.0	240.0	50,300			63	
65	65.5	236.3	47,400	70.1	239.3	50,000			65	
70	63.1	233.9	46,500	67.7	237.4	49,200			70	
75	60.6	231.2	45,200	65.3	235.2	48,400	68.0	236.7	49,100	75
80	58.0	228.3	43,400	62.8	232.7	47,300	65.6	234.5	48,500	80
85	55.4	225.0	41,700	60.3	230.0	45,600	63.2	232.1	47,600	85
90	52.6	221.4	40,100	57.8	227.0	43,800	60.7	229.5	45,400	90
95	49.8	217.3	38,500	55.1	223.7	42,100	58.1	226.5	42,400	95
100	46.9	212.9	37,100	52.4	220.1	40,500	55.5	223.2	39,700	100
105	43.8	207.9	35,700	49.5	216.0	38,900	52.8	219.6	37,300	105
110	40.5	202.4	34,300	46.6	211.5	36,700	49.9	215.6	35,100	110
114	37.6	197.4	33,400	44.1	207.5	35,000	47.6	212.1	33,600	114
115	36.9	196.2	33,100	43.5	206.5	34,600	47.0	211.2	33,200	115
120	33.1	189.0	32,000	40.2	200.9	32,800	43.9	206.3	31,400	120
125	28.8	180.7	30,900	36.6	194.6	31,100	40.6	200.8	29,700	125
130	23.8	170.6	29,700	32.7	187.4	29,500	37.1	194.5	28,200	130
132	21.3	165.3	29,100	31.0	184.0	28,900	35.6	191.7	27,700	132
135	17.6	157.4	28,100	28.4	178.9	28,000	33.3	187.5	26,800	135
140	7.4	134.8	23,500	23.3	168.6	26,700	29.0	179.2	25,500	140
141	2.1	122.8	20,900	22.1	165.9	26,400	28.0	177.2	25,300	141
145				16.9	155.0	25,400	24.1	169.2	24,300	145
149				7.9	135.0	24,400	19.2	158.8	23,400	149
150				5.7	130.0	24,200	17.9	156.2	23,200	150
155							8.2	134.6	22,100	155
156							4.0	125.2	21,900	156
160										160
165										165
170										170
174										174
175										175
180										180
183										183
185										185
190										190
191										191

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



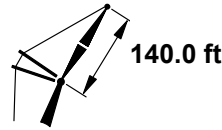
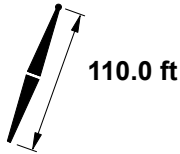
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
43													43
45													45
50													50
55													55
60													60
63													63
65													65
70													70
75													75
80													80
85													85
90													90
95	62.8	229.5	39,400										95
100	60.3	226.8	36,900										100
105	57.8	223.8	34,600										105
110	55.1	220.5	32,600										110
114	52.9	217.6	31,100	57.8	220.8	28,700							114
115	52.4	216.8	30,700	57.3	220.2	28,300							115
120	49.5	212.8	29,100	54.6	216.8	26,800							120
125	46.6	208.3	27,500	51.9	213.0	25,300							125
130	43.5	203.3	26,100	49.0	208.9	24,000							130
132	42.1	201.0	25,600	47.8	207.1	23,500	52.9	210.6	21,500				132
135	40.2	197.7	24,800	46.0	204.3	22,800	51.2	208.2	20,900				135
140	36.6	191.4	23,600	42.9	199.2	21,700	48.3	204.0	19,800				140
141	35.8	189.9	23,400	42.2	198.1	21,500	47.7	203.1	19,600				141
145	32.7	184.1	22,500	39.5	193.5	20,700	45.3	199.3	18,900				145
149	29.3	177.4	21,600	36.7	188.4	19,900	42.7	195.1	18,100	48.0	198.9	16,500	149
150	28.4	175.7	21,400	35.9	187.1	19,700	42.1	194.1	18,000	47.4	198.0	16,300	150
155	23.4	165.4	20,500	32.0	179.6	18,800	38.7	188.2	17,100	44.3	193.1	15,500	155
156	22.1	162.6	20,300	31.1	177.9	18,600	38.0	186.9	17,000	43.6	192.0	15,400	156
160	16.9	151.7	19,500	27.6	170.9	17,900	35.0	181.5	16,300	41.0	187.7	14,800	160
165	5.7	126.8	18,600	22.3	160.1	17,100	31.0	173.8	15,600	37.6	181.6	14,100	165
170				15.5	145.6	16,300	26.4	164.7	14,900	33.8	174.6	13,400	170
174				6.1	124.6	15,700	22.0	155.5	14,300	30.4	168.1	13,000	174
175							20.9	153.2	14,200	29.6	166.5	12,800	175
180							13.4	137.0	13,500	24.8	156.8	12,200	180
183							5.2	118.6	13,100	21.2	149.3	11,900	183
185										18.8	144.3	11,700	185
190										9.9	124.7	11,100	190
191										6.9	118.0	11,000	191

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



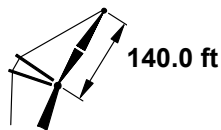
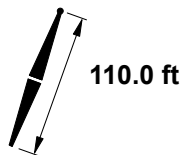
	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
45	76.0	253.9	48,300 b							45
50	73.9	252.5	47,300 b							50
55	71.7	251.0	46,300							55
60	69.6	249.2	45,400							60
65	67.4	247.2	44,600							65
67	66.5	246.4	44,000	70.7	249.2	46,400				67
70	65.1	245.0	43,200	69.4	248.1	46,000				70
75	62.8	242.6	41,400	67.2	246.1	45,200				75
79	61.0	240.4	40,100	65.4	244.3	43,800	67.9	245.8	45,300	79
80	60.5	239.9	39,700	64.9	243.9	43,400	67.5	245.4	45,100	80
85	58.1	236.9	38,100	62.6	241.4	41,700	65.2	243.2	43,500	85
90	55.7	233.7	36,500	60.3	238.7	40,000	62.9	240.8	41,900	90
95	53.2	230.1	35,000	57.9	235.7	38,400	60.6	238.1	40,300	95
100	50.6	226.2	33,600	55.5	232.4	36,800	58.2	235.2	38,700	100
105	47.9	221.9	32,100	53.0	228.8	35,300	55.8	231.9	37,000	105
110	45.1	217.1	30,900	50.3	224.9	33,900	53.3	228.4	34,800	110
115	42.1	211.9	29,600	47.6	220.5	32,500	50.7	224.5	32,900	115
119	39.6	207.2	28,700	45.4	216.7	31,400	48.5	221.0	31,400	119
120	38.9	206.0	28,500	44.8	215.7	31,100	48.0	220.2	31,100	120
125	35.5	199.4	27,300	41.8	210.4	29,900	45.2	215.4	29,500	125
130	31.9	191.9	26,300	38.6	204.5	28,700	42.2	210.2	28,000	130
135	27.7	183.2	25,300	35.2	197.8	27,600	39.1	204.4	26,600	135
138	24.9	176.9	24,800	33.0	193.3	26,900	37.1	200.4	25,800	138
140	23.0	172.6	24,400	31.5	190.3	26,500	35.7	197.8	25,300	140
145	17.0	158.9	23,800	27.3	181.4	25,200	32.0	190.4	24,100	145
150	7.2	135.5	20,900	22.5	170.6	24,100	27.9	181.7	23,000	150
151	2.0	123.0	18,700	21.2	167.8	23,900	27.0	179.6	22,800	151
155				16.3	156.4	23,000	23.2	171.3	21,900	155
156				14.2	151.2	22,800	22.0	168.5	21,700	156
160				5.5	130.5	21,900	17.3	157.7	20,900	160
165							7.9	135.3	20,000	165
166							3.9	125.5	19,800	166
170										170
175										175
180										180
184										184
185										185
190										190
193										193
195										195
200										200
201										201

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



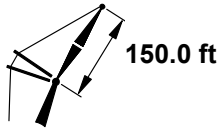
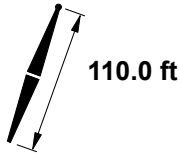
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
45													45
50													50
55													55
60													60
65													65
67													67
70													70
75													75
79													79
80													80
85													85
90													90
95													95
100	62.6	238.2	36,500										100
105	60.3	235.5	34,300										105
110	57.9	232.5	32,200										110
115	55.5	229.2	30,400										115
119	53.5	226.3	29,100	58.0	229.5	26,700							119
120	53.0	225.6	28,700	57.5	228.8	26,400							120
125	50.3	221.6	27,200	55.0	225.5	25,000							125
130	47.6	217.3	25,800	52.5	221.8	23,700							130
135	44.8	212.5	24,500	49.9	217.8	22,500							135
138	43.0	209.3	23,800	48.2	215.1	21,800	52.9	218.6	19,900				138
140	41.8	207.2	23,300	47.1	213.4	21,400	51.9	217.0	19,500				140
145	38.6	201.3	22,200	44.3	208.5	20,300	49.2	212.9	18,500				145
150	35.2	194.6	21,200	41.3	203.1	19,400	46.4	208.4	17,600				150
151	34.5	193.1	21,000	40.6	201.9	19,200	45.9	207.4	17,400				151
155	31.5	187.0	20,200	38.0	197.1	18,500	43.6	203.4	16,800				155
156	30.7	185.2	20,000	37.3	195.7	18,300	42.9	202.3	16,600	47.8	206.0	15,000	156
160	27.3	178.2	19,300	34.6	190.2	17,600	40.5	197.8	16,000	45.5	202.3	14,400	160
165	22.5	167.4	18,400	30.8	182.5	16,800	37.2	191.6	15,300	42.6	197.1	13,700	165
166	21.3	164.6	18,300	29.9	180.6	16,700	36.5	190.2	15,100	42.0	195.9	13,600	166
170	16.3	153.2	17,600	26.5	173.3	16,100	33.7	184.6	14,600	39.5	191.3	13,100	170
175	5.5	127.3	16,800	21.5	162.1	15,400	29.8	176.5	13,900	36.2	184.9	12,500	175
180				15.0	146.9	14,700	25.4	167.0	13,300	32.5	177.6	11,900	180
184				5.9	125.1	14,100	21.2	157.4	12,800	29.3	170.8	11,500	184
185							20.1	155.0	12,700	28.5	169.1	11,400	185
190							12.9	138.2	12,100	23.8	158.9	10,800	190
193							5.0	119.1	11,700	20.4	151.1	10,500	193
195										18.1	145.9	10,300	195
200										9.6	125.6	9,800	200
201										6.7	118.6	9,700	201

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



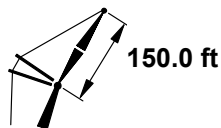
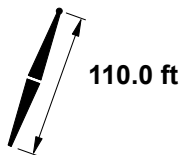
	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
48	75.8	263.4	44,700							48
50	75.0	262.9	44,300							50
55	73.0	261.5	43,500							55
60	71.0	259.8	42,600							60
65	68.9	258.0	41,600							65
70	66.9	256.0	39,900	70.8	258.7	42,900				70
75	64.8	253.7	38,200	68.8	256.9	41,700				75
80	62.7	251.3	36,600	66.7	254.8	40,000				80
83	61.3	249.6	35,700	65.4	253.5	39,000	67.8	255.0	40,700	83
85	60.5	248.6	35,000	64.6	252.6	38,300	67.0	254.2	40,100	85
90	58.3	245.6	33,500	62.5	250.1	36,800	64.9	251.9	38,500	90
95	56.0	242.4	32,000	60.3	247.4	35,200	62.8	249.5	37,000	95
100	53.7	238.8	30,600	58.1	244.4	33,700	60.6	246.8	35,400	100
104	51.7	235.8	29,600	56.2	241.8	32,600	58.8	244.4	34,300	104
105	51.2	235.0	29,300	55.8	241.1	32,300	58.4	243.8	34,000	105
110	48.7	230.8	28,000	53.4	237.6	30,900	56.1	240.6	32,500	110
115	46.2	226.2	26,800	51.0	233.7	29,500	53.8	237.1	31,200	115
120	43.4	221.2	25,600	48.5	229.5	28,300	51.4	233.3	29,900	120
125	40.6	215.6	24,500	45.9	224.8	27,000	48.9	229.1	28,600	125
130	37.6	209.5	23,500	43.2	219.8	25,800	46.3	224.5	27,300	130
135	34.3	202.6	22,500	40.3	214.2	24,700	43.6	219.5	26,100	135
140	30.8	194.7	21,500	37.3	207.9	23,700	40.7	214.0	24,900	140
144	27.6	187.4	20,900	34.7	202.4	22,800	38.3	209.1	24,100	144
145	26.8	185.6	20,700	34.0	201.0	22,600	37.7	207.9	23,900	145
150	22.2	174.6	19,900	30.4	193.0	21,700	34.5	201.0	22,900	150
155	16.4	160.3	19,200	26.4	183.8	20,800	30.9	193.2	21,900	155
160	6.9	136.1	18,800	21.7	172.6	20,000	27.0	184.2	20,900	160
161	2.0	123.2	16,900	20.5	169.6	19,900	26.1	182.0	20,800	161
163				18.1	163.7	19,600	24.2	177.6	20,400	163
165				15.8	157.8	19,300	22.4	173.3	20,000	165
170				5.3	130.9	19,000	16.7	159.2	19,200	170
175							7.6	136.0	18,300	175
176							3.7	125.9	18,100	176
180										180
185										185
190										190
194										194
195										195
200										200
203										203
205										205
210										210
211										211

MLC250 S-1

ASME B30.5



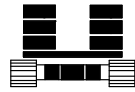
149,600 lb
+
0 lb



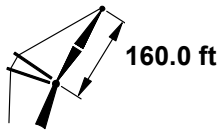
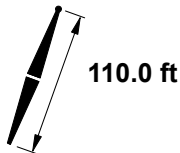
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
48													48
50													50
55													55
60													60
65													65
70													70
75													75
80													80
83													83
85													85
90													90
95													95
100													100
104	62.9	247.4	34,600										104
105	62.5	246.9	34,200										105
110	60.3	244.1	32,100										110
115	58.1	241.1	30,300										115
120	55.8	237.9	28,600										120
125	53.4	234.3	27,100	57.7	237.5	24,900							125
130	51.0	230.5	25,700	55.4	234.2	23,600							130
135	48.5	226.2	24,400	53.0	230.6	22,400							135
140	45.9	221.6	23,200	50.6	226.6	21,300							140
144	43.7	217.5	22,300	48.6	223.2	20,500	52.9	226.6	18,600				144
145	43.2	216.5	22,100	48.1	222.4	20,200	52.4	225.8	18,400				145
150	40.3	210.9	21,100	45.4	217.6	19,300	50.0	221.8	17,500				150
155	37.3	204.7	20,100	42.7	212.5	18,400	47.4	217.4	16,700				155
160	34.0	197.7	19,200	39.8	206.8	17,600	44.8	212.6	15,900				160
161	33.3	196.1	19,100	39.2	205.5	17,400	44.2	211.5	15,800				161
163	31.9	193.0	18,700	37.9	203.0	17,100	43.1	209.4	15,500	47.7	213.2	13,900	163
165	30.4	189.8	18,400	36.7	200.4	16,800	42.0	207.3	15,200	46.6	211.3	13,700	165
170	26.4	180.6	17,600	33.4	193.3	16,000	39.1	201.5	14,500	43.9	206.4	13,000	170
175	21.7	169.4	16,800	29.7	185.2	15,300	35.9	194.9	13,900	41.1	200.9	12,400	175
176	20.5	166.4	16,700	28.9	183.2	15,200	35.2	193.5	13,700	40.5	199.7	12,300	176
180	15.8	154.6	16,100	25.6	175.6	14,700	32.5	187.6	13,200	38.1	194.9	11,900	180
185	5.3	127.7	15,400	20.8	163.9	14,000	28.8	179.1	12,700	34.9	188.1	11,300	185
190				14.4	148.2	13,400	24.5	169.2	12,100	31.4	180.4	10,800	190
194				5.7	125.6	12,900	20.4	159.3	11,700	28.3	173.4	10,400	194
195							19.4	156.8	11,600	27.5	171.6	10,300	195
200							12.5	139.3	11,000	23.0	161.0	9,800	200
203							4.8	119.5	10,700	19.7	152.9	9,600	203
205										17.5	147.5	9,400	205
210										9.3	126.4	8,900	210
211										6.5	119.2	8,800	211

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



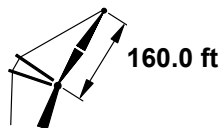
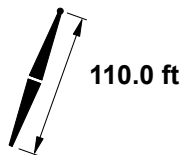
ft	88°			83°			80°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
50	75.9	273.2	41,300							50
55	74.1	271.9	40,500							55
60	72.2	270.4	39,800							60
65	70.3	268.7	38,100							65
70	68.4	266.8	36,500							70
73	67.2	265.6	35,500	70.9	268.3	38,700				73
75	66.5	264.7	34,800	70.1	267.6	38,000				75
80	64.5	262.4	33,300	68.2	265.7	36,500				80
85	62.5	259.9	31,800	66.3	263.6	34,900				85
87	61.7	258.9	31,200	65.5	262.7	34,300	67.7	264.2	35,900	87
90	60.5	257.2	30,400	64.3	261.3	33,400	66.6	262.9	35,000	90
95	58.4	254.3	28,900	62.3	258.8	32,000	64.6	260.6	33,500	95
100	56.2	251.1	27,600	60.3	256.0	30,500	62.6	258.1	32,100	100
105	54.1	247.6	26,200	58.2	253.0	29,100	60.5	255.4	30,600	105
109	52.3	244.6	25,300	56.5	250.5	28,000	58.9	253.1	29,600	109
110	51.8	243.8	25,000	56.1	249.8	27,700	58.5	252.5	29,300	110
115	49.5	239.7	23,800	53.9	246.3	26,400	56.3	249.3	28,000	115
120	47.1	235.3	22,700	51.6	242.5	25,100	54.2	245.8	26,700	120
125	44.6	230.4	21,600	49.3	238.4	23,900	51.9	242.1	25,400	125
130	42.0	225.1	20,600	46.9	233.9	22,800	49.6	238.0	24,200	130
135	39.2	219.3	19,600	44.4	229.0	21,700	47.2	233.5	23,000	135
140	36.3	212.8	18,600	41.8	223.6	20,600	44.7	228.7	21,900	140
145	33.2	205.6	17,800	39.0	217.8	19,600	42.1	223.4	20,900	145
150	29.8	197.4	16,900	36.1	211.3	18,700	39.4	217.6	19,900	150
155	25.9	188.0	16,200	32.9	204.0	17,900	36.5	211.2	18,900	155
160	21.5	176.6	15,400	29.4	195.7	17,000	33.3	204.0	18,000	160
165	15.9	161.8	14,400	25.5	186.1	16,200	29.9	195.9	17,200	165
169	8.5	141.7	13,800	21.9	176.8	15,600	26.9	188.4	16,500	169
170	6.7	136.7	13,600	21.0	174.5	15,400	26.1	186.5	16,400	170
171	1.9	123.3	13,500	19.9	171.4	15,200	25.2	184.3	16,200	171
175				15.3	159.2	14,400	21.7	175.2	15,600	175
180				5.1	131.4	13,700	16.2	160.6	14,600	180
185							7.4	136.6	13,800	185
186							3.6	126.2	13,700	186
190										190
195										195
200										200
204										204
205										205
210										210
213										213
215										215
220										220
221										221

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



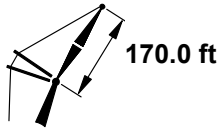
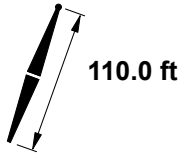
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
50													50
55													55
60													60
65													65
70													70
73													73
75													75
80													80
85													85
87													87
90													90
95													95
100													100
105													105
109	62.7	256.0	31,800										109
110	62.3	255.5	31,500										110
115	60.3	252.8	30,000										115
120	58.2	249.8	28,300										120
125	56.1	246.6	26,800										125
130	53.9	243.1	25,400	57.8	246.2	23,200							130
135	51.6	239.3	24,100	55.7	242.9	22,000							135
140	49.3	235.1	22,900	53.5	239.3	20,900							140
145	46.9	230.7	21,800	51.2	235.5	19,900							145
150	44.4	225.8	20,800	48.9	231.3	19,000	52.9	234.6	17,200				150
155	41.8	220.4	19,800	46.4	226.7	18,100	50.6	230.6	16,300				155
160	39.0	214.5	18,900	43.9	221.8	17,200	48.3	226.4	15,600				160
165	36.1	208.0	18,100	41.3	216.3	16,500	45.8	221.7	14,800				165
169	33.5	202.2	17,500	39.0	211.5	15,900	43.8	217.6	14,300	48.0	221.2	12,800	169
170	32.9	200.7	17,300	38.5	210.3	15,700	43.3	216.6	14,200	47.5	220.3	12,700	170
171	32.2	199.1	17,200	37.9	209.0	15,600	42.7	215.5	14,000	47.0	219.4	12,500	171
175	29.4	192.5	16,600	35.5	203.7	15,000	40.6	211.1	13,500	45.0	215.5	12,100	175
180	25.6	182.9	15,900	32.3	196.2	14,400	37.8	204.9	12,900	42.5	210.3	11,500	180
185	21.0	171.2	15,200	28.8	187.8	13,700	34.7	198.1	12,300	39.7	204.6	11,000	185
186	19.9	168.2	15,100	28.0	185.8	13,600	34.1	196.6	12,200	39.2	203.3	10,900	186
190	15.3	156.0	14,500	24.8	177.9	13,200	31.5	190.4	11,800	36.8	198.3	10,500	190
195		128.2	13,700	20.1	165.7	12,600	27.9	181.7	11,300	33.7	191.2	10,000	195
200				14.0	149.4	12,000	23.7	171.3	10,800	30.4	183.2	9,500	200
204				5.5	126.1	11,600	19.8	161.0	10,400	27.4	175.8	9,200	204
205							18.8	158.5	10,300	26.6	174.0	9,100	205
210							12.1	140.3	9,800	22.3	163.0	8,700	210
213							4.7	119.9	9,500	19.1	154.6	8,400	213
215										17.0	149.0	8,300	215
220										9.0	127.2	7,800	220
221										6.2	119.7	7,700	221

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



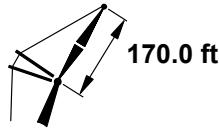
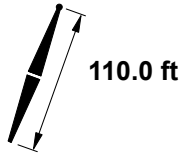
	88°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
53	75.7	282.8	38,100						53	
55	75.0	282.3	37,700						55	
60	73.3	280.9	36,700						60	
65	71.5	279.3	35,200						65	
70	69.7	277.5	33,600						70	
75	67.9	275.6	32,100						75	
76	67.6	275.1	31,800	71.0	277.8	34,700			76	
80	66.1	273.4	30,600	69.6	276.4	33,500			80	
85	64.2	271.1	29,200	67.8	274.4	32,000			85	
90	62.3	268.6	27,800	65.9	272.3	30,600	68.0	273.7	32,000	90
95	60.4	265.9	26,400	64.1	270.0	29,200	66.2	271.6	30,700	95
100	58.5	262.9	25,100	62.2	267.4	27,900	64.3	269.3	29,300	100
105	56.5	259.7	23,900	60.3	264.7	26,600	62.4	266.8	28,000	105
110	54.4	256.3	22,700	58.3	261.7	25,200	60.5	264.1	26,700	110
113	53.2	254.1	22,000	57.1	259.8	24,500	59.3	262.3	26,000	113
115	52.3	252.6	21,500	56.3	258.5	24,000	58.6	261.2	25,400	115
120	50.2	248.6	20,400	54.2	255.0	22,800	56.6	258.0	24,200	120
125	47.9	244.2	19,400	52.1	251.3	21,600	54.5	254.6	23,000	125
130	45.6	239.5	18,400	50.0	247.2	20,500	52.4	250.8	21,900	130
135	43.2	234.4	17,400	47.7	242.9	19,500	50.3	246.8	20,700	135
140	40.7	228.9	16,500	45.4	238.1	18,500	48.0	242.5	19,700	140
145	38.0	222.8	15,600	43.0	233.0	17,500	45.7	237.8	18,600	145
150	35.2	216.0	14,800	40.5	227.4	16,600	43.3	232.8	17,700	150
155	32.2	208.5	14,000	37.8	221.2	15,700	40.8	227.2	16,800	155
156	31.5	206.8	13,800	37.2	219.9	15,500	40.3	226.0	16,600	156
160	28.8	200.0	13,100	34.9	214.5	14,900	38.2	221.1	15,900	160
165	25.1	190.2	12,200	31.9	206.9	14,100	35.3	214.4	15,000	165
170	20.8	178.4	11,300	28.5	198.3	13,100	32.3	207.0	14,200	170
175	15.4	163.1	10,400	24.8	188.3	12,200	29.0	198.5	13,200	175
176	13.6	157.9	10,300	23.9	185.9	12,000	28.3	196.6	13,100	176
180	6.5	137.2	9,800	20.4	176.3	11,300	25.3	188.8	12,300	180
181	1.8	123.5	9,700	19.3	173.1	11,100	24.5	186.5	12,100	181
185				14.8	160.5	10,400	21.0	177.1	11,500	185
190				5.0	131.8	9,800	15.7	162.0	10,600	190
195							7.1	137.2	9,900	195
196							3.5	126.5	9,800	196
200										200
205										205
210										210
214										214
220										220
223										223
230										230
231										231

MLC250 S-1

ASME B30.5



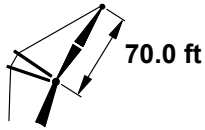
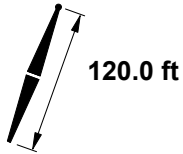
149,600 lb
+
0 lb



	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
53													53
55													55
60													60
65													65
70													70
75													75
76													76
80													80
85													85
90													90
95													95
100													100
105													105
110													110
113	62.9	265.2	28,000										113
115	62.2	264.2	27,500										115
120	60.3	261.5	26,300										120
125	58.3	258.5	25,100										125
130	56.3	255.3	23,900										130
135	54.2	251.8	22,800	57.9	254.8	21,800							135
140	52.1	248.1	21,700	55.9	251.6	20,700							140
145	50.0	244.0	20,600	53.9	248.1	19,700							145
150	47.7	239.6	19,600	51.7	244.3	18,700							150
155	45.4	234.9	18,600	49.6	240.2	17,800							155
156	44.9	233.9	18,400	49.1	239.3	17,700	52.9	242.6	15,900				156
160	43.0	229.8	17,600	47.3	235.7	17,000	51.2	239.5	15,300				160
165	40.5	224.2	16,700	45.0	230.9	16,200	49.0	235.3	14,600				165
170	37.8	218.0	15,800	42.5	225.7	15,500	46.8	230.8	13,900				170
175	34.9	211.2	15,000	40.0	220.0	14,800	44.4	225.9	13,300				175
176	34.3	209.7	14,800	39.4	218.8	14,700	43.9	224.8	13,200	47.9	228.4	11,700	176
180	31.9	203.6	14,100	37.3	213.8	14,200	41.9	220.5	12,700	46.0	224.7	11,300	180
181	31.2	201.9	13,900	36.7	212.4	14,000	41.4	219.4	12,600	45.5	223.6	11,100	181
185	28.5	195.1	13,200	34.4	206.8	13,500	39.3	214.7	12,100	43.6	219.6	10,700	185
190	24.8	185.1	12,300	31.3	199.1	13,000	36.6	208.3	11,600	41.1	214.1	10,200	190
195	20.4	173.1	11,400	27.9	190.3	12,400	33.7	201.2	11,100	38.5	208.1	9,800	195
196	19.3	169.9	11,200	27.1	188.2	12,300	33.0	199.6	11,000	37.9	206.8	9,700	196
200	14.8	157.3	10,500	24.0	180.0	11,900	30.5	193.2	10,600	35.7	201.5	9,300	200
205	5.0	128.6	9,800	19.5	167.5	11,300	27.0	184.1	10,100	32.7	194.2	8,900	205
210				13.6	150.6	10,500	23.0	173.4	9,700	29.4	185.9	8,500	210
214				5.3	126.6	9,900	18.5	160.6	9,300	26.3	177.5	8,200	214
220							11.7	141.4	8,800	21.6	164.9	7,700	220
223							4.5	120.3	8,500	17.7	153.8	7,500	223
230										8.7	128.0	6,900	230
231										6.1	120.3	6,800	231

MLC250 S-1

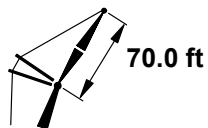
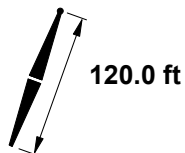
ASME B30.5



	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
29	75.5	195.8	106,400 d						29	
30	74.6	195.5	106,400 d						30	
35	70.3	194.0	106,200 c						35	
40	65.9	191.9	106,000 c						40	
45	61.4	189.5	102,100 b	70.7	193.1	110,300 c			45	
50	56.6	186.5	97,600 b	66.3	191.1	101,300 c			50	
55	51.5	182.8	93,700 b	61.7	188.7	89,600 b	67.4	190.6	86,000 c	55
60	46.1	178.4	85,500	57.0	185.7	80,100 b	62.9	188.3	76,900 b	60
65	40.1	173.1	77,200	52.0	182.1	72,400 b	58.1	185.4	69,500 b	65
70	33.2	166.4	70,300	46.6	177.8	65,900	53.2	182.0	63,300 b	70
75	24.8	157.4	64,400	40.6	172.6	60,400	47.9	177.9	58,000	75
80	11.6	142.1	51,400	33.8	166.0	55,700	42.1	172.9	53,500	80
81	6.4	135.8	47,000	32.2	164.2	54,900	40.8	171.6	52,700	81
85				25.6	157.2	51,600	35.6	166.7	49,500	85
86				23.1	154.4	50,800	34.0	165.1	48,800	86
90				13.2	143.0	47,900	27.8	158.6	46,000	90
91				9.0	137.9	47,100	25.6	156.1	45,400	91
95							17.0	146.4	42,900	95
98							2.2	128.7	41,100	98
100									100	
105									105	
108									108	
110									110	
114									114	
115									115	
118									118	
120									120	
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136									136	

MLC250 S-1

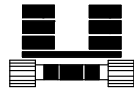
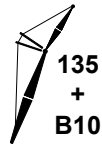
ASME B30.5



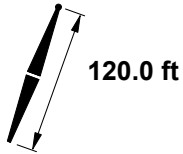
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
29													29
30													30
35													35
40													40
45													45
50													50
55													55
60													60
65													65
70	63.0	185.9	58,900 b										70
75	58.3	183.1	54,000 b										75
80	53.4	179.7	49,800 b										80
81	52.3	178.9	49,000 b										81
85	48.1	175.6	46,100										85
86	46.9	174.6	45,400	57.3	179.1	42,000 b							86
90	42.3	170.6	42,900	53.3	176.3	39,700 b							90
91	41.0	169.4	42,300	52.2	175.5	39,200 b							91
95	35.8	164.5	40,000	48.0	172.2	37,000							95
98	31.2	159.7	38,500	44.5	169.2	35,600							98
100	28.1	156.5	37,400	42.2	167.2	34,700	52.9	171.8	31,900 b				100
105	17.5	144.5	35,100	35.7	161.0	32,500	47.6	167.6	30,000				105
108	4.7	129.2	33,700	31.0	156.2	31,400	44.1	164.6	28,900				108
110				27.9	153.0	30,600	41.7	162.6	28,200				110
114				19.4	143.4	29,100	36.4	157.5	26,900	47.8	162.8	24,600	114
115				17.3	141.0	28,800	35.1	156.3	26,600	46.7	161.9	24,300	115
118				3.8	124.9	27,700	30.4	151.3	25,700	43.1	158.7	23,500	118
120							27.2	148.0	25,100	40.7	156.7	22,900	120
125							16.1	135.4	23,600	34.0	150.1	21,700	125
127							8.4	126.2	23,000	30.7	146.6	21,200	127
130										25.8	141.4	20,500	130
135										13.6	127.4	19,400	135
136										9.4	122.5	19,100	136

MLC250 S-1

ASME B30.5



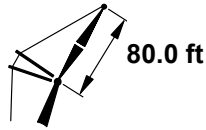
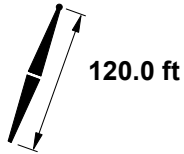
149,600 lb
+
0 lb



	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
31	75.9	205.6	97,700 d							31
35	72.9	204.5	97,400 d							35
40	69.1	202.8	97,100 c							40
45	65.2	200.7	94,000 c							45
48	62.8	199.1	91,500 c	70.9	202.6	100,600 c				48
50	61.2	198.1	89,800 b	69.4	201.9	100,500 c				50
55	57.0	195.1	86,000 b	65.5	199.8	89,300 b				55
58	54.4	193.0	83,900 b	63.1	198.3	83,600 b	68.0	200.2	80,000 c	58
60	52.6	191.6	82,500 b	61.5	197.3	79,800 b	66.5	199.3	76,600 b	60
65	48.0	187.5	77,100	57.4	194.4	72,100	62.5	196.9	69,200 b	65
70	42.9	182.5	70,200	53.0	190.9	65,700	58.4	194.1	63,000 b	70
75	37.4	176.6	64,300	48.4	186.8	60,200	54.1	190.8	57,700	75
80	31.0	169.3	59,300	43.4	182.0	55,500	49.5	186.8	53,200	80
85	23.1	159.5	54,900	37.9	176.1	51,400	44.6	182.2	49,300	85
90	10.9	143.1	45,300	31.6	168.9	47,800	39.3	176.6	45,900	90
91	6.0	136.4	41,600	30.1	167.0	47,200	38.0	175.2	45,300	91
95				23.9	159.4	44,600	33.2	169.8	42,800	95
100				12.4	144.2	41,700	25.9	161.0	40,100	100
101				8.4	138.7	41,100	23.9	158.3	39,600	101
105							15.9	147.9	37,600	105
106							11.3	141.5	37,100	106
108							2.1	128.9	36,100	108
110										110
115										115
118										118
120										120
121										121
125										125
128										128
130										130
135										135
137										137
140										140
145										145
146										146

MLC250 S-1

ASME B30.5



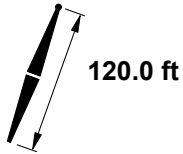
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
31													31
35													35
40													40
45													45
48													48
50													50
55													55
58													58
60													60
65													65
70													70
75	62.6	194.6	53,600 b										75
80	58.5	191.7	49,400 b										80
85	54.2	188.4	45,800										85
90	49.7	184.5	42,600										90
91	48.7	183.6	42,000	57.6	187.7	38,700 b							91
95	44.8	179.9	39,700	54.2	185.0	36,700							95
100	39.5	174.4	37,200	49.6	181.1	34,300							100
101	38.3	173.0	36,700	48.6	180.2	33,900							101
105	33.4	167.6	34,900	44.7	176.5	32,200							105
106	32.0	165.8	34,500	43.7	175.4	31,800	52.9	179.8	29,200				106
108	29.1	162.3	33,700	41.5	173.1	31,100	51.1	178.2	28,500				108
110	26.2	158.9	32,900	39.4	170.9	30,300	49.2	176.6	27,800				110
115	16.3	146.0	30,900	33.3	164.1	28,600	44.3	171.9	26,200				115
118	4.4	129.6	29,800	29.0	158.9	27,600	41.1	168.5	25,300				118
120				26.1	155.4	27,000	38.9	166.2	24,800				120
121				24.1	152.8	26,700	37.7	164.9	24,500	47.5	170.0	22,300	121
125				16.2	142.4	25,500	32.8	159.3	23,400	43.5	166.0	21,300	125
128				3.6	125.2	24,500	28.4	153.9	22,700	40.2	162.5	20,600	128
130							25.4	150.4	22,200	38.0	160.2	20,200	130
135							15.1	136.8	21,000	31.7	153.0	19,100	135
137							7.9	126.9	20,500	28.7	149.3	18,700	137
140										24.1	143.6	18,100	140
145										12.7	128.5	17,100	145
146										8.8	123.3	16,900	146

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



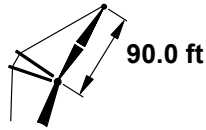
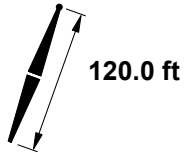
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
34	75.5	215.2	88,000 d							34
35	74.8	214.9	87,900 d							35
40	71.5	213.4	86,400 c							40
45	68.1	211.5	82,500 c							45
50	64.6	209.4	78,900 b							50
52	63.2	208.3	77,500 b	70.4	211.8	86,200 c				52
55	61.1	206.8	75,500 b	68.4	210.7	84,100 b				55
60	57.3	203.8	72,400 b	64.9	208.5	79,700 b				60
62	55.8	202.4	71,200 b	63.5	207.5	76,600 b	67.8	209.3	73,200 b	62
65	53.5	200.4	69,500	61.4	206.0	72,000	65.8	208.0	69,000 b	65
70	49.4	196.4	66,900	57.7	203.1	65,500	62.2	205.6	62,800 b	70
75	45.1	191.8	64,300	53.8	199.7	60,100	58.6	202.8	57,500	75
80	40.4	186.3	59,300	49.8	195.7	55,400	54.8	199.5	53,100	80
85	35.2	179.9	54,900	45.5	191.2	51,300	50.8	195.7	49,200	85
90	29.2	171.9	51,100	40.8	185.8	47,800	46.5	191.3	45,700	90
95	21.8	161.5	47,700	35.6	179.5	44,600	41.9	186.1	42,700	95
96	19.5	158.0	46,200	34.5	177.9	44,000	40.9	184.9	42,200	96
100	10.3	144.1	40,000	29.7	171.7	41,800	36.9	180.0	40,000	100
101	5.7	136.9	36,800	28.3	169.6	41,300	35.8	178.6	39,500	101
105				22.5	161.5	39,200	31.2	172.7	37,600	105
110				11.7	145.2	36,900	24.4	163.2	35,400	110
111				7.9	139.4	36,400	22.5	160.4	35,000	111
112							20.6	157.6	34,600	112
115							15.0	149.2	33,300	115
118							2.0	129.1	32,100	118
120										120
125										125
128										128
130										130
135										135
138										138
140										140
145										145
147										147
150										150
155										155
156										156

MLC250 S-1

ASME B30.5



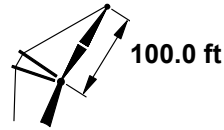
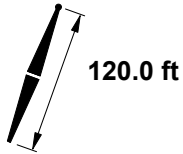
149,600 lb
+
0 lb



	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
34													34
35													35
40													40
45													45
50													50
52													52
55													55
60													60
62													62
65													65
70													70
75													75
80	62.4	203.2	49,200 b										80
85	58.7	200.4	45,600										85
90	54.9	197.1	42,400										90
95	50.9	193.4	39,600										95
96	50.0	192.5	39,100	57.9	196.4	36,000							96
100	46.7	189.0	37,000	54.8	193.7	34,100							100
101	45.8	187.9	36,600	54.0	193.0	33,700							101
105	42.1	183.9	34,800	50.8	190.0	32,000							105
110	37.1	177.8	32,800	46.6	185.6	30,200							110
111	36.0	176.4	32,400	45.7	184.5	29,800							111
112	34.9	174.9	32,000	44.8	183.5	29,500	52.9	187.8	26,900				112
115	31.5	170.5	30,900	42.0	180.4	28,400	50.5	185.4	26,000				115
118	27.4	164.9	29,900	39.0	176.8	27,500	47.9	182.8	25,100				118
120	24.7	161.1	29,200	37.0	174.4	26,900	46.2	181.0	24,600				120
125	15.4	147.4	27,600	31.4	167.0	25,400	41.7	175.8	23,200				125
128	4.1	130.0	26,600	27.3	161.4	24,600	38.6	172.1	22,500	47.3	177.1	20,400	128
130				24.6	157.6	24,100	36.6	169.7	22,000	45.5	175.2	20,000	130
135				15.2	143.8	22,800	30.9	162.2	20,900	40.9	169.9	19,000	135
138				3.4	125.5	22,000	26.7	156.4	20,200	37.8	166.1	18,400	138
140							24.0	152.5	19,800	35.7	163.6	18,000	140
145							14.2	138.1	18,800	29.9	155.8	17,100	145
147							7.4	127.6	18,400	27.0	151.7	16,700	147
150										22.7	145.7	16,200	150
155										11.9	129.6	15,400	155
156										8.3	124.0	15,200	156

MLC250 S-1

ASME B30.5



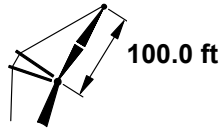
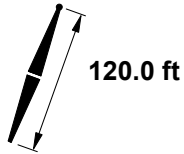
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
36	75.8	225.0	80,600 d							36
40	73.4	223.9	80,100 c							40
45	70.4	222.2	77,200 c							45
50	67.3	220.3	73,700 b							50
55	64.2	218.0	70,400 b	70.6	221.4	78,300 b				55
60	61.0	215.5	67,300 b	67.6	219.5	75,000 b				60
65	57.6	212.5	64,400	64.4	217.2	71,700				65
66	56.9	211.8	63,900	63.8	216.7	70,400	67.7	218.5	67,300 b	66
70	54.2	209.1	61,800	61.2	214.7	65,200	65.2	216.8	62,400	70
75	50.5	205.2	59,300	57.9	211.7	59,800	62.0	214.3	57,200	75
80	46.7	200.8	57,000	54.5	208.4	55,100	58.7	211.4	52,700	80
84	43.5	196.8	55,200	51.6	205.3	51,900	56.0	208.8	49,600	84
85	42.6	195.8	54,800	50.8	204.6	51,100	55.3	208.2	48,900	85
90	38.2	189.9	51,000	47.0	200.2	47,500	51.7	204.5	45,400	90
95	33.3	183.0	47,600	43.0	195.2	44,400	48.0	200.3	42,400	95
100	27.7	174.5	44,600	38.6	189.4	41,600	44.0	195.4	39,700	100
102	24.9	170.0	43,500	36.7	186.7	40,600	42.3	193.2	38,800	102
105	20.7	163.3	41,900	33.8	182.6	39,100	39.7	189.8	37,300	105
110	9.7	144.9	35,700	28.2	174.3	36,800	35.0	183.3	35,200	110
111	5.4	137.4	33,000	26.8	172.1	36,400	33.9	181.7	34,800	111
115				21.3	163.4	34,700	29.6	175.4	33,200	115
118				15.2	153.1	33,500	25.7	169.3	32,100	118
120				11.1	146.2	32,800	23.2	165.3	31,400	120
121				7.5	140.1	32,400	21.4	162.3	31,000	121
125							14.2	150.5	29,700	125
128							1.9	129.2	28,600	128
130										130
134										134
135										135
138										138
140										140
145										145
148										148
150										150
155										155
157										157
160										160
165										165
166										166

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



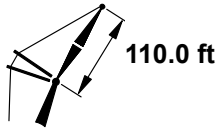
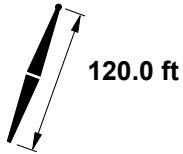
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
36													36
40													40
45													45
50													50
55													55
60													60
65													65
66													66
70													70
75													75
80													80
84	62.8	212.4	45,900										84
85	62.1	211.9	45,200										85
90	58.8	209.1	42,000										90
95	55.4	205.8	39,200										95
100	51.9	202.2	36,700										100
102	50.4	200.5	35,800	57.4	204.4	32,900							102
105	48.1	198.0	34,500	55.4	202.5	31,700							105
110	44.1	193.2	32,500	51.8	198.8	29,800							110
111	43.3	192.0	32,100	51.1	197.9	29,400							111
115	39.9	187.6	30,600	48.1	194.6	28,100							115
118	37.0	183.7	29,600	45.7	191.7	27,200	53.0	195.8	24,700				118
120	35.2	181.1	28,900	44.1	189.7	26,500	51.5	194.3	24,200				120
121	34.1	179.5	28,600	43.2	188.6	26,300	50.7	193.4	23,900				121
125	29.8	173.2	27,400	39.8	184.2	25,100	47.7	190.0	22,900				125
128	26.0	167.2	26,500	37.0	180.3	24,300	45.3	187.1	22,200				128
130	23.4	163.2	26,000	35.1	177.6	23,800	43.7	185.1	21,700				130
134	16.4	151.6	24,900	30.8	171.3	22,800	40.3	180.6	20,800	47.9	185.2	18,800	134
135	14.6	148.7	24,600	29.7	169.8	22,600	39.4	179.5	20,600	47.1	184.3	18,600	135
138	3.9	130.3	23,800	25.9	163.7	21,900	36.6	175.5	19,900	44.7	181.3	18,000	138
140				23.3	159.7	21,500	34.7	172.9	19,500	43.1	179.3	17,600	140
145				14.4	145.1	20,400	29.3	164.9	18,600	38.7	173.5	16,700	145
148				3.2	125.8	19,700	25.3	158.7	18,000	35.8	169.4	16,200	148
150							22.7	154.6	17,600	33.9	166.7	15,900	150
155							13.5	139.3	16,700	28.3	158.4	15,100	155
157							7.0	128.2	16,400	25.6	154.1	14,800	157
160										21.5	147.6	14,400	160
165										11.3	130.6	13,600	165
166										7.9	124.7	13,500	166

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



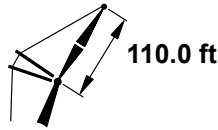
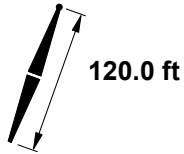
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
38	76.0	234.8	74,000 d						38	
40	75.0	234.3	73,700 c						40	
45	72.2	232.8	71,800 c						45	
50	69.5	231.1	69,000 c						50	
55	66.7	229.0	66,500 b						55	
58	64.9	227.7	64,900 b	70.8	230.9	71,000 b			58	
60	63.8	226.7	63,900 b	69.7	230.2	70,100 b			60	
65	60.9	224.1	61,600	66.9	228.2	67,700			65	
70	57.8	221.2	59,300	64.1	225.9	65,200	67.6	227.7	62,400	70
75	54.7	217.8	57,100	61.1	223.3	59,700	64.7	225.5	57,200	75
80	51.4	214.1	55,000	58.1	220.4	55,100	61.8	222.9	52,700	80
85	48.0	209.8	52,900	55.0	217.1	51,000	58.8	220.1	48,800	85
89	45.1	206.0	51,300	52.4	214.1	48,200	56.3	217.5	46,100	89
90	44.4	205.0	50,900	51.7	213.4	47,500	55.7	216.9	45,400	90
95	40.6	199.6	47,600	48.3	209.2	44,400	52.5	213.3	42,400	95
100	36.4	193.3	44,700	44.7	204.4	41,600	49.2	209.2	39,700	100
105	31.7	185.9	41,900	40.9	199.0	39,100	45.6	204.6	37,300	105
107	29.6	182.3	40,800	39.2	196.6	38,200	44.1	202.5	36,500	107
110	26.4	176.9	39,100	36.8	192.8	36,800	41.8	199.4	35,200	110
115	19.7	165.1	36,700	32.1	185.5	34,800	37.8	193.4	33,200	115
120	9.3	145.8	30,900	26.9	176.7	32,900	33.3	186.4	31,400	120
121	5.1	137.8	28,400	25.5	174.4	32,500	32.3	184.7	31,100	121
124				21.6	167.5	31,500	29.2	179.6	30,100	124
125				20.3	165.2	31,200	28.2	177.9	29,800	125
130				10.5	147.1	29,500	22.1	167.3	28,200	130
131				7.2	140.7	29,200	20.4	164.2	28,000	131
135							13.5	151.7	26,800	135
138							1.8	129.4	25,900	138
140										140
141										141
145										145
148										148
150										150
155										155
158										158
160										160
165										165
167										167
170										170
175										175
176										176

MLC250 S-1

ASME B30.5



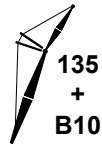
149,600 lb
+
0 lb



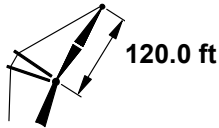
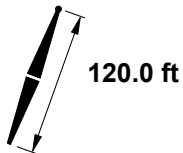
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
38													38
40													40
45													45
50													50
55													55
58													58
60													60
65													65
70													70
75													75
80													80
85													85
89	62.5	221.1	42,600										89
90	61.9	220.6	42,000										90
95	58.9	217.7	39,200										95
100	55.8	214.5	36,700										100
105	52.6	210.9	34,500										105
107	51.3	209.3	33,600	57.7	213.1	30,800							107
110	49.3	206.9	32,400	55.8	211.1	29,800							110
115	45.7	202.3	30,600	52.6	207.5	28,100							115
120	42.0	197.1	29,000	49.2	203.5	26,500							120
121	41.2	195.9	28,700	48.5	202.6	26,200							121
124	38.7	192.3	27,700	46.4	199.8	25,400	53.0	203.8	23,100				124
125	37.9	191.1	27,400	45.7	198.9	25,100	52.3	203.0	22,900				125
130	33.5	184.2	26,000	41.9	193.7	23,800	48.9	198.9	21,700				130
131	32.4	182.5	25,800	41.1	192.5	23,600	48.2	198.0	21,400				131
135	28.4	175.8	24,700	37.9	187.7	22,600	45.4	194.3	20,600				135
138	24.7	169.5	24,000	35.2	183.5	22,000	43.1	191.1	19,900				138
140	22.3	165.3	23,500	33.4	180.7	21,500	41.6	189.0	19,500				140
141	20.6	162.2	23,300	32.4	179.0	21,300	40.8	187.8	19,300	47.7	192.3	17,400	141
145	13.9	150.0	22,400	28.3	172.3	20,500	37.5	183.0	18,600	44.8	188.5	16,700	145
148	3.7	130.7	21,600	24.6	166.0	19,900	34.8	178.7	18,000	42.5	185.3	16,200	148
150				22.2	161.7	19,500	33.0	175.9	17,700	41.0	183.1	15,900	150
155				13.8	146.3	18,500	27.9	167.4	16,800	36.8	176.9	15,200	155
158				3.1	126.1	17,900	24.1	160.9	16,400	34.1	172.5	14,700	158
160							21.6	156.6	16,100	32.2	169.6	14,400	160
165							12.9	140.5	15,300	27.0	160.8	13,700	165
167							6.7	128.8	14,900	24.4	156.3	13,500	167
170										20.5	149.5	13,100	170
175										10.8	131.6	12,400	175
176										7.5	125.4	12,300	176

MLC250 S-1

ASME B30.5



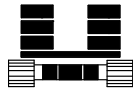
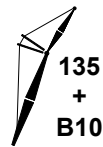
149,600 lb
+
0 lb



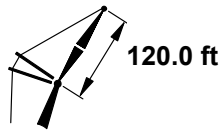
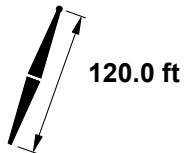
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
41	75.7	244.3	55,000 c							41
45	73.8	243.2	54,000 b							45
50	71.3	241.7	52,800 b							50
55	68.7	239.8	51,700 b							55
60	66.1	237.8	50,600							60
61	65.6	237.3	50,400	71.0	240.5	53,500 b				61
65	63.5	235.4	49,600	68.9	239.0	52,800				65
70	60.8	232.8	48,600	66.4	236.9	51,900				70
73	59.1	231.0	48,000	64.8	235.5	51,400	68.0	237.2	52,300	73
75	58.0	229.8	47,600	63.7	234.6	51,100	67.0	236.4	52,000	75
80	55.2	226.5	46,800	61.0	232.0	50,300	64.4	234.1	51,400	80
85	52.2	222.8	45,200	58.3	229.1	49,500	61.7	231.6	48,500	85
90	49.1	218.7	43,500	55.4	225.8	47,200	58.9	228.7	45,100	90
93	47.2	216.0	42,500	53.6	223.6	45,300	57.2	226.8	43,300	93
95	45.9	214.2	41,800	52.5	222.2	44,100	56.1	225.6	42,100	95
100	42.4	209.0	40,300	49.4	218.1	41,300	53.2	222.0	39,400	100
105	38.8	203.2	38,900	46.1	213.5	38,800	50.1	218.1	37,000	105
110	34.8	196.5	37,600	42.7	208.4	36,600	46.9	213.6	34,900	110
112	33.0	193.3	36,800	41.3	206.1	35,800	45.6	211.6	34,100	112
115	30.3	188.7	35,600	39.1	202.7	34,500	43.6	208.7	32,900	115
120	25.2	179.2	33,600	35.1	196.1	32,700	40.0	203.1	31,200	120
125	18.9	166.8	31,700	30.7	188.4	31,000	36.1	196.7	29,500	125
130	8.9	146.5	27,700	25.7	179.0	29,400	31.8	189.3	28,000	130
131	4.9	138.3	25,500	24.4	176.6	29,100	30.9	187.5	27,700	131
135				19.5	167.0	27,900	27.0	180.4	26,600	135
140				10.1	148.1	26,500	21.1	169.2	25,300	140
141				6.9	141.3	26,300	19.5	165.9	25,100	141
145							13.0	152.9	24,100	145
148							1.7	129.6	23,300	148
150										150
155										155
158										158
160										160
165										165
168										168
170										170
175										175
177										177
180										180
185										185
186										186

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ASME B30.5



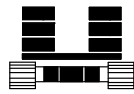
149,600 lb
+
0 lb



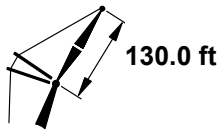
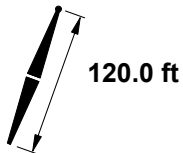
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
41													41
45													45
50													50
55													55
60													60
61													61
65													65
70													70
73													73
75													75
80													80
85													85
90													90
93	62.8	230.3	39,900										93
95	61.8	229.2	38,800										95
100	59.0	226.4	36,300										100
105	56.2	223.2	34,100										105
110	53.3	219.7	32,100										110
112	52.1	218.1	31,400	57.9	221.8	28,700							112
115	50.2	215.7	30,300	56.2	219.8	27,700							115
120	47.1	211.3	28,600	53.2	216.3	26,200							120
125	43.7	206.4	27,100	50.2	212.3	24,800							125
130	40.1	200.8	25,700	47.0	207.9	23,500	53.0	211.8	21,300				130
131	39.3	199.6	25,500	46.3	206.9	23,200	52.4	211.0	21,100				131
135	36.3	194.5	24,500	43.6	203.0	22,300	49.9	207.8	20,200				135
140	32.0	187.1	23,300	40.1	197.4	21,200	46.7	203.4	19,200				140
141	31.0	185.3	23,000	39.3	196.1	21,000	46.1	202.4	19,000				141
145	27.2	178.3	22,100	36.2	191.0	20,200	43.4	198.4	18,200				145
148	23.7	171.6	21,500	33.6	186.6	19,600	41.2	195.0	17,700	47.5	199.5	15,900	148
150	21.4	167.2	21,100	31.9	183.6	19,200	39.8	192.7	17,300	46.2	197.6	15,500	150
155	13.3	151.2	20,100	27.1	174.8	18,300	35.9	186.3	16,500	42.8	192.5	14,800	155
158	3.6	131.0	19,500	23.6	168.1	17,800	33.3	181.8	16,100	40.6	189.1	14,400	158
160				21.3	163.7	17,500	31.6	178.8	15,700	39.2	186.8	14,100	160
165				13.2	147.5	16,600	26.7	169.8	15,000	35.2	180.2	13,400	165
168				2.9	126.3	16,100	23.1	163.0	14,600	32.6	175.5	13,000	168
170							20.7	158.4	14,300	30.8	172.5	12,800	170
175							12.3	141.6	13,600	25.8	163.2	12,200	175
177							6.4	129.4	13,300	23.3	158.4	11,900	177
180										19.6	151.2	11,600	180
185										10.3	132.5	11,000	185
186										7.2	126.0	10,900	186

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



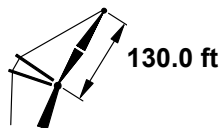
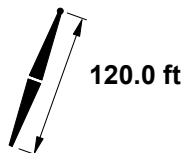
	88°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
43	76.0	254.1	51,400 c						43	
45	75.0	253.6	50,900 b						45	
50	72.7	252.2	49,800 b						50	
55	70.4	250.5	48,800						55	
60	68.1	248.6	47,900						60	
65	65.7	246.5	46,900	70.6	249.7	49,600			65	
70	63.2	244.1	46,100	68.3	247.8	48,900			70	
75	60.7	241.4	45,100	65.9	245.7	48,100			75	
77	59.7	240.3	44,400	64.9	244.7	47,900	67.9	246.4	48,500	77
80	58.2	238.5	43,400	63.4	243.3	47,500	66.5	245.1	48,200	80
85	55.5	235.2	41,700	60.9	240.7	45,900	64.0	242.8	47,600	85
90	52.8	231.6	40,100	58.4	237.7	44,100	61.5	240.3	44,900	90
95	50.0	227.6	38,500	55.8	234.5	42,500	59.0	237.4	41,900	95
98	48.2	225.0	37,700	54.1	232.3	41,500	57.4	235.5	40,300	98
100	47.1	223.2	37,100	53.1	230.9	40,800	56.4	234.2	39,200	100
105	44.0	218.3	35,800	50.2	227.0	38,600	53.7	230.8	36,800	105
110	40.7	212.8	34,400	47.3	222.6	36,400	50.9	226.9	34,700	110
115	37.2	206.6	33,200	44.2	217.7	34,400	48.0	222.6	32,700	115
117	35.7	203.8	32,700	42.9	215.5	33,600	46.8	220.7	32,000	117
120	33.4	199.5	32,000	41.0	212.3	32,500	45.0	217.9	31,000	120
125	29.1	191.3	31,000	37.5	206.1	30,800	41.8	212.6	29,300	125
130	24.2	181.4	29,300	33.7	199.2	29,300	38.4	206.6	27,900	130
135	18.1	168.4	27,700	29.5	191.0	27,800	34.7	199.9	26,500	135
136	16.2	164.2	27,100	28.5	189.1	27,600	33.8	198.3	26,200	136
140	8.5	147.3	24,800	24.7	181.3	26,500	30.6	192.1	25,200	140
141	4.7	138.7	22,800	23.5	178.7	26,200	29.6	190.2	25,000	141
145				18.7	168.7	25,200	25.9	182.7	24,000	145
150				9.7	148.9	24,000	20.3	171.0	22,900	150
151				6.6	141.9	23,800	18.7	167.6	22,700	151
154							14.0	157.4	22,000	154
155							12.4	154.0	21,800	155
158							1.7	129.7	21,200	158
160										160
165										165
168										168
170										170
175										175
178										178
180										180
185										185
187										187
190										190
195										195
196										196

MLC250 S-1

ASME B30.5



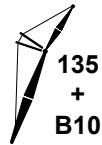
149,600 lb
+
0 lb



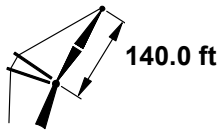
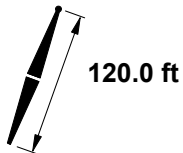
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
43													43
45													45
50													50
55													55
60													60
65													65
70													70
75													75
77													77
80													80
85													85
90													90
95													95
98	62.6	239.0	37,000										98
100	61.6	237.9	36,100										100
105	59.1	235.1	33,900										105
110	56.5	231.9	31,900										110
115	53.8	228.4	30,100										115
117	52.7	226.9	29,400	58.0	230.5	26,800							117
120	51.0	224.6	28,400	56.5	228.5	25,900							120
125	48.1	220.3	26,900	53.8	225.0	24,500							125
130	45.1	215.6	25,500	51.0	221.2	23,200							130
135	41.9	210.3	24,300	48.1	216.9	22,100							135
136	41.2	209.1	24,000	47.5	216.0	21,800	53.0	219.8	19,700				136
140	38.5	204.4	23,100	45.1	212.2	21,000	50.8	216.7	18,900				140
141	37.7	203.1	22,900	44.4	211.1	20,800	50.2	215.8	18,700				141
145	34.8	197.7	22,000	41.9	206.9	20,000	47.9	212.4	18,000				145
150	30.7	189.9	21,000	38.4	201.0	19,000	44.8	207.6	17,100				150
151	29.8	188.0	20,800	37.7	199.6	18,800	44.2	206.5	17,000				151
154	27.0	182.5	20,200	35.5	195.6	18,300	42.2	203.3	16,500	48.0	207.5	14,700	154
155	26.1	180.7	20,000	34.7	194.2	18,100	41.6	202.3	16,300	47.4	206.6	14,500	155
158	22.7	173.7	19,400	32.3	189.6	17,600	39.5	198.7	15,800	45.5	203.7	14,100	158
160	20.5	169.0	19,100	30.7	186.4	17,300	38.1	196.3	15,500	44.3	201.8	13,800	160
165	12.8	152.3	18,200	26.0	177.2	16,500	34.4	189.5	14,800	41.0	196.3	13,200	165
168	3.4	131.3	17,600	22.6	170.2	16,100	31.9	184.7	14,400	39.0	192.7	12,800	168
170				20.4	165.5	15,800	30.3	181.6	14,200	37.6	190.2	12,600	170
175				12.7	148.7	15,000	25.6	172.1	13,500	33.8	183.3	12,000	175
178				2.8	126.6	14,600	22.2	165.0	13,100	31.3	178.4	11,600	178
180							19.9	160.2	12,900	29.6	175.2	11,400	180
185							11.8	142.6	12,300	24.8	165.4	10,900	185
187							6.2	130.0	12,000	22.4	160.4	10,700	187
190										18.8	152.9	10,400	190
195										9.9	133.4	9,900	195
196										6.9	126.7	9,700	196

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



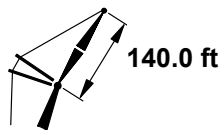
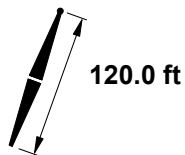
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
46	75.7	263.7	47,500 b						46	
50	74.0	262.6	46,800 b						50	
55	71.9	261.1	45,900						55	
60	69.7	259.3	45,000						60	
65	67.5	257.4	44,200						65	
68	66.2	256.1	43,500	70.8	259.2	46,000			68	
70	65.3	255.2	43,100	69.9	258.5	45,700			70	
75	63.0	252.8	41,400	67.7	256.5	45,000			75	
80	60.7	250.1	39,700	65.5	254.4	43,700			80	
81	60.2	249.5	39,400	65.0	253.9	43,300	67.8	255.6	44,700	81
85	58.3	247.2	38,100	63.2	252.0	42,000	66.0	253.9	43,900	85
90	55.9	243.9	36,500	60.9	249.3	40,300	63.7	251.5	42,300	90
95	53.4	240.4	35,000	58.5	246.4	38,700	61.4	248.9	40,700	95
100	50.8	236.5	33,600	56.1	243.2	37,100	59.1	246.1	38,900	100
102	49.7	234.7	33,100	55.1	241.8	36,500	58.1	244.8	38,000	102
105	48.1	232.2	32,200	53.6	239.7	35,600	56.7	242.9	36,500	105
110	45.3	227.5	30,900	51.0	235.8	34,200	54.2	239.5	34,400	110
115	42.3	222.2	29,700	48.3	231.5	32,800	51.6	235.7	32,400	115
120	39.2	216.4	28,500	45.5	226.9	31,500	49.0	231.5	30,700	120
123	37.1	212.5	27,800	43.7	223.7	30,700	47.3	228.8	29,700	123
125	35.8	209.9	27,400	42.6	221.7	30,200	46.2	227.0	29,100	125
130	32.1	202.5	26,400	39.4	215.9	29,000	43.3	221.9	27,600	130
135	28.0	193.9	25,400	36.1	209.5	27,600	40.2	216.3	26,200	135
140	23.3	183.5	24,500	32.5	202.1	26,300	36.9	210.0	24,900	140
142	21.0	178.1	24,200	30.8	198.7	25,800	35.5	207.2	24,500	142
145	17.4	170.0	23,800	28.4	193.6	25,000	33.4	202.9	23,800	145
150	8.2	148.0	22,100	23.8	183.4	23,900	29.4	194.7	22,700	150
151	4.5	139.1	20,300	22.6	180.8	23,700	28.5	192.8	22,500	151
155				18.0	170.3	22,800	24.9	185.0	21,600	155
160				9.3	149.7	21,700	19.5	172.8	20,700	160
161				6.3	142.5	21,500	18.0	169.2	20,500	161
165							12.0	155.1	19,700	165
168							1.6	129.8	19,100	168
170										170
175										175
178										178
180										180
185										185
188										188
190										190
195										195
197										197
200										200
206										206

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



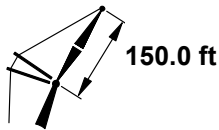
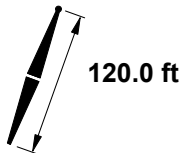
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
46													46
50													50
55													55
60													60
65													65
68													68
70													70
75													75
80													80
81													81
85													85
90													90
95													95
100													100
102	62.9	248.1	34,800										102
105	61.5	246.6	33,500										105
110	59.2	243.7	31,500										110
115	56.8	240.6	29,700										115
120	54.3	237.2	28,100										120
123	52.7	234.9	27,200	57.7	238.5	24,700							123
125	51.7	233.4	26,600	56.7	237.2	24,200							125
130	49.0	229.2	25,200	54.2	233.8	22,900							130
135	46.3	224.7	23,900	51.7	230.0	21,700							135
140	43.4	219.7	22,800	49.0	225.8	20,600							140
142	42.1	217.4	22,300	47.9	224.0	20,200	53.0	227.8	18,200				142
145	40.3	214.1	21,700	46.2	221.3	19,600	51.5	225.5	17,600				145
150	37.0	207.8	20,700	43.3	216.2	18,700	48.8	221.3	16,700				150
151	36.3	206.4	20,500	42.7	215.1	18,500	48.2	220.4	16,600				151
155	33.5	200.8	19,700	40.3	210.6	17,800	46.0	216.7	15,900				155
160	29.6	192.6	18,800	37.0	204.4	17,000	43.1	211.6	15,200				160
161	28.7	190.7	18,600	36.3	203.0	16,800	42.5	210.5	15,000	47.8	214.7	13,300	161
165	25.1	182.9	18,000	33.4	197.3	16,200	40.0	206.0	14,500	45.5	210.9	12,800	165
168	21.9	175.7	17,500	31.1	192.4	15,800	38.0	202.2	14,100	43.8	207.8	12,400	168
170	19.8	170.8	17,200	29.5	189.1	15,500	36.7	199.7	13,800	42.6	205.8	12,200	170
175	12.3	153.4	16,400	25.0	179.4	14,800	33.1	192.5	13,200	39.5	200.0	11,600	175
178	3.3	131.6	15,900	21.8	172.1	14,400	30.8	187.5	12,800	37.5	196.1	11,300	178
180				19.7	167.3	14,100	29.2	184.2	12,600	36.2	193.6	11,100	180
185				12.2	149.7	13,500	24.7	174.4	12,000	32.5	186.2	10,600	185
188				2.7	126.8	13,100	21.4	166.9	11,700	30.1	181.1	10,300	188
190							19.2	161.9	11,500	28.5	177.8	10,100	190
195							11.4	143.6	10,900	23.8	167.6	9,600	195
197							6.0	130.5	10,700	21.6	162.4	9,400	197
200										18.1	154.5	9,100	200
206										6.7	127.3	8,600	206

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



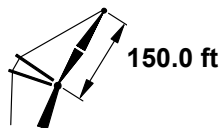
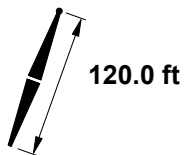
	88°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
48	75.9	273.5	44,200						48	
50	75.1	273.0	43,900						50	
55	73.1	271.6	43,000						55	
60	71.1	270.0	42,300						60	
65	69.1	268.1	41,500						65	
70	67.0	266.1	39,800						70	
71	66.6	265.7	39,500	70.9	268.7	42,500			71	
75	64.9	263.9	38,200	69.3	267.3	41,800			75	
80	62.8	261.4	36,600	67.2	265.3	40,200			80	
85	60.6	258.8	35,000	65.1	263.1	38,700	67.7	264.7	40,300	85
90	58.4	255.8	33,500	63.0	260.6	37,000	65.6	262.6	38,800	90
95	56.2	252.6	32,100	60.8	258.0	35,500	63.5	260.2	37,400	95
100	53.8	249.1	30,700	58.6	255.1	34,000	61.3	257.6	35,900	100
105	51.4	245.3	29,400	56.3	251.9	32,600	59.1	254.7	34,400	105
107	50.4	243.6	28,900	55.4	250.5	32,000	58.2	253.5	33,900	107
110	48.9	241.1	28,100	54.0	248.4	31,200	56.9	251.6	33,000	110
115	46.3	236.5	26,900	51.6	244.6	29,900	54.6	248.2	31,600	115
120	43.6	231.5	25,700	49.1	240.5	28,600	52.2	244.5	30,300	120
125	40.8	226.0	24,600	46.6	235.9	27,300	49.7	240.4	29,000	125
128	39.0	222.4	24,000	44.9	232.9	26,600	48.2	237.8	28,100	128
130	37.8	219.9	23,600	43.9	231.0	26,100	47.2	236.0	27,500	130
135	34.5	213.1	22,500	41.0	225.5	25,000	44.5	231.2	26,100	135
140	31.0	205.3	21,600	38.0	219.4	23,900	41.7	225.8	24,900	140
145	27.1	196.3	20,800	34.8	212.7	23,000	38.8	219.9	23,700	145
148	24.3	189.8	20,300	32.7	208.1	22,400	36.9	215.9	23,100	148
150	22.5	185.5	20,000	31.3	205.0	22,000	35.6	213.3	22,600	150
155	16.9	171.5	19,300	27.4	196.1	21,100	32.2	205.9	21,600	155
160	7.9	148.7	18,800	22.9	185.5	20,300	28.4	197.3	20,600	160
161	4.4	139.5	18,400	21.8	182.7	20,100	27.5	195.3	20,500	161
165				17.4	171.9	19,500	24.1	187.2	19,700	165
168				12.4	159.1	19,200	20.9	179.5	19,200	168
170				9.0	150.6	19,000	18.9	174.5	18,900	170
171				6.1	143.0	19,000	17.4	170.8	18,700	171
175							11.6	156.1	18,100	175
178							1.5	130.0	17,500	178
180										180
185										185
188										188
190										190
198										198
200										200
207										207
210										210
216										216

MLC250 S-1

ASME B30.5



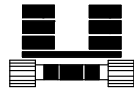
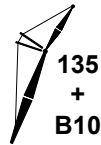
149,600 lb
+
0 lb



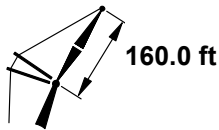
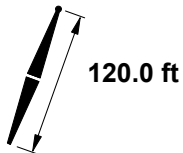
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
48													48
50													50
55													55
60													60
65													65
70													70
71													71
75													75
80													80
85													85
90													90
95													95
100													100
105													105
107	62.7	256.8	32,600										107
110	61.4	255.2	31,400										110
115	59.2	252.4	29,600										115
120	57.0	249.3	28,000										120
125	54.7	245.9	26,500										125
128	53.2	243.6	25,700	57.8	247.2	23,300							128
130	52.3	242.2	25,100	56.9	245.9	22,800							130
135	49.8	238.1	23,900	54.6	242.5	21,600							135
140	47.3	233.7	22,700	52.2	238.8	20,500							140
145	44.6	228.9	21,600	49.8	234.7	19,500							145
148	42.9	225.7	21,000	48.3	232.1	19,000	53.0	235.8	17,000				148
150	41.8	223.6	20,600	47.2	230.3	18,600	52.1	234.3	16,700				150
155	38.9	217.7	19,600	44.6	225.5	17,700	49.6	230.2	15,900				155
160	35.7	211.1	18,800	41.8	220.1	16,900	47.0	225.7	15,100				160
161	35.0	209.6	18,600	41.2	219.0	16,800	46.5	224.8	15,000				161
165	32.3	203.7	17,900	38.8	214.2	16,200	44.4	220.9	14,400				165
168	30.0	198.6	17,500	36.9	210.3	15,700	42.7	217.6	14,000	47.7	221.8	12,400	168
170	28.5	195.2	17,200	35.7	207.7	15,400	41.6	215.5	13,700	46.6	220.0	12,100	170
171	27.7	193.2	17,000	35.0	206.2	15,300	41.0	214.3	13,600	46.1	219.0	12,000	171
175	24.3	185.1	16,400	32.3	200.2	14,800	38.6	209.6	13,100	43.9	215.0	11,500	175
178	21.1	177.6	16,000	30.0	195.1	14,400	36.7	205.6	12,800	42.2	211.8	11,200	178
180	19.1	172.5	15,700	28.5	191.7	14,100	35.4	202.9	12,500	41.1	209.6	11,000	180
185	11.9	154.5	15,000	24.2	181.6	13,500	32.0	195.4	12,000	38.1	203.5	10,500	185
188	3.2	131.8	14,600	21.1	174.0	13,100	29.7	190.2	11,700	36.2	199.5	10,200	188
190				19.0	169.0	12,900	28.2	186.8	11,400	34.9	196.8	10,000	190
198				2.6	127.0	11,900	20.4	168.2	10,600	29.0	183.5	9,300	198
200							18.5	163.6	10,400	27.5	180.2	9,100	200
207							5.7	131.0	9,700	20.5	163.3	8,500	207
210										17.5	156.1	8,300	210
216										6.5	127.8	7,700	216

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



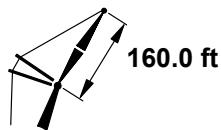
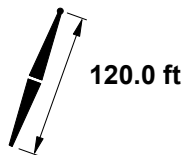
	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
51	75.7	283.1	40,700							51
55	74.2	282.0	40,100							55
60	72.3	280.5	39,400							60
65	70.4	278.8	38,000							65
70	68.5	276.9	36,400							70
74	67.0	275.3	35,100	71.0	278.3	38,500				74
75	66.6	274.9	34,800	70.6	277.9	38,200				75
80	64.6	272.6	33,300	68.7	276.1	36,600				80
85	62.6	270.1	31,800	66.8	274.0	35,200				85
88	61.4	268.5	30,900	65.6	272.7	34,200	68.0	274.3	35,800	88
90	60.6	267.4	30,300	64.8	271.8	33,600	67.2	273.5	35,300	90
95	58.5	264.5	29,000	62.8	269.3	32,200	65.3	271.3	33,900	95
100	56.4	261.3	27,600	60.8	266.6	30,800	63.3	268.9	32,500	100
105	54.2	257.8	26,300	58.7	263.7	29,400	61.3	266.3	31,100	105
110	52.0	254.1	25,100	56.6	260.6	28,000	59.2	263.4	29,700	110
111	51.5	253.3	24,800	56.1	259.9	27,800	58.8	262.8	29,400	111
115	49.7	250.0	23,900	54.4	257.1	26,800	57.1	260.3	28,400	115
120	47.3	245.6	22,700	52.2	253.4	25,500	54.9	256.9	27,100	120
125	44.8	240.7	21,600	49.9	249.3	24,300	52.7	253.3	25,800	125
130	42.2	235.5	20,600	47.5	244.9	23,100	50.4	249.3	24,600	130
133	40.5	232.0	20,000	46.0	242.1	22,400	49.0	246.7	23,900	133
135	39.4	229.7	19,600	45.0	240.2	22,000	48.1	245.0	23,400	135
140	36.5	223.3	18,700	42.4	234.9	20,900	45.6	240.3	22,400	140
145	33.4	216.1	17,800	39.7	229.2	19,900	43.0	235.2	21,200	145
150	30.0	208.0	17,000	36.8	222.8	19,000	40.3	229.6	20,300	150
154	27.0	200.5	16,400	34.3	217.2	18,300	38.1	224.6	19,500	154
155	26.2	198.7	16,200	33.7	215.7	18,100	37.5	223.4	19,300	155
160	21.8	187.4	15,500	30.3	207.7	17,200	34.5	216.5	18,400	160
165	16.3	173.0	14,500	26.5	198.5	16,400	31.1	208.7	17,500	165
170	7.7	149.4	13,700	22.2	187.5	15,700	27.5	199.8	16,700	170
171	4.2	139.8	13,600	21.1	184.6	15,500	26.6	197.7	16,500	171
174				17.9	176.2	14,900	24.1	191.4	16,100	174
175				16.8	173.4	14,700	23.3	189.3	15,900	175
180				8.7	151.3	13,800	18.3	176.1	15,000	180
181				5.9	143.6	13,700	16.2	170.3	14,800	181
188							1.5	130.1	13,700	188
190										190
198										198
200										200
208										208
210										210
217										217
220										220
226										226

MLC250 S-1

ASME B30.5



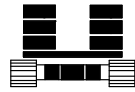
149,600 lb
+
0 lb



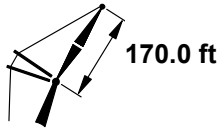
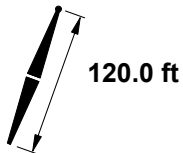
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
51													51
55													55
60													60
65													65
70													70
74													74
75													75
80													80
85													85
88													88
90													90
95													95
100													100
105													105
110													110
111	63.0	266.0	30,700										111
115	61.3	263.9	29,300										115
120	59.3	261.0	27,700										120
125	57.2	257.9	26,200										125
130	55.0	254.6	24,800										130
133	53.7	252.4	24,000	58.0	255.8	21,700							133
135	52.8	250.9	23,500	57.1	254.6	21,300							135
140	50.5	247.0	22,400	55.0	251.2	20,200							140
145	48.1	242.7	21,300	52.8	247.5	19,200							145
150	45.7	238.0	20,300	50.5	243.6	18,300							150
154	43.6	233.9	19,500	48.6	240.1	17,600	53.0	243.8	15,600				154
155	43.1	232.9	19,300	48.1	239.3	17,400	52.6	243.0	15,500				155
160	40.4	227.3	18,500	45.7	234.6	16,600	50.3	239.1	14,700				160
165	37.6	221.1	17,600	43.1	229.5	15,800	47.9	234.7	14,000				165
170	34.6	214.3	16,900	40.4	223.9	15,100	45.5	230.0	13,400				170
171	33.9	212.7	16,700	39.8	222.6	15,000	44.9	229.0	13,300				171
174	31.9	208.1	16,300	38.1	218.9	14,600	43.4	225.9	12,900	48.0	229.9	11,300	174
175	31.3	206.5	16,100	37.6	217.7	14,400	42.9	224.9	12,800	47.5	229.0	11,200	175
180	27.6	197.7	15,400	34.5	210.8	13,800	40.2	219.2	12,200	45.0	224.2	10,600	180
181	26.7	195.3	15,300	33.8	209.2	13,700	39.6	217.9	12,100	44.5	223.1	10,500	181
188	20.3	178.9	14,400	29.0	197.5	12,900	35.4	208.7	11,300	40.8	215.4	9,900	188
190	18.5	174.2	14,200	27.6	194.2	12,600	34.3	206.1	11,100	39.7	213.3	9,700	190
198	3.1	132.1	13,100	20.2	175.3	11,800	28.7	192.6	10,300	34.9	202.5	8,900	198
200				18.4	170.6	11,500	27.3	189.2	10,100	33.7	199.9	8,800	200
208				2.5	127.3	10,700	19.8	170.0	9,400	28.0	186.1	8,100	208
210							17.9	165.2	9,200	26.6	182.7	8,000	210
217							5.6	131.5	8,600	19.8	165.1	7,400	217
220										17.0	157.6	7,200	220
226										6.2	128.4	6,700	226

MLC250 S-1

ASME B30.5



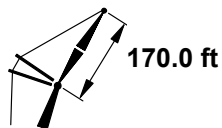
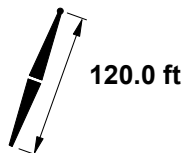
149,600 lb
+
0 lb



	88°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
53	75.9	292.9	37,600						53	
55	75.2	292.4	37,400						55	
60	73.4	291.0	36,600						60	
65	71.6	289.4	35,100						65	
70	69.9	287.6	33,600						70	
75	68.0	285.7	32,000						75	
78	66.9	284.4	31,200	70.7	287.5	34,300			78	
80	66.2	283.6	30,600	70.0	286.8	33,700			80	
85	64.4	281.3	29,200	68.2	284.9	32,300			85	
90	62.5	278.8	27,800	66.4	282.8	30,900			90	
92	61.7	277.7	27,300	65.6	281.8	30,300	67.9	283.5	31,800	92
95	60.6	276.1	26,500	64.5	280.5	29,500	66.8	282.2	31,000	95
100	58.6	273.1	25,200	62.6	278.0	28,200	65.0	280.0	29,700	100
105	56.6	270.0	23,900	60.7	275.3	26,800	63.1	277.6	28,400	105
110	54.6	266.5	22,800	58.8	272.4	25,600	61.2	274.9	27,100	110
115	52.5	262.8	21,600	56.8	269.2	24,300	59.2	272.1	25,800	115
116	52.0	262.0	21,400	56.4	268.5	24,100	58.8	271.4	25,600	116
120	50.3	258.9	20,500	54.7	265.8	23,100	57.3	269.0	24,600	120
125	48.1	254.5	19,500	52.7	262.2	21,900	55.2	265.6	23,400	125
130	45.8	249.9	18,500	50.5	258.2	20,800	53.2	262.0	22,300	130
135	43.4	244.8	17,500	48.3	253.9	19,700	51.0	258.1	21,200	135
139	41.4	240.4	16,800	46.4	250.2	18,900	49.3	254.8	20,300	139
140	40.9	239.3	16,600	46.0	249.3	18,700	48.8	253.9	20,100	140
145	38.2	233.2	15,700	43.6	244.2	17,700	46.5	249.4	19,000	145
150	35.4	226.5	14,900	41.1	238.7	16,800	44.2	244.4	18,100	150
155	32.4	219.1	14,100	38.5	232.7	16,000	41.7	239.0	17,100	155
160	29.1	210.7	13,100	35.7	226.1	15,100	39.1	233.2	16,300	160
165	25.4	201.0	12,200	32.7	218.7	14,300	36.3	226.7	15,400	165
170	21.1	189.3	11,400	29.4	210.4	13,300	33.4	219.5	14,600	170
175	15.8	174.4	10,500	25.7	200.8	12,400	30.2	211.5	13,600	175
180	7.5	150.1	9,800	21.5	189.4	11,600	26.6	202.2	12,600	180
181	4.1	140.2	9,700	20.5	186.5	11,400	25.8	200.0	12,500	181
185				16.3	174.8	10,700	22.6	191.3	11,800	185
190				8.5	152.1	9,900	17.7	177.7	10,900	190
191				5.8	144.1	9,900	16.3	173.7	10,700	191
195							10.9	158.0	10,100	195
198							1.4	130.2	9,800	198
200										200
208										208
210										210
218										218
220										220
227										227
230										230

MLC250 S-1

ASME B30.5



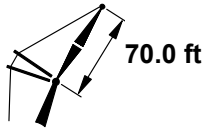
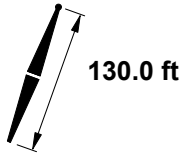
	75°			70°			65°			60°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
53													53
55													55
60													60
65													65
70													70
75													75
78													78
80													80
85													85
90													90
92													92
95													95
100													100
105													105
110													110
115													115
116	62.8	274.7	27,800										116
120	61.3	272.6	26,900										120
125	59.3	269.7	25,700										125
130	57.3	266.6	24,500										130
135	55.3	263.3	23,300										135
139	53.6	260.4	22,400	57.7	263.9	20,100							139
140	53.2	259.7	22,100	57.3	263.2	19,900							140
145	51.1	255.8	21,100	55.3	259.9	18,900							145
150	48.9	251.6	20,100	53.2	256.3	18,000							150
155	46.6	247.1	19,100	51.1	252.4	17,100							155
160	44.3	242.1	18,100	48.9	248.2	16,300	53.0	251.8	14,500				160
165	41.8	236.8	17,200	46.6	243.7	15,600	50.9	247.9	13,800				165
170	39.2	230.9	16,300	44.2	238.7	14,900	48.7	243.7	13,100				170
175	36.4	224.5	15,500	41.7	233.4	14,200	46.4	239.1	12,500				175
180	33.5	217.3	14,600	39.2	227.5	13,600	44.0	234.1	12,000				180
181	32.9	215.7	14,400	38.6	226.2	13,500	43.5	233.0	11,800	47.9	237.0	10,300	181
185	30.3	209.3	13,700	36.4	221.0	13,000	41.5	228.7	11,400	46.0	233.3	9,900	185
190	26.8	200.1	12,700	33.5	213.9	12,400	38.9	222.8	10,900	43.6	228.3	9,400	190
191	26.0	197.9	12,600	32.8	212.3	12,300	38.4	221.5	10,800	43.1	227.2	9,300	191
195	22.8	189.3	11,900	30.3	205.8	11,900	36.2	216.3	10,400	41.1	222.8	9,000	195
198	19.8	181.2	11,300	28.1	200.3	11,600	34.4	212.0	10,100	39.6	219.2	8,700	198
200	17.9	175.8	11,000	26.7	196.6	11,400	33.2	209.1	9,900	38.5	216.8	8,500	200
208	3.0	132.4	9,800	19.6	177.1	10,600	27.8	195.1	9,200	33.9	205.6	7,900	208
210				17.8	172.2	10,400	26.4	191.6	9,100	32.7	202.8	7,700	210
218				2.5	127.5	9,600	19.2	171.7	8,400	27.2	188.6	7,100	218
220							17.4	166.7	8,200	25.8	185.0	6,900	220
227							5.4	132.0	7,700	19.2	166.9	6,400	227
230										16.4	159.1	6,200	230

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ASME B30.5



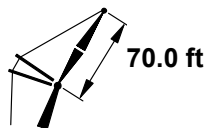
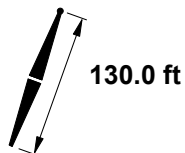
149,600 lb
+
0 lb



	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
29	75.8	205.9	103,700 d						29	
30	74.9	205.6	103,600 d						30	
35	70.6	204.1	103,400 c						35	
40	66.2	202.1	103,200 c						40	
45	61.7	199.6	101,800 c						45	
46	60.7	199.0	101,000 c	70.9	203.1	107,300 d			46	
50	56.9	196.7	97,400 b	67.4	201.6	100,600 c			50	
55	51.9	193.1	93,600 b	62.9	199.2	88,900 c			55	
56	50.8	192.2	92,000 b	61.9	198.7	87,100 c	68.0	200.7	83,100 c	
60	46.5	188.8	85,400 b	58.2	196.4	79,600 b	64.4	199.0	76,000 c	
65	40.5	183.5	77,200	53.2	193.0	71,900 b	59.8	196.3	68,700 b	
70	33.7	176.9	70,300	47.9	188.9	65,500	54.9	193.1	62,500 b	
73	28.8	171.6	66,700	44.4	185.9	62,200	51.8	190.8	59,400 b	
75	25.4	168.1	64,400	42.1	183.9	60,000	49.8	189.3	57,300	
80	13.0	153.7	53,100	35.6	177.7	55,300	44.2	184.6	52,900	
81	8.6	148.5	49,200	34.0	176.1	54,500	42.9	183.4	52,100	
85				27.8	169.6	51,200	37.9	178.9	49,000	
89				19.2	159.9	48,300	32.1	173.0	46,200	
90				17.1	157.5	47,600	30.7	171.5	45,500	
93				2.7	140.2	45,400	25.1	165.4	43,700	
95							21.3	161.3	42,400	
99							8.6	146.3	40,100	
100									100	
105									105	
110									110	
115									115	
119									119	
120									120	
121									121	
125									125	
130									130	
131									131	
135									135	
140									140	
141									141	

MLC250 S-1

ASME B30.5



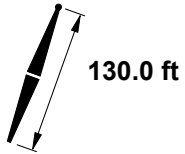
	75°			70°			65°			60°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
29													29
30													30
35													35
40													40
45													45
46													46
50													50
55													55
56													56
60													60
65													65
70													70
73	62.6	195.3	54,700 b										73
75	60.8	194.3	52,900 b										75
80	56.0	191.2	48,800 b										80
81	54.9	190.4	48,000 b										81
85	50.9	187.5	45,200 b										85
89	46.5	183.9	42,600 b	57.7	188.7	39,000 b							89
90	45.4	183.0	42,000	56.7	188.1	38,500 b							90
93	41.7	179.7	40,300	53.7	185.9	36,900 b							93
95	39.3	177.5	39,200	51.7	184.5	35,900 b							95
99	33.7	171.9	37,200	47.3	181.0	34,100 b							99
100	32.3	170.6	36,700	46.2	180.1	33,600							100
105	23.5	161.1	34,400	40.3	174.8	31,600	52.1	180.3	28,700 b				105
110	8.8	143.9	32,300	33.4	168.1	29,700	46.7	176.0	27,000				110
115				25.0	159.2	27,900	40.8	170.8	25,400				115
119				14.8	147.3	26,600	35.4	165.5	24,300	47.8	171.5	21,900	119
120				12.2	144.4	26,300	34.0	164.2	24,000	46.7	170.5	21,700	120
121				7.4	138.5	26,000	32.4	162.5	23,700	45.5	169.5	21,400	121
125							25.8	155.5	22,700	40.7	165.3	20,500	125
130							13.7	141.6	21,400	34.0	158.8	19,400	130
131							9.6	136.7	21,100	32.3	157.0	19,100	131
135										25.8	150.1	18,300	135
140										13.6	136.0	17,300	140
141										9.4	131.1	17,100	141

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ASME B30.5



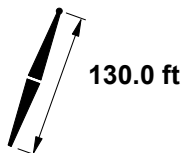
149,600 lb
+
0 lb



	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
32	75.4	215.4	95,300 d							32
35	73.1	214.6	95,000 d							35
40	69.4	212.9	94,700 c							40
45	65.5	210.8	93,700 c							45
50	61.5	208.3	89,600 c	70.3	212.3	98,200 c				50
55	57.3	205.4	85,800 b	66.5	210.3	88,600 c				55
60	52.9	201.9	82,400 b	62.5	207.9	79,300 b	67.8	209.9	75,700 c	60
65	48.3	197.8	77,100 b	58.4	205.1	71,600 b	63.9	207.7	68,300 b	65
70	43.3	192.9	70,200	54.1	201.7	65,200	59.8	205.0	62,200 b	70
75	37.8	187.1	64,300	49.5	197.8	59,800	55.6	201.8	57,000	75
78	34.0	182.7	61,300	46.6	195.0	57,000	52.9	199.6	54,400	78
80	31.5	179.8	59,300	44.6	193.2	55,100	51.1	198.1	52,600	80
85	23.8	170.3	54,900	39.3	187.6	51,100	46.4	193.7	48,700	85
90	12.1	154.8	46,800	33.2	180.8	47,500	41.2	188.5	45,300	90
91	8.0	149.2	43,500	31.8	179.0	46,900	40.0	187.2	44,700	91
94				27.4	173.7	45,000	36.6	183.4	42,900	94
95				26.0	172.0	44,300	35.4	182.2	42,300	95
100				15.9	158.9	41,500	28.6	174.2	39,600	100
103				2.5	140.4	39,800	23.4	167.5	38,100	103
105							19.9	163.1	37,200	105
109							8.1	147.0	35,300	109
110										110
111										111
115										115
120										120
125										125
126										126
130										130
131										131
135										135
140										140
141										141
145										145
150										150
151										151

MLC250 S-1

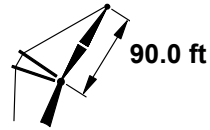
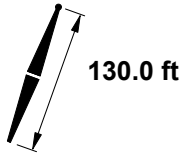
ASME B30.5



	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
32													32
35													35
40													40
45													45
50													50
55													55
60													60
65													65
70													70
75													75
78	62.3	204.0	50,000 b										78
80	60.7	202.9	48,400 b										80
85	56.5	199.9	44,800										85
90	52.1	196.3	41,700										90
91	51.1	195.4	41,100										91
94	48.3	192.9	39,500	58.0	197.4	36,000 b							94
95	47.4	192.0	38,900	57.1	196.8	35,500 b							95
100	42.3	187.0	36,400	52.8	193.3	33,300							100
103	38.9	183.4	35,100	50.0	190.8	32,000							103
105	36.7	180.9	34,200	48.1	189.1	31,200							105
109	31.5	174.9	32,600	44.1	185.2	29,700							109
110	30.2	173.4	32,200	43.1	184.2	29,400							110
111	28.5	171.3	31,800	42.0	183.0	29,000	52.2	188.3	26,300				111
115	22.0	163.1	30,300	37.6	178.3	27,700	48.5	185.0	25,100				115
120	8.2	144.6	28,500	31.2	171.0	26,100	43.5	180.1	23,700				120
125				23.4	161.3	24,700	38.0	174.3	22,400				125
126				21.0	158.1	24,400	36.8	172.9	22,100	47.5	178.6	19,900	126
130				11.4	145.4	23,300	31.8	167.2	21,200	43.5	174.7	19,000	130
131				6.9	139.2	23,000	30.2	165.3	21,000	42.4	173.5	18,800	131
135							24.1	157.7	20,100	38.0	168.9	18,000	135
140							12.8	142.7	19,000	31.7	161.7	17,100	140
141							9.0	137.5	18,700	30.2	159.8	16,900	141
145										24.1	152.3	16,200	145
150										12.7	137.2	15,300	150
151										8.8	131.9	15,100	151

MLC250 S-1

ASME B30.5



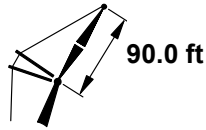
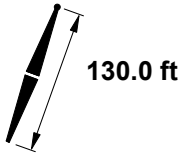
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
34	75.7	225.2	86,000 d							34
35	75.1	225.0	85,900 d							35
40	71.7	223.5	85,500 c							40
45	68.3	221.7	82,100 c							45
50	64.9	219.5	78,600 c							50
53	62.7	218.0	76,600 c	70.6	221.8	85,700 c				53
55	61.3	217.0	75,300 b	69.2	221.1	84,400 c				55
60	57.6	214.0	72,200 b	65.8	219.0	79,100 b				60
64	54.5	211.3	70,000 b	62.9	217.1	73,000 b	67.7	219.1	69,500 b	64
65	53.8	210.6	69,400 b	62.2	216.6	71,400 b	67.0	218.6	68,100 b	65
70	49.7	206.7	66,900	58.6	213.7	65,000	63.5	216.3	62,000 b	70
75	45.4	202.1	64,300	54.8	210.5	59,600	59.9	213.6	56,900	75
80	40.7	196.7	59,300	50.8	206.7	55,000	56.1	210.5	52,400	80
82	38.7	194.2	57,500	49.1	204.9	53,400	54.5	209.1	50,900	82
85	35.6	190.4	54,900	46.5	202.3	51,000	52.2	206.9	48,600	85
90	29.7	182.6	51,100	42.0	197.1	47,400	48.0	202.7	45,200	90
95	22.4	172.3	47,700	37.0	191.0	44,300	43.6	197.9	42,200	95
100	11.4	155.9	41,200	31.3	183.7	41,500	38.7	192.1	39,500	100
101	7.6	149.9	38,400	29.9	181.8	41,000	37.6	190.7	39,000	101
105				24.5	174.2	39,000	33.3	185.3	37,100	105
110				15.0	160.3	36,600	27.0	176.6	34,900	110
113				2.4	140.6	35,200	22.1	169.5	33,700	113
115							18.8	164.8	32,900	115
117							13.2	156.3	32,200	117
119							7.6	147.7	31,400	119
120										120
125										125
130										130
133										133
135										135
140										140
141										141
145										145
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161										161

MLC250 S-1

ASME B30.5



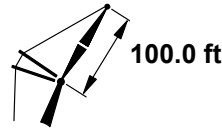
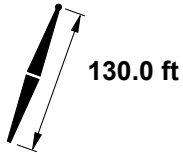
149,600 lb
+
0 lb



	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
34													34
35													35
40													40
45													45
50													50
53													53
55													55
60													60
64													64
65													65
70													70
75													75
80													80
82	62.8	213.2	46,700 b										82
85	60.6	211.6	44,600										85
90	56.9	208.5	41,500										90
95	53.0	205.0	38,700										95
100	48.9	201.0	36,300	57.5	205.4	33,000							100
101	48.0	200.0	35,800	56.7	204.8	32,600							101
105	44.5	196.3	34,000	53.6	202.0	31,000							105
110	39.8	190.7	32,100	49.5	198.0	29,200							110
113	36.6	186.8	31,000	46.9	195.3	28,200							113
115	34.5	184.1	30,200	45.2	193.4	27,500							115
117	32.0	180.9	29,600	43.3	191.3	26,900	52.3	196.3	24,300				117
119	29.6	177.6	28,900	41.4	189.1	26,300	50.7	194.7	23,700				119
120	28.4	176.0	28,600	40.5	188.0	26,000	49.9	193.9	23,500				120
125	20.7	165.0	27,000	35.3	181.6	24,600	45.6	189.3	22,200				125
130	7.7	145.3	25,500	29.4	173.7	23,300	40.9	184.0	21,000				130
133				25.0	167.5	22,600	37.8	180.2	20,400	47.3	185.8	18,200	133
135				22.0	163.4	22,100	35.8	177.7	19,900	45.5	183.9	17,800	135
140				10.7	146.4	20,900	29.9	169.9	18,900	40.9	178.5	16,900	140
141				6.5	139.8	20,700	28.5	167.9	18,700	39.9	177.3	16,700	141
145							22.7	159.8	18,000	35.7	172.2	16,000	145
150							12.0	143.8	17,000	29.9	164.5	15,200	150
151							8.5	138.3	16,800	28.4	162.4	15,100	151
155										22.7	154.3	14,400	155
160										11.9	138.3	13,700	160
161										8.3	132.7	13,500	161

MLC250 S-1

ASME B30.5



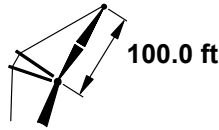
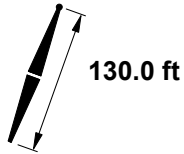
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
36	76.0	235.1	78,900 d						36	
40	73.6	234.0	78,400 c						40	
45	70.6	232.4	76,900 c						45	
50	67.5	230.4	73,500 c						50	
55	64.4	228.2	70,200 b						55	
56	63.8	227.7	69,600 b	70.8	231.4	77,900 b			56	
60	61.2	225.6	67,200 b	68.3	229.9	75,300 b			60	
65	57.9	222.7	64,400	65.2	227.7	71,100 b			65	
68	55.8	220.7	62,800	63.3	226.2	67,300 b	67.5	228.2	64,000 b	68
70	54.4	219.3	61,800	62.0	225.3	64,700	66.3	227.4	61,700 b	70
75	50.8	215.5	59,300	58.7	222.4	59,300	63.1	225.0	56,500	75
80	47.0	211.2	57,000	55.3	219.2	54,700	59.9	222.3	52,100	80
85	42.9	206.1	54,800	51.7	215.5	50,700	56.5	219.2	48,200	85
87	41.2	203.8	53,200	50.2	213.8	49,300	55.1	217.8	46,900	87
90	38.5	200.3	51,000	48.0	211.2	47,200	53.0	215.7	44,900	90
95	33.7	193.5	47,300	44.0	206.4	44,000	49.3	211.6	41,900	95
100	28.1	185.1	43,800	39.7	200.8	41,300	45.4	207.0	39,200	100
105	21.2	174.2	40,800	35.0	194.3	38,800	41.2	201.7	36,900	105
110	10.8	156.8	36,800	29.6	186.4	36,500	36.7	195.5	34,700	110
111	7.2	150.5	34,400	28.3	184.4	36,100	35.6	194.1	34,300	111
115				23.2	176.3	34,400	31.6	188.2	32,800	115
120				14.3	161.6	32,500	25.6	179.0	31,000	120
123				2.2	140.8	31,400	20.9	171.4	30,000	123
125							17.8	166.4	29,300	125
129							7.2	148.4	28,000	129
130										130
135										135
139										139
140										140
145										145
150										150
151										151
155										155
160										160
161										161
165										165
170										170
171										171

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



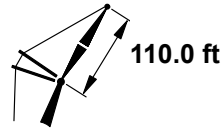
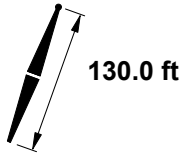
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
36													36
40													40
45													45
50													50
55													55
56													56
60													60
65													65
68													68
70													70
75													75
80													80
85													85
87	62.5	221.9	42,900										87
90	60.5	220.2	41,100										90
95	57.2	217.2	38,400										95
100	53.7	213.8	35,900										100
105	50.1	209.9	33,700	57.7	214.1	30,600							105
110	46.2	205.4	31,700	54.3	210.7	28,800							110
111	45.4	204.4	31,400	53.5	210.0	28,500							111
115	42.1	200.2	29,900	50.6	206.9	27,100							115
120	37.7	194.3	28,300	46.8	202.5	25,600							120
123	34.7	190.0	27,400	44.4	199.5	24,800	52.4	204.3	22,300				123
125	32.7	187.2	26,800	42.8	197.5	24,300	50.9	202.7	21,800				125
129	28.1	180.2	25,700	39.2	192.8	23,200	47.9	199.2	20,900				129
130	26.9	178.4	25,400	38.4	191.6	23,000	47.1	198.4	20,600				130
135	19.6	166.8	24,100	33.5	184.7	21,800	43.1	193.4	19,600				135
139	9.8	150.1	23,100	29.0	178.0	20,900	39.6	188.8	18,800	47.9	193.8	16,700	139
140	7.3	146.0	22,800	27.8	176.3	20,700	38.7	187.6	18,600	47.1	192.9	16,500	140
145				20.9	165.2	19,700	33.9	180.8	17,600	43.1	187.9	15,600	145
150				10.2	147.3	18,700	28.3	172.5	16,800	38.7	182.2	14,900	150
151				6.2	140.3	18,500	27.0	170.4	16,600	37.7	180.8	14,700	151
155							21.5	161.8	15,900	33.9	175.3	14,100	155
160							11.4	144.9	15,100	28.3	167.0	13,400	160
161							8.0	139.0	15,000	26.9	164.9	13,300	161
165										21.5	156.3	12,800	165
170										11.3	139.3	12,100	170
171										7.9	133.4	11,900	171

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ASME B30.5



149,600 lb
+
0 lb



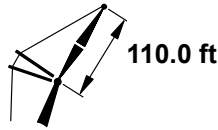
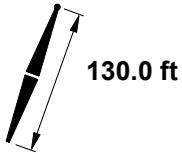
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
39	75.7	244.6	72,400 c							39
40	75.1	244.3	72,300 c							40
45	72.4	242.9	71,300 b							45
50	69.7	241.2	68,600 b							50
55	66.9	239.2	66,100 b							55
59	64.6	237.3	64,200 b	70.9	240.9	70,600 b				59
60	64.0	236.9	63,700	70.4	240.6	70,100 b				60
65	61.1	234.3	61,400	67.6	238.6	67,800				65
70	58.1	231.4	59,200	64.8	236.4	64,700				70
71	57.4	230.7	58,800	64.2	235.9	63,600	68.0	237.8	60,500	71
75	54.9	228.1	57,100	61.8	233.9	59,300	65.7	236.1	56,400	75
80	51.7	224.3	55,000	58.8	231.1	54,700	62.8	233.7	52,000	80
85	48.3	220.1	52,900	55.7	227.9	50,600	59.9	231.0	48,200	85
90	44.7	215.4	50,000	52.5	224.2	47,100	56.8	227.9	44,800	90
91	43.9	214.3	49,300	51.9	223.4	46,500	56.2	227.2	44,200	91
95	40.8	210.0	46,500	49.2	220.2	44,000	53.6	224.4	41,900	95
100	36.7	203.7	43,200	45.6	215.6	41,300	50.3	220.5	39,200	100
105	32.1	196.4	40,200	41.9	210.4	38,800	46.9	216.1	36,900	105
110	26.8	187.6	37,600	37.8	204.4	36,500	43.2	211.1	34,700	110
115	20.2	176.1	35,300	33.3	197.4	34,500	39.2	205.4	32,800	115
120	10.3	157.8	32,300	28.2	189.0	32,600	34.9	198.8	31,000	120
121	6.9	151.2	30,000	27.0	186.8	32,300	33.9	197.2	30,700	121
125				22.1	178.3	30,900	30.1	190.9	29,400	125
129				15.3	165.9	29,600	25.5	183.1	28,200	129
130				13.6	162.8	29,300	24.4	181.2	27,900	130
133				2.1	141.0	28,300	19.9	173.2	27,000	133
135							17.0	167.9	26,500	135
139							6.9	149.0	25,400	139
140										140
145										145
146										146
150										150
155										155
160										160
161										161
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MLC250 S-1

ASME B30.5



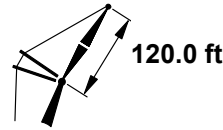
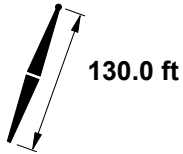
149,600 lb
+
0 lb



	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
39													39
40													40
45													45
50													50
55													55
59													59
60													60
65													65
70													70
71													71
75													75
80													80
85													85
90													90
91	62.9	231.1	40,500										91
95	60.5	228.9	38,300										95
100	57.5	225.9	35,900										100
105	54.3	222.5	33,700										105
110	51.0	218.7	31,700	57.9	222.8	28,800							110
115	47.6	214.4	29,900	54.8	219.5	27,100							115
120	44.0	209.5	28,300	51.5	215.7	25,600							120
121	43.2	208.4	28,000	50.9	214.9	25,300							121
125	40.1	204.0	26,800	48.1	211.5	24,300							125
129	36.7	198.9	25,700	45.3	207.7	23,200	52.5	212.3	20,800				129
130	35.8	197.6	25,400	44.5	206.7	23,000	51.8	211.5	20,600				130
133	33.0	193.0	24,700	42.2	203.4	22,300	49.8	209.0	20,000				133
135	31.1	190.0	24,200	40.7	201.3	21,800	48.4	207.3	19,600				135
139	26.7	182.6	23,200	37.3	196.3	21,000	45.5	203.5	18,800				139
140	25.6	180.7	23,000	36.5	195.0	20,800	44.8	202.6	18,600				140
145	18.7	168.5	21,900	31.9	187.6	19,700	41.0	197.2	17,700				145
146	16.4	164.1	21,600	30.8	185.9	19,600	40.2	196.0	17,500	47.7	201.0	15,500	146
150	7.0	146.6	20,800	26.5	178.7	18,800	36.9	191.0	16,800	44.8	197.2	14,900	150
155				19.9	167.0	17,900	32.3	183.8	16,000	41.0	191.8	14,100	155
160				9.7	148.1	17,000	27.0	175.0	15,200	36.8	185.6	13,400	160
161				5.9	140.8	16,800	25.7	172.7	15,100	35.9	184.1	13,300	161
165							20.5	163.6	14,500	32.2	178.3	12,800	165
170							10.9	145.8	13,800	27.0	169.5	12,200	170
171							7.7	139.7	13,700	25.7	167.2	12,100	171
175										20.5	158.1	11,600	175
180										10.8	140.3	11,000	180
181										7.5	134.1	10,900	181

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ASME B30.5



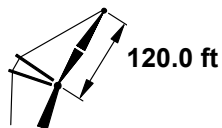
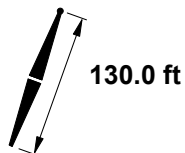
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
41	75.9	254.4	54,300 c							41
45	73.9	253.3	53,400 b							45
50	71.4	251.8	52,200 b							50
55	68.9	250.0	51,100 b							55
60	66.3	247.9	50,100							60
63	64.7	246.5	49,500	70.6	250.1	52,800 b				63
65	63.7	245.6	49,100	69.6	249.4	52,500				65
70	61.0	243.0	48,200	67.0	247.4	51,600				70
75	58.2	240.0	47,200	64.4	245.1	50,800	67.9	247.0	51,700	75
80	55.4	236.8	46,400	61.7	242.6	50,000	65.3	244.8	51,100	80
85	52.4	233.1	45,300	58.9	239.7	49,300	62.6	242.4	47,900	85
90	49.3	229.0	43,600	56.1	236.5	46,800	59.9	239.6	44,500	90
95	46.1	224.5	41,900	53.2	233.0	43,700	57.1	236.6	41,600	95
96	45.4	223.5	41,600	52.6	232.2	43,200	56.5	235.9	41,000	96
100	42.7	219.4	40,400	50.1	229.0	41,000	54.2	233.1	38,900	100
105	39.0	213.6	39,000	47.0	224.6	38,500	51.2	229.3	36,600	105
110	35.1	207.0	36,600	43.6	219.7	36,300	48.1	225.1	34,400	110
115	30.7	199.2	34,300	40.0	214.1	34,300	44.8	220.3	32,500	115
116	29.7	197.4	33,900	39.2	212.8	33,900	44.1	219.2	32,100	116
120	25.6	189.9	32,200	36.1	207.7	32,400	41.3	215.0	30,700	120
125	19.4	177.8	30,500	31.9	200.3	30,700	37.5	208.9	29,100	125
130	9.9	158.7	29,000	27.0	191.4	29,200	33.4	201.8	27,600	130
131	6.6	151.7	27,000	25.8	189.2	28,900	32.5	200.2	27,400	131
135				21.1	180.2	27,700	28.8	193.5	26,300	135
140				13.0	163.9	26,300	23.3	183.3	25,000	140
143				2.0	141.2	25,500	19.1	174.9	24,300	143
145							16.2	169.4	23,800	145
149							6.6	149.6	22,800	149
150										150
153										153
155										155
160										160
165										165
170										170
171										171
175										175
180										180
181										181
185										185
190										190
191										191

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



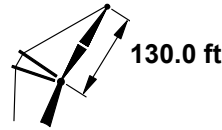
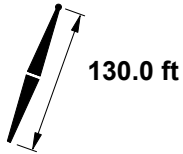
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
41													41
45													45
50													50
55													55
60													60
63													63
65													65
70													70
75													75
80													80
85													85
90													90
95													95
96	62.6	239.7	37,400										96
100	60.5	237.6	35,500										100
105	57.7	234.6	33,300										105
110	54.8	231.2	31,400										110
115	51.8	227.5	29,600										115
116	51.2	226.7	29,300	57.5	230.8	26,400							116
120	48.7	223.3	28,000	55.2	228.2	25,200							120
125	45.5	218.7	26,500	52.3	224.5	23,900							125
130	42.0	213.5	25,100	49.2	220.4	22,600							130
131	41.3	212.3	24,900	48.5	219.5	22,400							131
135	38.3	207.5	23,900	46.0	215.8	21,500	52.5	220.3	19,200				135
140	34.3	200.7	22,700	42.5	210.7	20,400	49.5	216.2	18,200				140
143	31.6	195.9	22,000	40.3	207.2	19,800	47.5	213.5	17,600				143
145	29.8	192.7	21,600	38.9	204.9	19,400	46.2	211.7	17,300				145
149	25.6	184.9	20,800	35.7	199.6	18,700	43.5	207.6	16,600				149
150	24.5	183.0	20,600	34.9	198.2	18,500	42.8	206.6	16,400				150
153	20.6	175.2	20,000	32.2	193.5	18,000	40.6	203.2	16,000	47.5	208.1	14,000	153
155	17.9	170.1	19,600	30.5	190.4	17,600	39.2	200.9	15,700	46.2	206.3	13,700	155
160	6.7	147.2	18,700	25.4	181.0	16,800	35.2	194.3	14,900	42.8	201.2	13,100	160
165				19.1	168.8	16,000	30.9	186.6	14,200	39.2	195.4	12,400	165
170				9.3	149.0	15,300	25.8	177.3	13,600	35.2	188.8	11,800	170
171				5.6	141.3	15,100	24.6	174.9	13,400	34.3	187.3	11,700	171
175							19.6	165.4	12,900	30.8	181.1	11,300	175
180							10.4	146.8	12,300	25.8	171.8	10,700	180
181							7.3	140.4	12,100	24.6	169.4	10,600	181
185										19.6	159.9	10,200	185
190										10.3	141.2	9,700	190
191										7.2	134.7	9,600	191

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



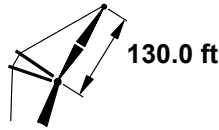
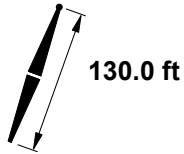
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
44	75.7	264.0	50,600 c						44	
45	75.2	263.7	50,300 b						45	
50	72.9	262.3	49,300 b						50	
55	70.6	260.6	48,300 b						55	
60	68.2	258.8	47,400						60	
65	65.8	256.6	46,600						65	
66	65.4	256.2	46,400	70.7	259.7	49,100			66	
70	63.4	254.3	45,700	68.8	258.2	48,600			70	
75	60.9	251.6	44,900	66.5	256.1	47,800			75	
79	58.9	249.3	43,700	64.5	254.3	47,300	67.8	256.1	47,900	79
80	58.4	248.7	43,400	64.0	253.8	47,100	67.3	255.7	47,800	80
85	55.7	245.5	41,700	61.6	251.2	46,200	64.9	253.5	47,400	85
90	53.0	241.9	40,100	59.0	248.4	44,500	62.4	251.0	44,300	90
95	50.2	237.9	38,600	56.4	245.2	42,800	59.9	248.3	41,300	95
100	47.3	233.5	37,200	53.7	241.7	40,800	57.3	245.2	38,700	100
105	44.2	228.6	35,800	50.9	237.9	38,300	54.7	241.9	36,300	105
110	40.9	223.2	34,500	48.0	233.6	36,100	51.9	238.1	34,200	110
115	37.4	217.1	33,300	45.0	228.9	34,100	49.1	234.0	32,300	115
120	33.7	210.1	31,600	41.8	223.6	32,200	46.1	229.4	30,500	120
121	32.8	208.4	31,200	41.1	222.4	31,900	45.4	228.4	30,200	121
125	29.4	201.9	29,800	38.4	217.6	30,600	42.9	224.3	28,900	125
130	24.6	192.1	28,200	34.7	210.9	29,000	39.6	218.6	27,500	130
135	18.6	179.5	26,700	30.6	203.1	27,600	36.0	212.2	26,100	135
140	9.5	159.5	25,600	25.9	193.8	26,300	32.0	204.8	24,900	140
141	6.3	152.3	24,100	24.8	191.4	26,000	31.1	203.0	24,600	141
145				20.3	182.1	25,000	27.6	196.0	23,700	145
150				12.5	165.1	23,800	22.4	185.3	22,600	150
153				2.0	141.4	23,100	18.3	176.6	22,000	153
155							15.6	170.8	21,500	155
159							6.3	150.1	20,700	159
160										160
165										165
170										170
175										175
180										180
181										181
185										185
190										190
191										191
195										195
200										200
201										201

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



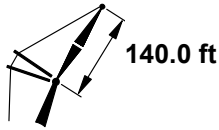
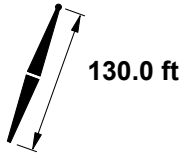
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
44													44
45													45
50													50
55													55
60													60
65													65
66													66
70													70
75													75
79													79
80													80
85													85
90													90
95													95
100	62.9	248.9	35,300										100
105	60.4	246.2	33,100										105
110	57.9	243.2	31,100										110
115	55.2	239.9	29,400										115
120	52.5	236.3	27,700										120
121	51.9	235.5	27,400	57.7	239.5	24,700							121
125	49.6	232.2	26,300	55.6	236.9	23,600							125
130	46.7	227.8	24,900	52.9	233.3	22,400							130
135	43.6	222.8	23,700	50.1	229.3	21,200							135
140	40.3	217.2	22,500	47.1	224.9	20,200							140
141	39.6	216.0	22,300	46.5	223.9	20,000	52.6	228.3	17,800				141
145	36.7	210.9	21,400	44.1	220.0	19,200	50.3	225.1	17,000				145
150	32.9	203.7	20,400	40.8	214.5	18,300	47.4	220.7	16,200				150
153	30.3	198.7	19,900	38.7	210.8	17,800	45.5	217.8	15,700				153
155	28.6	195.3	19,500	37.3	208.3	17,400	44.3	215.9	15,400				155
159	24.5	187.1	18,800	34.3	202.7	16,800	41.7	211.5	14,800	48.0	216.2	13,000	159
160	23.5	185.1	18,600	33.5	201.3	16,600	41.1	210.4	14,700	47.4	215.3	12,800	160
165	17.2	171.6	17,800	29.3	193.1	15,900	37.6	204.3	14,000	44.3	210.4	12,200	165
170	6.4	147.8	16,900	24.4	183.2	15,200	33.8	197.4	13,400	41.0	205.0	11,600	170
175				18.3	170.4	14,500	29.6	189.3	12,700	37.6	198.9	11,100	175
180				8.9	149.8	13,800	24.8	179.6	12,200	33.8	191.9	10,500	180
181				5.4	141.8	13,600	23.6	177.1	12,000	32.9	190.3	10,400	181
185							18.9	167.1	11,600	29.6	183.8	10,000	185
190							10.0	147.7	11,000	24.8	174.1	9,600	190
191							7.0	141.0	10,900	23.6	171.6	9,500	191
195										18.8	161.6	9,100	195
200										9.9	142.1	8,600	200
201										6.9	135.3	8,500	201

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



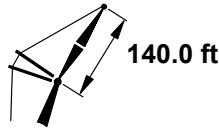
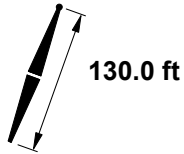
	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
46	75.9	273.8	47,100 b							46
50	74.2	272.7	46,300							50
55	72.0	271.2	45,400							55
60	69.9	269.5	44,600							60
65	67.7	267.5	43,800							65
69	65.9	265.8	43,200	70.9	269.2	45,500				69
70	65.4	265.4	43,100	70.4	268.8	45,400				70
75	63.2	262.9	41,300	68.2	267.0	44,700				75
80	60.8	260.3	39,700	66.0	264.8	43,900				80
83	59.4	258.5	38,700	64.7	263.4	42,900	67.7	265.3	44,200	83
85	58.5	257.4	38,100	63.8	262.5	42,300	66.8	264.5	44,000	85
90	56.0	254.1	36,600	61.4	259.9	40,600	64.5	262.2	42,700	90
95	53.5	250.6	35,100	59.1	257.1	39,000	62.2	259.7	41,000	95
100	50.9	246.7	33,700	56.7	253.9	37,500	59.9	256.9	38,400	100
105	48.3	242.5	32,300	54.2	250.5	36,000	57.5	253.9	36,000	105
110	45.5	237.8	31,100	51.6	246.7	34,500	55.1	250.6	33,900	110
115	42.5	232.6	29,800	49.0	242.5	33,200	52.5	246.9	32,000	115
120	39.4	226.9	28,600	46.2	238.0	31,800	49.9	242.9	30,200	120
125	36.0	220.4	27,400	43.3	232.9	30,300	47.2	238.5	28,600	125
126	35.3	218.9	27,300	42.7	231.8	30,000	46.6	237.5	28,400	126
130	32.4	213.0	26,500	40.2	227.3	28,800	44.3	233.6	27,200	130
135	28.4	204.5	25,500	36.9	221.0	27,300	41.3	228.2	25,800	135
140	23.7	194.3	24,600	33.4	213.9	26,000	38.1	222.2	24,600	140
145	17.9	181.1	23,700	29.4	205.8	24,800	34.6	215.4	23,400	145
147	14.4	172.8	23,300	27.6	201.9	24,300	33.1	212.2	23,000	147
150	9.2	160.3	22,700	25.0	196.0	23,700	30.8	207.6	22,300	150
151	6.1	152.8	21,600	23.9	193.6	23,400	30.0	205.8	22,100	151
155				19.6	183.8	22,600	26.6	198.5	21,300	155
160				12.0	166.1	21,600	21.6	187.3	20,400	160
163				1.9	141.6	20,900	17.6	178.2	19,800	163
165							15.0	172.1	19,400	165
166							12.8	166.8	19,300	166
169							6.1	150.7	18,700	169
170										170
175										175
180										180
185										185
190										190
191										191
195										195
200										200
201										201
210										210
211										211

MLC250 S-1

ASME B30.5



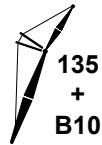
149,600 lb
+
0 lb



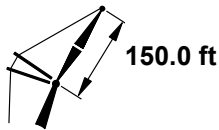
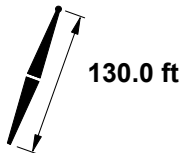
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
46													46
50													50
55													55
60													60
65													65
69													69
70													70
75													75
80													80
83													83
85													85
90													90
95													95
100													100
105	62.7	257.6	32,700										105
110	60.4	254.9	30,800										110
115	58.0	251.9	29,000										115
120	55.6	248.6	27,400										120
125	53.0	245.0	25,900										125
126	52.5	244.2	25,700	57.9	248.2	23,000							126
130	50.4	241.1	24,600	55.9	245.6	22,000							130
135	47.7	236.8	23,300	53.4	242.0	20,900							135
140	44.9	232.0	22,200	50.8	238.1	19,800							140
145	41.9	226.7	21,100	48.1	233.8	18,900							145
147	40.6	224.3	20,700	47.0	232.0	18,500	52.6	236.3	16,300				147
150	38.8	220.8	20,100	45.3	229.1	17,900	51.0	233.9	15,800				150
151	38.1	219.5	19,900	44.7	228.1	17,800	50.5	233.1	15,700				151
155	35.4	214.2	19,200	42.4	223.9	17,100	48.4	229.7	15,000				155
160	31.7	206.6	18,300	39.2	218.1	16,300	45.6	225.0	14,300				160
163	29.2	201.3	17,800	37.2	214.2	15,900	43.8	221.9	13,900				163
165	27.5	197.8	17,500	35.9	211.6	15,600	42.6	219.9	13,600				165
166	26.5	195.7	17,300	35.2	210.2	15,400	42.0	218.7	13,500	47.8	223.3	11,700	166
169	23.6	189.3	16,900	33.0	205.7	15,000	40.1	215.3	13,100	46.1	220.5	11,300	169
170	22.7	187.1	16,700	32.2	204.3	14,800	39.5	214.1	13,000	45.5	219.6	11,200	170
175	16.6	173.1	16,000	28.2	195.7	14,200	36.2	207.7	12,400	42.6	214.4	10,700	175
180	6.2	148.3	15,200	23.5	185.3	13,500	32.5	200.4	11,800	39.5	208.7	10,200	180
185				17.6	172.0	12,900	28.5	191.9	11,300	36.2	202.2	9,700	185
190				8.6	150.5	12,300	23.9	181.7	10,800	32.5	194.9	9,200	190
191				5.2	142.3	12,200	22.7	179.1	10,700	31.7	193.2	9,100	191
195							18.2	168.7	10,300	28.5	186.4	8,800	195
200							9.7	148.5	9,800	23.8	176.2	8,300	200
201							6.8	141.6	9,600	22.4	172.9	8,300	201
210										9.6	142.9	7,500	210
211										6.7	135.9	7,400	211

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



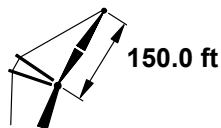
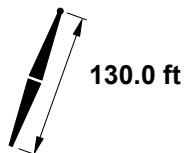
	88°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
48	76.0	283.6	43,800 b						48	
50	75.2	283.1	43,500						50	
55	73.3	281.7	42,600						55	
60	71.3	280.1	41,800						60	
65	69.2	278.3	41,100						65	
70	67.2	276.3	39,700						70	
72	66.3	275.4	39,100	71.0	278.7	42,000			72	
75	65.1	274.1	38,100	69.8	277.7	41,700			75	
80	63.0	271.6	36,500	67.7	275.7	40,400			80	
85	60.8	268.9	35,000	65.6	273.6	38,800			85	
86	60.3	268.4	34,700	65.2	273.1	38,500	68.0	274.9	40,300	86
90	58.6	266.0	33,500	63.5	271.2	37,400	66.3	273.2	39,200	90
95	56.3	262.8	32,100	61.4	268.6	35,800	64.2	270.9	37,700	95
100	54.0	259.3	30,800	59.2	265.7	34,400	62.1	268.4	36,300	100
105	51.6	255.5	29,400	56.9	262.6	32,900	59.9	265.6	34,900	105
109	49.6	252.2	28,400	55.1	259.9	31,800	58.1	263.2	33,800	109
110	49.1	251.4	28,200	54.6	259.2	31,500	57.7	262.6	33,500	110
115	46.5	246.9	26,900	52.2	255.5	30,200	55.4	259.3	31,900	115
120	43.8	241.9	25,800	49.8	251.4	28,900	53.0	255.7	30,200	120
125	41.0	236.4	24,700	47.2	247.0	27,600	50.6	251.7	28,600	125
130	38.0	230.4	23,600	44.5	242.1	26,500	48.1	247.4	27,100	130
131	37.3	229.0	23,400	44.0	241.1	26,200	47.6	246.5	26,800	131
135	34.8	223.6	22,700	41.7	236.8	25,300	45.5	242.7	25,800	135
140	31.3	215.9	21,800	38.8	230.9	24,200	42.7	237.6	24,500	140
145	27.4	207.0	20,800	35.6	224.3	23,200	39.8	231.9	23,400	145
150	22.9	196.3	20,000	32.2	216.9	22,200	36.7	225.5	22,300	150
153	19.5	188.1	19,600	29.9	211.8	21,700	34.7	221.3	21,700	153
155	17.3	182.6	19,300	28.4	208.3	21,400	33.4	218.4	21,300	155
160	8.9	161.1	18,800	24.1	198.2	20,500	29.8	210.3	20,300	160
161	5.9	153.4	18,800	23.1	195.7	20,400	28.9	208.4	20,200	161
165				18.9	185.5	19,800	25.7	200.8	19,400	165
170				11.6	167.2	19,200	20.8	189.1	18,600	170
173				1.8	141.7	19,000	17.0	179.7	18,100	173
175							14.5	173.4	17,800	175
179							5.9	151.2	17,100	179
180										180
185										185
190										190
200										200
201										201
210										210
211										211
220										220
221										221

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



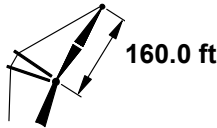
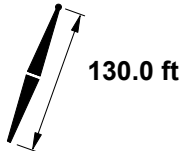
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
48													48
50													50
55													55
60													60
65													65
70													70
72													72
75													75
80													80
85													85
86													86
90													90
95													95
100													100
105													105
109	63.0	266.8	31,000										109
110	62.5	266.3	30,700										110
115	60.4	263.5	28,900										115
120	58.1	260.6	27,300										120
125	55.9	257.3	25,800										125
130	53.5	253.8	24,500										130
131	53.0	253.0	24,200	58.0	256.8	21,700							131
135	51.1	249.9	23,200	56.2	254.2	20,800							135
140	48.6	245.7	22,100	53.9	250.7	19,700							140
145	46.0	241.1	21,000	51.5	246.9	18,800							145
150	43.3	236.0	20,100	49.0	242.8	17,900							150
153	41.6	232.7	19,500	47.4	240.0	17,400	52.6	244.3	15,300				153
155	40.4	230.5	19,100	46.4	238.2	17,000	51.7	242.7	15,000				155
160	37.4	224.3	18,300	43.7	233.2	16,200	49.2	238.6	14,200				160
161	36.7	222.9	18,100	43.1	232.1	16,100	48.7	237.7	14,100				161
165	34.1	217.3	17,500	40.9	227.7	15,500	46.6	234.1	13,600				165
170	30.6	209.4	16,700	37.9	221.6	14,800	43.9	229.1	12,900				170
173	28.2	203.9	16,300	35.9	217.5	14,400	42.2	225.9	12,600	47.7	230.5	10,800	173
175	26.6	200.2	16,000	34.6	214.8	14,100	41.1	223.7	12,300	46.6	228.6	10,600	175
179	22.8	191.3	15,400	31.8	208.6	13,600	38.7	218.8	11,900	44.5	224.7	10,200	179
180	21.9	189.1	15,300	31.1	207.1	13,500	38.1	217.6	11,800	43.9	223.7	10,100	180
185	16.0	174.6	14,600	27.2	198.1	12,900	34.9	210.9	11,200	41.1	218.2	9,600	185
190	6.0	148.8	13,900	22.7	187.4	12,400	31.4	203.2	10,700	38.1	212.2	9,200	190
200				8.3	151.3	11,300	23.1	183.8	9,800	31.4	197.8	8,300	200
201				5.0	142.7	11,100	21.7	180.3	9,700	30.6	195.8	8,200	201
210							9.3	149.3	8,900	23.0	178.3	7,500	210
211							6.6	142.2	8,800	21.6	174.9	7,400	211
220										9.3	143.7	6,600	220
221										6.5	136.5	6,500	221

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



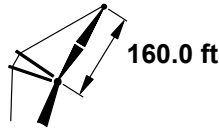
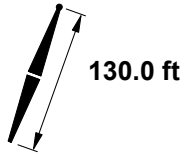
	88°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
51	75.8	293.1	40,400						51	
55	74.3	292.1	39,700						55	
60	72.5	290.6	39,100						60	
65	70.6	288.9	37,900						65	
70	68.7	287.1	36,300						70	
75	66.7	285.0	34,800						75	
76	66.3	284.6	34,500	70.7	287.9	38,000			76	
80	64.8	282.8	33,300	69.2	286.5	36,800			80	
85	62.8	280.3	31,900	67.2	284.5	35,300			85	
90	60.7	277.6	30,400	65.3	282.3	33,900	67.9	284.1	35,600	90
95	58.7	274.7	29,000	63.3	279.9	32,500	66.0	281.9	34,300	95
100	56.5	271.5	27,700	61.3	277.2	31,100	64.0	279.6	32,800	100
105	54.4	268.1	26,400	59.2	274.4	29,700	62.0	277.0	31,500	105
110	52.1	264.3	25,100	57.1	271.3	28,300	59.9	274.3	30,200	110
114	50.3	261.1	24,200	55.4	268.6	27,300	58.2	271.8	29,100	114
115	49.8	260.3	24,000	54.9	267.9	27,100	57.8	271.2	28,800	115
120	47.4	255.9	22,800	52.7	264.2	25,800	55.7	268.0	27,500	120
125	45.0	251.1	21,800	50.4	260.3	24,600	53.5	264.4	26,300	125
130	42.4	245.9	20,700	48.1	256.0	23,400	51.2	260.6	25,100	130
135	39.6	240.1	19,800	45.6	251.3	22,300	48.9	256.4	23,900	135
137	38.5	237.6	19,400	44.6	249.2	21,900	47.9	254.5	23,500	137
140	36.7	233.7	18,800	43.1	246.2	21,200	46.5	251.8	22,800	140
145	33.6	226.7	17,900	40.4	240.6	20,200	43.9	246.8	21,700	145
150	30.3	218.6	17,000	37.5	234.4	19,200	41.3	241.4	20,700	150
155	26.5	209.4	16,300	34.5	227.5	18,400	38.5	235.4	19,700	155
159	23.0	200.5	15,700	31.8	221.3	17,700	36.1	230.1	18,900	159
160	22.1	198.3	15,500	31.2	219.7	17,500	35.5	228.8	18,700	160
165	16.8	184.1	14,600	27.5	210.8	16,700	32.3	221.4	17,900	165
170	8.6	161.9	13,800	23.3	200.3	15,900	28.8	212.9	17,000	170
171	5.7	153.9	13,600	22.3	197.7	15,700	28.0	210.9	16,800	171
175				18.3	187.1	15,000	24.8	203.0	16,300	175
179				12.7	172.0	14,300	21.1	193.3	15,600	179
180				11.3	168.2	14,100	20.2	190.9	15,400	180
183				1.8	141.9	13,700	16.5	181.2	14,800	183
185							14.1	174.7	14,400	185
189							5.7	151.7	13,800	189
190										190
195										195
200										200
205										205
210										210
211										211
220										220
221										221

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



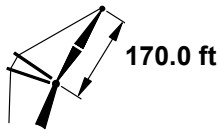
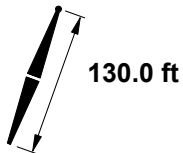
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
51													51
55													55
60													60
65													65
70													70
75													75
76													76
80													80
85													85
90													90
95													95
100													100
105													105
110													110
114	62.8	275.5	28,900										114
115	62.4	274.9	28,500										115
120	60.3	272.2	26,900										120
125	58.3	269.2	25,500										125
130	56.1	266.0	24,100										130
135	53.9	262.5	22,900										135
137	53.0	261.0	22,500	57.7	264.9	20,000							137
140	51.7	258.7	21,800	56.5	262.9	19,400							140
145	49.4	254.6	20,700	54.3	259.5	18,400							145
150	47.0	250.1	19,700	52.0	255.7	17,500							150
155	44.5	245.3	18,800	49.7	251.7	16,700							155
159	42.4	241.0	18,100	47.8	248.1	16,000	52.7	252.3	14,000				159
160	41.9	239.9	18,000	47.3	247.2	15,900	52.2	251.5	13,900				160
165	39.1	234.1	17,100	44.9	242.4	15,100	49.9	247.5	13,200				165
170	36.2	227.6	16,400	42.3	237.2	14,500	47.5	243.1	12,600				170
171	35.5	226.1	16,200	41.7	236.0	14,300	47.0	242.1	12,500				171
175	33.0	220.3	15,700	39.5	231.4	13,800	45.1	238.3	12,000				175
179	30.2	213.7	15,100	37.2	226.3	13,300	43.0	234.1	11,500	48.0	238.6	9,800	179
180	29.6	212.1	15,000	36.6	225.0	13,200	42.5	233.1	11,400	47.5	237.6	9,700	180
183	27.2	206.4	14,600	34.7	220.7	12,800	40.8	229.6	11,100	46.0	234.8	9,400	183
185	25.7	202.5	14,400	33.5	217.9	12,600	39.8	227.4	10,900	45.0	232.9	9,200	185
189	22.1	193.3	13,900	30.8	211.4	12,200	37.4	222.3	10,500	43.0	228.7	8,800	189
190	21.2	191.0	13,700	30.1	209.8	12,100	36.9	221.0	10,400	42.5	227.6	8,700	190
195	15.5	175.9	13,200	26.3	200.5	11,500	33.8	214.0	9,900	39.7	221.9	8,300	195
200	5.8	149.4	12,500	21.9	189.3	11,000	30.4	206.0	9,500	36.8	215.6	7,800	200
205				16.5	175.0	10,500	26.6	196.8	9,000	33.7	208.5	7,400	205
210				8.1	152.0	10,000	22.3	185.8	8,600	30.4	200.5	7,000	210
211				4.9	143.2	9,900	21.0	182.2	8,500	29.6	198.5	6,900	211
220							9.0	150.1	7,800	22.3	180.3	6,200	220
221							6.3	142.7	7,700				221

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



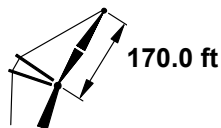
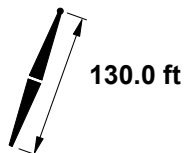
	88°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
53	76.0	303.0	37,300						53	
55	75.3	302.4	37,100						55	
60	73.5	301.0	36,300						60	
65	71.8	299.5	34,900						65	
70	70.0	297.8	33,500						70	
75	68.2	295.8	32,100						75	
79	66.7	294.2	30,900	70.8	297.5	34,100			79	
80	66.3	293.7	30,600	70.4	297.1	33,900			80	
85	64.5	291.5	29,200	68.6	295.3	32,500			85	
90	62.6	289.0	27,900	66.8	293.2	31,100			90	
94	61.1	286.8	26,800	65.3	291.4	30,000	67.8	293.2	31,600	94
95	60.7	286.3	26,500	65.0	291.0	29,700	67.4	292.8	31,300	95
100	58.7	283.4	25,200	63.1	288.5	28,400	65.6	290.6	30,100	100
105	56.8	280.2	24,000	61.2	285.9	27,100	63.7	288.3	28,800	105
110	54.7	276.8	22,800	59.3	283.0	25,800	61.9	285.7	27,500	110
115	52.6	273.1	21,700	57.3	279.9	24,600	59.9	282.9	26,200	115
118	51.3	270.7	21,000	56.1	277.9	23,900	58.7	281.1	25,500	118
120	50.5	269.1	20,600	55.2	276.6	23,400	58.0	279.9	25,000	120
125	48.2	264.8	19,500	53.2	273.0	22,200	55.9	276.7	23,800	125
130	45.9	260.2	18,500	51.0	269.1	21,100	53.9	273.1	22,700	130
135	43.6	255.2	17,600	48.8	264.9	20,000	51.8	269.4	21,600	135
140	41.0	249.7	16,600	46.5	260.3	19,000	49.6	265.3	20,400	140
142	40.0	247.2	16,300	45.6	258.4	18,600	48.7	263.5	20,000	142
145	38.4	243.6	15,800	44.2	255.4	18,000	47.3	260.8	19,400	145
150	35.6	237.0	15,000	41.7	250.0	17,100	45.0	256.0	18,400	150
155	32.6	229.6	14,200	39.1	244.2	16,200	42.6	250.8	17,500	155
160	29.3	221.3	13,200	36.4	237.7	15,400	40.0	245.1	16,600	160
165	25.7	211.7	12,300	33.4	230.5	14,600	37.3	238.9	15,700	165
170	21.5	200.2	11,500	30.2	222.5	13,600	34.4	232.0	14,900	170
175	16.2	185.6	10,600	26.7	213.2	12,600	31.3	224.2	13,900	175
180	8.3	162.6	9,900	22.6	202.3	11,800	27.9	215.4	13,000	180
181	5.5	154.4	9,800	21.6	199.6	11,600	27.2	213.4	12,800	181
185				17.7	188.7	10,900	24.1	205.2	12,100	185
186				16.4	184.8	10,700	23.2	202.7	11,900	186
190				10.9	169.1	10,200	19.5	192.7	11,300	190
193				1.7	142.0	9,800	14.9	179.2	10,800	193
199							5.5	152.2	9,900	199
200										200
210										210
215										215
220										220
221										221
230										230
231										231

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



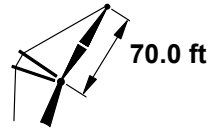
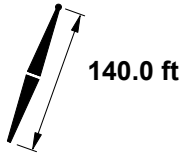
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
53													53
55													55
60													60
65													65
70													70
75													75
79													79
80													80
85													85
90													90
94													94
95													95
100													100
105													105
110													110
115													115
118	63.0	284.6	27,300										118
120	62.2	283.6	26,700										120
125	60.3	280.9	25,200										125
130	58.4	277.9	23,900										130
135	56.4	274.7	22,700										135
140	54.3	271.2	21,500										140
142	53.5	269.7	21,100	57.9	273.5	18,700							142
145	52.2	267.5	20,500	56.7	271.6	18,100							145
150	50.0	263.5	19,500	54.6	268.2	17,300							150
155	47.8	259.1	18,600	52.5	264.5	16,400							155
160	45.5	254.4	17,700	50.4	260.5	15,600							160
165	43.1	249.3	16,900	48.2	256.2	14,900	52.7	260.3	12,900				165
170	40.6	243.7	16,200	45.8	251.5	14,200	50.6	256.3	12,300				170
175	37.9	237.6	15,500	43.5	246.5	13,600	48.3	252.0	11,700				175
180	35.0	230.8	14,800	40.9	241.0	13,000	46.0	247.4	11,200				180
181	34.4	229.3	14,700	40.4	239.8	12,800	45.6	246.4	11,100				181
185	32.0	223.2	14,200	38.3	234.9	12,400	43.6	242.4	10,700				185
186	31.3	221.5	14,000	37.7	233.6	12,300	43.1	241.3	10,600	47.9	245.7	8,700	186
190	28.7	214.7	13,300	35.5	228.3	11,800	41.1	236.9	10,200	46.0	242.0	8,400	190
193	26.2	208.1	12,700	33.6	223.5	11,500	39.5	233.1	9,900	44.6	238.8	8,100	193
199	21.4	195.0	11,600	29.8	214.0	10,900	36.3	225.6	9,300	41.6	232.5	7,500	199
200	20.6	192.9	11,500	29.2	212.5	10,800	35.7	224.3	9,200	41.1	231.5	7,500	200
210	5.6	149.9	10,000	21.3	191.2	9,900	29.5	208.7	8,400	35.7	218.9	6,600	210
215				16.0	176.4	9,400	25.8	199.1	8,000	32.7	211.5	6,300	215
220				7.8	152.7	9,000	21.6	187.7	7,600				220
221				4.7	143.6	8,900	20.4	184.1	7,500				221
230							8.8	150.9	6,800				230
231							6.2	143.3	6,800				231

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



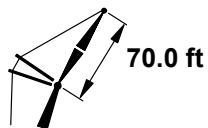
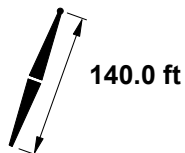
	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
35	70.9	214.2	100,600 d							35
40	66.5	212.2	100,300 c							40
45	62.0	209.8	99,900 c							45
48	59.2	208.1	98,300 c	70.2	212.7	104,300 d				48
50	57.3	206.9	97,200 c	68.5	212.0	99,900 c				50
55	52.2	203.4	93,400 b	64.0	209.8	88,300 c				55
58	49.0	200.8	88,600 b	61.2	208.2	82,700 c	67.8	210.5	78,400 c	58
60	46.9	199.1	85,300 b	59.3	207.1	79,000 b	66.0	209.6	75,100 c	60
65	41.0	193.9	77,100 b	54.4	203.8	71,300 b	61.4	207.1	67,900 b	65
70	34.2	187.4	70,200	49.2	199.9	65,000	56.7	204.1	61,800 b	70
75	26.1	178.8	64,300	43.6	195.1	59,600	51.6	200.5	56,600 b	75
76	23.7	176.1	61,800	42.3	193.9	58,600	50.5	199.7	55,800 b	76
80	14.2	165.2	51,800	37.3	189.3	54,900	46.2	196.2	52,200	80
82	3.6	152.4	43,100	34.3	186.2	53,300	43.8	194.0	50,700	82
85				29.9	181.7	50,800	40.2	190.8	48,400	85
90				20.2	171.0	47,200	33.4	184.2	45,000	90
93				9.0	157.7	45,200	28.3	178.8	43,200	93
94				5.3	153.3	44,500	26.6	177.0	42,600	94
95							24.9	175.2	42,000	95
100							12.0	160.2	39,200	100
101							7.0	154.2	38,600	101
105										105
109										109
110										110
113										113
115										115
120										120
124										124
125										125
130										130
135										135
136										136
140										140
145										145
146										146

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



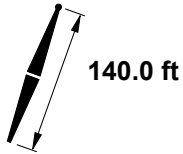
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
35													35
40													40
45													45
48													48
50													50
55													55
58													58
60													60
65													65
70													70
75													75
76	62.3	204.8	50,900 c										76
80	58.5	202.5	47,800 b										80
82	56.5	201.2	46,300 b										82
85	53.6	199.1	44,200 b										85
90	48.3	195.1	41,100										90
93	44.8	192.1	39,500	57.1	197.8	35,800 b							93
94	43.7	191.1	38,900	56.1	197.1	35,300 b							94
95	42.5	190.1	38,400	55.2	196.4	34,800 b							95
100	36.1	184.0	35,900	50.0	192.6	32,600 b							100
101	34.5	182.4	35,500	48.9	191.7	32,200 b							101
105	28.4	176.1	33,700	44.4	188.0	30,600							105
109	20.0	166.7	32,100	39.5	183.4	29,100	52.3	189.5	26,100 b				109
110	18.0	164.4	31,700	38.2	182.3	28,800	51.3	188.7	25,800 b				110
113	6.2	150.4	30,400	33.9	177.9	27,800	48.0	186.1	24,900 b				113
115				31.0	175.0	27,100	45.8	184.3	24,300				115
120				21.8	164.9	25,500	39.8	178.9	23,000				120
124				9.7	150.7	24,300	34.3	173.5	22,000	47.8	180.1	19,500	124
125							32.9	172.1	21,700	46.7	179.2	19,300	125
130							24.3	162.9	20,500	40.7	174.0	18,200	130
135							10.7	147.1	19,300	34.0	167.4	17,300	135
136							4.4	139.5	19,100	32.3	165.7	17,100	136
140										25.8	158.7	16,300	140
145										13.6	144.7	15,400	145
146										9.4	139.8	15,200	146

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



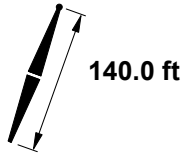
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
32	75.6	225.5	92,800 d						32	
35	73.4	224.7	92,600 d						35	
40	69.6	223.0	92,300 c						40	
45	65.7	221.0	91,800 c						45	
50	61.8	218.5	89,200 c						50	
51	60.9	217.9	88,400 c	70.5	222.3	95,500 c			51	
55	57.6	215.6	85,500 b	67.4	220.7	88,000 c			55	
60	53.3	212.1	82,200 b	63.5	218.5	78,700 b			60	
62	51.4	210.5	80,100 b	61.9	217.4	75,600 b	67.6	219.6	71,700 c	
65	48.6	208.1	77,000 b	59.4	215.7	71,100 b	65.3	218.3	67,500 b	
70	43.7	203.3	70,100	55.2	212.5	64,700	61.3	215.8	61,500 b	
75	38.2	197.5	64,300	50.7	208.7	59,300	57.1	212.8	56,300 b	
80	32.0	190.4	59,300	45.9	204.3	54,700	52.7	209.3	51,900	
85	24.4	181.0	54,900	40.6	199.0	50,700	48.1	205.2	48,100	
90	13.3	166.4	45,500	34.8	192.5	47,100	43.0	200.3	44,800	
92	3.3	152.7	38,200	32.0	189.2	45,900	40.8	197.9	43,600	
95				27.9	184.3	44,000	37.5	194.4	41,800	
98				22.5	177.3	42,300	33.7	190.0	40,200	
100				18.9	172.7	41,200	31.1	187.0	39,100	
104				4.9	153.7	39,000	24.9	179.3	37,200	
105							23.3	177.3	36,700	
110							11.2	161.2	34,500	
111							6.6	154.8	34,000	
115									115	
120									120	
123									123	
125									125	
130									130	
131									131	
134									134	
135									135	
140									140	
145									145	
146									146	
150									150	
155									155	
156									156	

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



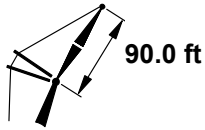
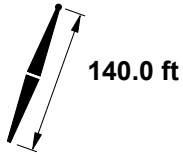
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
32													32
35													35
40													40
45													45
50													50
51													51
55													55
60													60
62													62
65													65
70													70
75													75
80	62.8	214.0	47,400 b										80
85	58.7	211.2	43,900 b										85
90	54.4	207.9	40,800										90
92	52.6	206.3	39,700										92
95	49.8	204.0	38,100										95
98	46.9	201.2	36,600	57.5	206.4	33,000 b							98
100	45.0	199.4	35,600	55.8	205.1	32,200							100
104	40.7	195.0	33,900	52.2	202.2	30,600							104
105	39.7	193.9	33,500	51.3	201.4	30,200							105
110	33.7	187.2	31,500	46.6	197.1	28,400							110
111	32.2	185.4	31,100	45.5	196.0	28,100							111
115	26.5	178.5	29,700	41.4	191.9	26,800	52.4	197.5	23,900				115
120	16.8	165.9	28,000	35.7	185.6	25,300	47.8	193.3	22,600				120
123	5.8	150.9	27,000	31.6	180.9	24,500	44.7	190.4	21,900				123
125				29.0	177.7	23,900	42.7	188.4	21,400				125
130				20.4	166.8	22,600	37.1	182.4	20,200				130
131				17.5	163.0	22,400	35.8	180.9	20,000	47.5	187.3	17,600	131
134				9.1	151.6	21,600	32.0	176.4	19,400	44.5	184.3	17,100	134
135							30.7	175.0	19,100	43.5	183.4	16,900	135
140							22.7	165.0	18,100	38.0	177.5	16,000	140
145							10.0	148.0	17,100	31.7	170.4	15,200	145
146							4.1	139.9	16,900	30.2	168.5	15,000	146
150										24.1	160.9	14,400	150
155										12.7	145.9	13,600	155
156										8.8	140.6	13,400	156

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



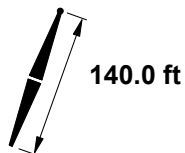
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
34	75.9	235.3	84,000 d						34	
35	75.3	235.1	83,900 d						35	
40	72.0	233.6	83,400 d						40	
45	68.6	231.8	81,700 c						45	
50	65.1	229.7	78,300 c						50	
54	62.3	227.7	75,700 c	70.7	231.8	85,100 c			54	
55	61.6	227.2	75,000 b	70.1	231.5	84,400 c			55	
60	57.9	224.2	72,100 b	66.6	229.5	78,500 b			60	
65	54.0	220.9	69,300 b	63.1	227.1	70,900 b			65	
66	53.2	220.1	68,800 b	62.4	226.6	69,600 b	67.5	228.8	66,000 b	66
70	50.0	217.0	66,800	59.5	224.4	64,500	64.7	227.0	61,200 b	70
75	45.7	212.4	64,200	55.7	221.2	59,200	61.1	224.5	56,100 b	75
80	41.1	207.1	59,200	51.8	217.6	54,500	57.4	221.5	51,700	80
85	35.9	200.8	54,900	47.6	213.3	50,500	53.6	218.1	47,900	85
90	30.1	193.2	51,000	43.1	208.4	47,000	49.5	214.1	44,600	90
95	23.0	183.1	47,400	38.2	202.6	43,900	45.2	209.5	41,600	95
100	12.5	167.5	40,000	32.7	195.5	41,100	40.5	204.1	39,000	100
102	3.1	152.9	33,800	30.2	192.0	40,100	38.4	201.5	38,100	102
103				28.9	190.2	39,600	37.4	200.2	37,600	103
105				26.3	186.7	38,600	35.3	197.6	36,600	105
110				17.8	174.3	36,400	29.3	189.7	34,500	110
114				4.6	154.1	34,600	23.4	181.4	32,900	114
115							22.0	179.3	32,500	115
120							10.6	162.2	30,700	120
121							6.2	155.4	30,300	121
125										125
130										130
133										133
135										135
138										138
140										140
144										144
145										145
150										150
155										155
156										156
160										160
165										165
166										166

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



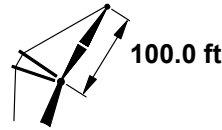
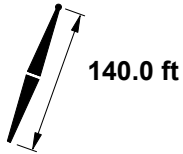
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
34													34
35													35
40													40
45													45
50													50
54													54
55													55
60													60
65													65
66													66
70													70
75													75
80													80
85	62.5	222.6	43,600 b										85
90	58.8	219.8	40,600										90
95	55.0	216.6	37,900										95
100	51.0	212.8	35,500										100
102	49.4	211.1	34,600										102
103	48.5	210.2	34,200	57.8	215.1	30,800							103
105	46.8	208.5	33,300	56.3	213.8	30,000							105
110	42.3	203.4	31,300	52.3	210.2	28,200							110
114	38.3	198.6	29,900	49.0	206.9	26,900							114
115	37.3	197.4	29,600	48.2	206.1	26,600							115
120	31.7	190.1	27,900	43.8	201.2	25,100							120
121	30.3	188.2	27,600	42.8	200.1	24,900	52.5	205.5	22,100				121
125	25.0	180.8	26,400	38.9	195.5	23,800	49.2	202.3	21,100				125
130	15.8	167.4	25,000	33.6	188.7	22,500	44.9	197.6	20,000				130
133	5.5	151.4	24,200	29.8	183.6	21,800	42.0	194.3	19,400				133
135				27.3	180.2	21,400	40.2	192.1	19,000				135
138				22.4	173.2	20,700	37.0	188.2	18,400	47.3	194.4	16,100	138
140				19.2	168.5	20,300	34.9	185.6	18,000	45.5	192.5	15,800	140
144				8.5	152.3	19,400	30.1	179.2	17,300	41.8	188.3	15,100	144
145							28.9	177.6	17,100	40.9	187.2	15,000	145
150							21.4	167.0	16,200	35.7	180.9	14,200	150
155							9.4	148.8	15,400	29.9	173.1	13,500	155
156							3.9	140.2	15,200	28.4	171.1	13,400	156
160										22.7	163.0	12,800	160
165										11.9	146.9	12,100	165
166										8.3	141.3	12,000	166

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



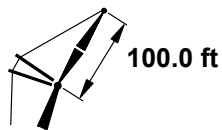
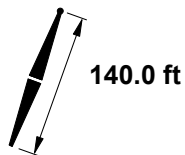
	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
37	75.6	244.9	77,000 d							37
40	73.8	244.1	76,700 d							40
45	70.8	242.5	76,100 c							45
50	67.8	240.6	73,100 c							50
55	64.6	238.4	70,000 b							55
57	63.3	237.4	68,800 b	70.9	241.4	77,300 b				57
60	61.4	235.8	67,000 b	69.1	240.3	75,500 b				60
65	58.1	232.9	64,200 b	66.0	238.2	70,600 b				65
69	55.3	230.2	62,200 b	63.4	236.3	65,500 b	68.0	238.4	62,000 b	69
70	54.6	229.6	61,600	62.8	235.8	64,200	67.4	238.0	60,900 b	70
75	51.1	225.8	59,300	59.5	233.1	58,900	64.2	235.7	55,800	75
80	47.3	221.5	57,000	56.2	229.9	54,300	61.0	233.1	51,400	80
85	43.2	216.5	53,700	52.6	226.3	50,300	57.7	230.2	47,600	85
89	39.7	211.9	50,500	49.7	223.1	47,500	54.9	227.5	45,000	89
90	38.9	210.8	49,700	48.9	222.3	46,800	54.2	226.8	44,300	90
95	34.0	204.0	46,100	45.0	217.6	43,700	50.6	222.9	41,300	95
100	28.5	195.8	42,900	40.8	212.2	40,900	46.8	218.5	38,700	100
105	21.8	185.1	40,100	36.2	205.9	38,400	42.7	213.5	36,400	105
108	15.8	175.2	37,400	33.1	201.4	37,100	40.1	210.0	35,100	108
110	11.9	168.6	35,600	31.0	198.4	36,200	38.3	207.7	34,300	110
112	3.0	153.2	30,200	28.6	194.6	35,400	36.3	204.9	33,500	112
115				24.9	189.0	34,200	33.4	200.7	32,300	115
120				16.9	175.9	32,300	27.8	192.3	30,600	120
124				4.4	154.5	30,800	22.2	183.4	29,200	124
125							20.8	181.2	28,900	125
127							16.5	173.9	28,300	127
130							10.0	163.1	27,400	130
131							5.9	155.9	27,000	131
135										135
140										140
143										143
144										144
145										145
150										150
154										154
155										155
160										160
165										165
166										166
170										170
175										175
176										176

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



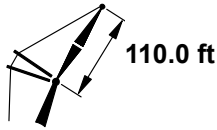
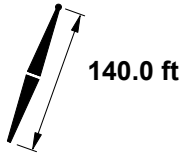
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
37													37
40													40
45													45
50													50
55													55
57													57
60													60
65													65
69													69
70													70
75													75
80													80
85													85
89	62.9	231.8	40,800										89
90	62.2	231.3	40,200										90
95	58.9	228.5	37,500										95
100	55.5	225.3	35,100										100
105	52.0	221.6	32,900										105
108	49.7	219.1	31,800	58.0	223.8	28,500							108
110	48.3	217.4	31,000	56.6	222.5	27,800							110
112	46.7	215.5	30,300	55.2	221.1	27,200							112
115	44.3	212.7	29,200	53.1	219.0	26,200							115
120	40.0	207.1	27,600	49.5	215.0	24,800							120
124	36.3	201.9	26,500	46.3	211.3	23,700							124
125	35.3	200.7	26,200	45.6	210.4	23,400							125
127	33.2	197.5	25,600	43.9	208.3	22,900	52.6	213.5	20,300				127
130	30.0	192.9	24,800	41.4	205.1	22,200	50.4	211.1	19,600				130
131	28.7	190.9	24,600	40.5	203.9	22,000	49.6	210.2	19,400				131
135	23.7	183.0	23,500	36.9	199.0	21,100	46.5	206.7	18,600				135
140	15.0	168.7	22,300	31.8	191.6	20,000	42.4	201.6	17,600				140
143	5.2	151.9	21,600	28.2	186.2	19,400	39.8	198.1	17,100				143
144				27.0	184.4	19,200	38.9	196.9	16,900	47.9	202.5	14,700	144
145				25.8	182.6	19,000	38.0	195.7	16,800	47.1	201.6	14,600	145
150				18.2	170.2	18,000	33.1	188.7	15,900	43.1	196.6	13,800	150
154				8.1	153.1	17,300	28.5	181.8	15,300	39.6	192.0	13,300	154
155							27.4	180.1	15,100	38.7	190.8	13,100	155
160							20.3	168.8	14,400	33.9	184.0	12,500	160
165							8.9	149.6	13,600	28.3	175.7	11,900	165
166							3.7	140.5	13,500	26.9	173.5	11,700	166
170										21.5	164.9	11,300	170
175										11.3	148.0	10,700	175
176										7.9	142.0	10,500	176

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



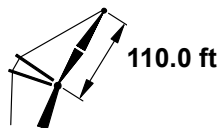
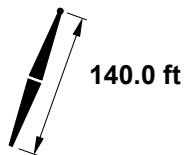
	88°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
39	75.9	254.7	71,000 c						39	
40	75.3	254.4	70,800 c						40	
45	72.6	253.0	70,300 c						45	
50	69.9	251.3	68,200 b						50	
55	67.1	249.3	65,700 b						55	
60	64.2	247.1	63,300						60	
61	63.6	246.5	62,900	70.5	250.6	69,500 b			61	
65	61.3	244.5	61,200	68.3	249.1	67,600 b			65	
70	58.3	241.6	59,000	65.5	246.9	64,200			70	
73	56.4	239.6	57,800	63.7	245.5	60,900	67.9	247.6	57,700 b	73
75	55.1	238.3	56,900	62.6	244.5	58,800	66.7	246.7	55,700	75
80	51.9	234.6	54,900	59.6	241.7	54,200	63.9	244.4	51,400	80
85	48.5	230.4	52,000	56.5	238.6	50,200	60.9	241.8	47,600	85
90	44.9	225.7	48,500	53.3	235.1	46,700	57.9	238.8	44,200	90
94	41.9	221.4	45,800	50.7	231.9	44,300	55.4	236.2	41,900	94
95	41.1	220.4	45,200	50.0	231.1	43,700	54.8	235.5	41,300	95
100	37.0	214.2	42,100	46.5	226.7	40,900	51.5	231.8	38,700	100
105	32.4	207.0	39,300	42.8	221.6	38,400	48.1	227.5	36,400	105
110	27.2	198.2	36,800	38.8	215.8	36,200	44.5	222.8	34,200	110
114	22.0	189.2	35,100	35.3	210.4	34,600	41.4	218.4	32,700	114
115	20.8	187.0	34,600	34.5	209.1	34,200	40.6	217.3	32,300	115
120	11.3	169.6	32,700	29.5	201.1	32,400	36.5	211.0	30,600	120
122	2.8	153.5	27,600	27.2	197.1	31,700	34.6	208.1	29,900	122
125				23.7	191.1	30,700	31.8	203.7	29,000	125
130				16.1	177.3	29,100	26.5	194.7	27,500	130
133				7.2	160.5	28,100	22.5	187.7	26,700	133
134				4.2	154.9	27,800	21.2	185.3	26,400	134
135							19.8	183.0	26,100	135
140							9.6	163.9	24,800	140
141							5.6	156.4	24,500	141
145										145
150										150
151										151
153										153
155										155
160										160
164										164
165										165
170										170
175										175
176										176
180										180
185										185
186										186

MLC250 S-1

ASME B30.5



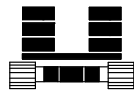
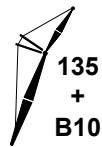
149,600 lb
+
0 lb



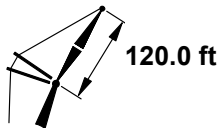
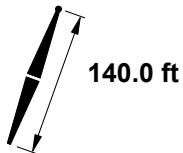
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
39													39
40													40
45													45
50													50
55													55
60													60
61													61
65													65
70													70
73													73
75													75
80													80
85													85
90													90
94	62.6	240.5	38,000										94
95	62.0	240.0	37,400										95
100	59.0	237.2	35,100										100
105	56.0	234.0	32,900										105
110	52.7	230.4	31,000										110
114	50.1	227.1	29,600	57.6	231.8	26,500							114
115	49.4	226.3	29,200	56.9	231.2	26,200							115
120	45.9	221.8	27,600	53.8	227.7	24,700							120
122	44.4	219.7	27,100	52.5	226.2	24,200							122
125	42.1	216.6	26,200	50.5	223.8	23,400							125
130	38.1	210.7	24,800	47.0	219.4	22,200							130
133	35.4	206.5	24,100	44.8	216.4	21,500	52.6	221.5	19,000				133
134	34.5	205.1	23,800	44.1	215.5	21,300	52.0	220.7	18,800				134
135	33.6	203.8	23,600	43.3	214.5	21,100	51.3	220.0	18,600				135
140	28.6	195.5	22,400	39.4	208.8	20,000	47.9	215.7	17,600				140
141	27.4	193.4	22,200	38.5	207.5	19,800	47.1	214.7	17,500				141
145	22.6	185.0	21,300	35.1	202.2	19,000	44.3	210.9	16,800				145
150	14.3	170.0	20,300	30.3	194.4	18,100	40.4	205.4	15,900				150
151	11.2	164.1	20,100	29.1	192.5	18,000	39.5	204.1	15,800	47.7	209.6	13,700	151
153	4.9	152.3	19,700	26.9	188.6	17,600	37.9	201.6	15,500	46.2	207.7	13,400	153
155				24.6	184.8	17,300	36.2	199.0	15,200	44.8	205.8	13,100	155
160				17.3	171.8	16,400	31.5	191.6	14,500	41.0	200.4	12,500	160
164				7.7	153.8	15,800	27.2	184.3	13,900	37.7	195.5	12,000	164
165							26.1	182.5	13,800	36.8	194.2	11,900	165
170							19.3	170.5	13,100	32.2	187.0	11,300	170
175							8.5	150.4	12,400	27.0	178.2	10,800	175
176							3.5	140.8	12,300	25.7	175.9	10,700	176
180										20.5	166.8	10,200	180
185										10.8	148.9	9,700	185
186										7.5	142.7	9,600	186

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



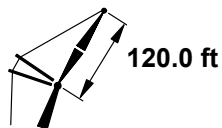
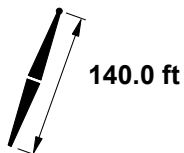
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
42	75.6	264.2	53,500 c						42	
45	74.1	263.4	52,800 b						45	
50	71.6	261.9	51,600 b						50	
55	69.1	260.1	50,600 b						55	
60	66.5	258.1	49,600						60	
64	64.4	256.2	48,800	70.7	260.1	52,100 b			64	
65	63.9	255.8	48,600	70.2	259.8	52,000 b			65	
70	61.2	253.1	47,700	67.6	257.8	51,200			70	
75	58.4	250.2	46,800	65.0	255.6	50,400			75	
77	57.3	248.9	46,400	63.9	254.6	50,100	67.7	256.7	51,100	77
80	55.6	247.0	45,900	62.3	253.2	49,700	66.2	255.4	50,700	80
85	52.6	243.4	45,100	59.6	250.4	49,000	63.5	253.1	47,200	85
90	49.5	239.3	43,600	56.8	247.3	46,400	60.8	250.5	43,900	90
95	46.3	234.8	41,900	53.9	243.8	43,400	58.1	247.5	41,000	95
98	44.3	231.8	41,000	52.1	241.5	41,700	56.4	245.5	39,400	98
100	42.9	229.8	40,400	50.9	240.0	40,600	55.2	244.2	38,400	100
105	39.3	224.0	38,000	47.7	235.7	38,200	52.3	240.5	36,100	105
110	35.4	217.5	35,700	44.4	230.9	36,000	49.2	236.5	33,900	110
115	31.0	209.8	33,600	40.9	225.4	34,000	45.9	231.9	32,000	115
119	27.0	202.4	32,000	37.9	220.5	32,500	43.2	227.8	30,700	119
120	26.0	200.6	31,600	37.1	219.3	32,100	42.5	226.7	30,300	120
125	19.9	188.8	29,900	32.9	212.1	30,400	38.8	220.9	28,700	125
130	10.8	170.6	28,700	28.3	203.7	28,900	34.9	214.2	27,300	130
132	2.7	153.7	24,400	26.0	199.5	28,300	33.1	211.1	26,700	132
135				22.7	193.2	27,500	30.4	206.4	25,900	135
139				16.8	181.6	26,400	26.3	198.9	24,900	139
140				15.4	178.7	26,100	25.3	197.0	24,600	140
144				4.0	155.3	25,000	20.2	187.2	23,700	144
145							19.0	184.7	23,500	145
150							9.2	164.7	22,300	150
151							5.4	156.9	22,100	151
155										155
158										158
160										160
163										163
165										165
170										170
174										174
175										175
180										180
185										185
186										186
190										190
196										196

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



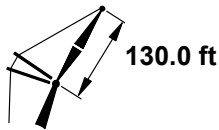
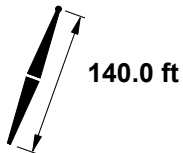
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
42													42
45													45
50													50
55													55
60													60
64													64
65													65
70													70
75													75
77													77
80													80
85													85
90													90
95													95
98	62.9	249.7	35,600										98
100	61.9	248.7	34,700										100
105	59.1	245.8	32,500										105
110	56.3	242.7	30,600										110
115	53.4	239.1	28,900										115
119	50.9	236.0	27,600	57.8	240.5	24,600							119
120	50.3	235.2	27,300	57.2	239.8	24,300							120
125	47.2	230.8	25,800	54.3	236.4	23,000							125
130	43.8	225.9	24,500	51.3	232.6	21,800							130
132	42.4	223.7	24,000	50.1	230.9	21,400							132
135	40.3	220.4	23,300	48.2	228.4	20,700							135
139	37.2	215.3	22,400	45.6	224.6	19,900	52.7	229.5	17,400				139
140	36.4	214.0	22,100	44.9	223.7	19,700	52.1	228.7	17,200				140
144	33.0	208.2	21,300	42.1	219.4	18,900	49.6	225.4	16,500				144
145	32.2	206.7	21,100	41.4	218.3	18,700	49.0	224.6	16,400				145
150	27.3	198.0	20,100	37.7	212.3	17,800	45.7	220.0	15,600				150
151	26.2	195.8	19,900	36.8	210.9	17,600	45.0	219.0	15,400				151
155	21.6	187.0	19,100	33.6	205.3	17,000	42.3	214.8	14,800				155
158	16.8	177.5	18,600	30.8	200.4	16,500	40.1	211.3	14,400	47.5	216.8	12,300	158
160	13.7	171.2	18,200	29.0	197.1	16,200	38.6	209.0	14,100	46.2	214.9	12,100	160
163	4.7	152.7	17,700	25.7	191.0	15,700	36.2	204.9	13,700	44.2	211.9	11,700	163
165				23.6	186.9	15,400	34.6	202.2	13,400	42.8	209.8	11,500	165
170				16.6	173.2	14,700	30.1	194.3	12,800	39.2	204.1	10,900	170
174				7.4	154.4	14,100	26.0	186.7	12,300	36.0	198.8	10,500	174
175							25.0	184.8	12,200	35.2	197.5	10,400	175
180							18.5	172.2	11,600	30.8	189.8	9,900	180
185							8.1	151.1	11,000	25.8	180.5	9,400	185
186							3.4	141.1	10,900	24.6	178.1	9,300	186
190										19.6	168.5	8,900	190
196										7.2	143.4	8,400	196

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



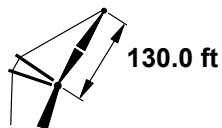
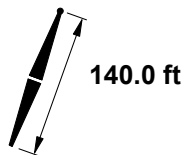
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
44	75.8	274.1	49,900 c						44	
45	75.4	273.8	49,700 b						45	
50	73.1	272.4	48,700 b						50	
55	70.8	270.8	47,800 b						55	
60	68.4	268.9	46,900						60	
65	66.0	266.8	46,000						65	
67	65.0	265.8	45,700	70.8	269.7	48,500			67	
70	63.6	264.4	45,200	69.4	268.6	48,100			70	
75	61.1	261.8	44,400	67.0	266.6	47,400			75	
80	58.5	258.9	43,300	64.6	264.3	46,800			80	
81	58.0	258.3	43,000	64.1	263.8	46,700	67.6	265.9	47,300	81
85	55.9	255.7	41,700	62.2	261.8	46,200	65.7	264.2	47,000	85
90	53.2	252.1	40,200	59.6	259.0	44,700	63.3	261.8	43,700	90
95	50.4	248.2	38,700	57.1	256.0	43,100	60.8	259.1	40,800	95
100	47.5	243.8	37,200	54.4	252.6	40,400	58.2	256.2	38,200	100
103	45.6	240.9	36,400	52.7	250.3	39,000	56.6	254.2	36,800	103
105	44.4	239.0	35,900	51.6	248.8	38,000	55.6	252.9	35,800	105
110	41.2	233.6	34,600	48.8	244.6	35,800	52.9	249.3	33,700	110
115	37.7	227.5	32,800	45.8	240.0	33,800	50.1	245.3	31,800	115
120	33.9	220.6	30,900	42.6	234.8	32,000	47.1	240.9	30,100	120
124	30.6	214.1	29,500	39.9	230.2	30,600	44.6	237.0	28,800	124
125	29.8	212.5	29,200	39.2	229.1	30,300	44.0	236.0	28,500	125
130	25.0	202.9	27,600	35.6	222.5	28,800	40.8	230.5	27,100	130
135	19.1	190.5	26,300	31.6	215.0	27,300	37.3	224.4	25,700	135
140	10.4	171.5	25,200	27.1	206.1	26,000	33.5	217.3	24,500	140
142	2.6	153.9	22,200	25.0	201.7	25,500	31.8	214.0	24,000	142
145				21.8	195.1	24,800	29.2	209.1	23,300	145
150				14.8	180.0	23,600	24.3	199.2	22,200	150
154				3.9	155.6	22,700	19.4	188.9	21,400	154
155							18.2	186.3	21,200	155
160							8.8	165.5	20,200	160
161							5.2	157.4	20,000	161
164										164
165										165
170										170
173										173
175										175
180										180
184										184
185										185
190										190
196										196
200										200
206										206

MLC250 S-1

ASME B30.5



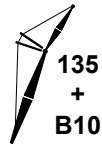
149,600 lb
+
0 lb



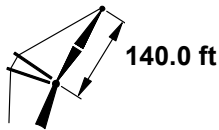
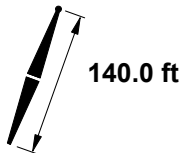
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
44													44
45													45
50													50
55													55
60													60
65													65
67													67
70													70
75													75
80													80
81													81
85													85
90													90
95													95
100													100
103	62.7	258.4	33,100										103
105	61.7	257.3	32,300										105
110	59.2	254.5	30,400										110
115	56.6	251.3	28,600										115
120	53.9	247.9	27,100										120
124	51.7	244.8	25,900	57.9	249.1	23,000							124
125	51.1	244.0	25,600	57.4	248.5	22,800							125
130	48.2	239.8	24,300	54.8	245.2	21,600							130
135	45.2	235.1	23,100	52.0	241.4	20,400							135
140	42.0	229.8	21,900	49.2	237.3	19,400							140
142	40.6	227.5	21,500	48.0	235.5	19,000							142
145	38.6	223.9	20,900	46.2	232.8	18,500	52.7	237.5	16,100				145
150	34.9	217.3	19,900	43.1	227.7	17,600	49.9	233.5	15,300				150
154	31.7	211.1	19,200	40.4	223.2	16,900	47.5	230.0	14,700				154
155	30.9	209.5	19,000	39.7	222.0	16,800	46.9	229.1	14,600				155
160	26.3	200.3	18,100	36.1	215.6	16,000	43.8	224.1	13,900				160
161	25.1	198.0	18,000	35.3	214.1	15,800	43.2	223.0	13,700				161
164	21.8	191.1	17,500	33.0	209.7	15,400	41.2	219.7	13,300	48.0	224.9	11,400	164
165	20.7	188.8	17,300	32.2	208.3	15,200	40.5	218.6	13,200	47.4	223.9	11,300	165
170	13.2	172.4	16,500	27.8	199.6	14,500	37.0	212.4	12,600	44.3	219.1	10,700	170
173	4.5	153.1	16,000	24.7	193.2	14,100	34.7	208.1	12,200	42.3	215.8	10,400	173
175				22.6	189.0	13,900	33.2	205.3	12,000	41.0	213.7	10,200	175
180				15.9	174.7	13,200	28.9	197.0	11,400	37.6	207.6	9,700	180
184				7.1	155.0	12,700	24.9	188.9	11,000	34.5	202.0	9,300	184
185							24.0	186.9	10,900	33.8	200.6	9,200	185
190							17.8	173.8	10,400	29.6	192.5	8,800	190
196							3.2	141.4	9,700	23.1	179.1	8,200	196
200										18.8	170.2	7,800	200
206										6.9	144.0	7,200	206

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



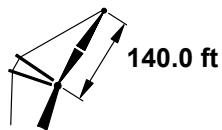
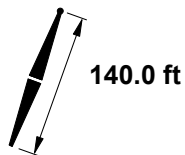
	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
46	76.0	283.9	46,500 b							46
50	74.3	282.8	45,800							50
55	72.2	281.3	44,900							55
60	70.0	279.6	44,100							60
65	67.8	277.7	43,300							65
70	65.6	275.5	42,600	71.0	279.2	44,900				70
75	63.3	273.1	41,300	68.8	277.4	44,400				75
80	61.0	270.5	39,700	66.6	275.3	43,800				80
84	59.1	268.1	38,400	64.8	273.5	42,700	68.0	275.5	43,700	84
85	58.6	267.6	38,100	64.3	273.0	42,400	67.6	275.1	43,700	85
90	56.2	264.4	36,600	62.0	270.5	40,900	65.3	272.9	43,000	90
95	53.7	260.9	35,100	59.7	267.7	39,300	63.0	270.5	40,400	95
100	51.1	257.0	33,700	57.3	264.6	37,800	60.7	267.8	37,800	100
105	48.5	252.8	32,400	54.8	261.3	36,300	58.3	264.8	35,500	105
107	47.3	250.9	31,900	53.8	259.8	35,700	57.4	263.5	34,700	107
110	45.7	248.1	31,100	52.3	257.6	34,900	55.9	261.6	33,400	110
115	42.7	243.0	29,900	49.6	253.5	33,400	53.4	258.1	31,500	115
120	39.6	237.3	28,600	46.9	249.0	31,700	50.8	254.2	29,800	120
125	36.3	230.9	27,600	44.0	244.1	30,000	48.1	249.9	28,200	125
130	32.7	223.6	26,600	41.0	238.7	28,500	45.3	245.2	26,800	130
135	28.6	215.1	25,600	37.7	232.6	27,100	42.4	240.0	25,400	135
140	24.0	205.0	24,400	34.3	225.7	25,800	39.2	234.2	24,200	140
145	18.4	192.1	23,200	30.4	217.8	24,600	35.9	227.7	23,100	145
150	10.0	172.4	22,400	26.1	208.5	23,400	32.2	220.3	22,000	150
151	6.3	163.3	21,200	25.1	206.2	23,200	31.4	218.5	21,800	151
152	2.5	154.2	20,100	24.1	203.9	23,000	30.6	216.8	21,600	152
155				21.0	197.0	22,400	28.1	211.7	21,000	155
160				14.2	181.3	21,400	23.4	201.3	20,000	160
164				3.7	156.0	20,500	18.7	190.6	19,300	164
165							17.6	187.9	19,100	165
170							8.5	166.3	18,300	170
171							5.0	157.8	18,100	171
175										175
180										180
183										183
185										185
190										190
194										194
195										195
200										200
205										205
206										206
210										210
216										216

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



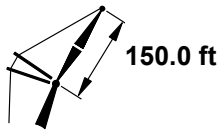
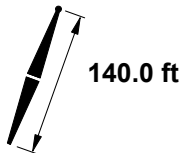
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
46													46
50													50
55													55
60													60
65													65
70													70
75													75
80													80
84													84
85													85
90													90
95													95
100													100
105													105
107	63.0	267.6	31,100										107
110	61.6	266.0	30,000										110
115	59.2	263.1	28,300										115
120	56.8	260.0	26,700										120
125	54.4	256.6	25,300										125
130	51.8	252.8	23,900	57.6	257.2	21,200							130
135	49.1	248.7	22,700	55.2	253.9	20,100							135
140	46.4	244.2	21,600	52.6	250.2	19,000							140
145	43.5	239.2	20,600	50.0	246.2	18,100							145
150	40.4	233.6	19,600	47.3	241.8	17,200							150
151	39.8	232.3	19,400	46.7	240.8	17,100	52.7	245.5	14,800				151
152	39.1	231.1	19,200	46.1	239.9	16,900	52.2	244.7	14,600				152
155	37.2	227.4	18,700	44.4	237.0	16,400	50.6	242.4	14,200				155
160	33.6	220.3	17,800	41.4	231.6	15,600	47.9	238.1	13,500				160
164	30.5	213.8	17,200	38.9	226.8	15,000	45.7	234.3	13,000				164
165	29.7	212.2	17,000	38.2	225.6	14,900	45.1	233.3	12,800				165
170	25.3	202.6	16,300	34.8	218.8	14,200	42.2	228.1	12,200				170
171	24.2	200.2	16,100	34.0	217.3	14,100	41.5	226.9	12,100	47.8	232.0	10,200	171
175	20.0	190.6	15,500	31.0	211.1	13,600	39.0	222.2	11,600	45.5	228.2	9,700	175
180	12.7	173.5	14,800	26.8	202.0	13,000	35.6	215.7	11,100	42.6	223.1	9,200	180
183	4.4	153.5	14,400	23.8	195.4	12,600	33.4	211.2	10,800	40.7	219.6	8,900	183
185				21.8	190.9	12,400	32.0	208.2	10,600	39.5	217.3	8,700	185
190				15.4	176.0	11,800	27.8	199.5	10,100	36.2	210.9	8,200	190
194				6.8	155.7	11,300	24.0	191.1	9,700	33.2	205.0	7,900	194
195							23.1	189.0	9,600	32.5	203.6	7,800	195
200							17.1	175.3	9,100	28.5	195.1	7,300	200
205							7.5	152.5	8,700	23.8	184.9	6,900	205
206							3.1	141.7	8,500	22.7	182.3	6,800	206
210										18.1	171.9	6,500	210
216										6.7	144.6	6,000	216

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



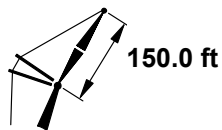
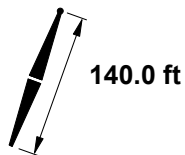
	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
49	75.8	293.4	43,100 b							49
50	75.4	293.2	42,900							50
55	73.4	291.8	42,100							55
60	71.4	290.2	41,400							60
65	69.4	288.4	40,700							65
70	67.3	286.4	39,600							70
74	65.6	284.7	38,300	70.7	288.4	41,500				74
75	65.2	284.2	38,000	70.2	288.0	41,400				75
80	63.1	281.8	36,600	68.2	286.1	40,600				80
85	60.9	279.1	35,100	66.1	284.0	39,100				85
88	59.6	277.4	34,200	64.9	282.6	38,100	67.9	284.6	40,000	88
90	58.7	276.2	33,600	64.0	281.7	37,500	67.1	283.8	39,400	90
95	56.5	273.1	32,100	61.9	279.2	36,100	65.0	281.6	38,100	95
100	54.1	269.6	30,800	59.7	276.4	34,600	62.8	279.1	36,600	100
105	51.8	265.8	29,500	57.5	273.3	33,200	60.7	276.4	35,200	105
110	49.3	261.7	28,300	55.2	270.0	31,800	58.5	273.5	33,300	110
112	48.2	259.9	27,800	54.2	268.5	31,300	57.6	272.2	32,600	112
115	46.7	257.2	27,000	52.8	266.3	30,500	56.2	270.3	31,400	115
120	44.0	252.3	25,900	50.4	262.4	29,200	53.9	266.8	29,700	120
125	41.2	246.8	24,800	47.8	258.0	27,900	51.5	263.0	28,100	125
130	38.2	240.8	23,700	45.2	253.3	26,800	49.0	258.8	26,700	130
135	35.0	234.1	22,800	42.4	248.1	25,600	46.4	254.3	25,400	135
140	31.5	226.4	21,800	39.5	242.3	24,500	43.7	249.3	24,100	140
145	27.7	217.6	20,900	36.4	235.9	23,500	40.8	243.8	23,000	145
150	23.2	207.1	20,100	33.1	228.7	22,500	37.8	237.7	21,900	150
155	17.7	193.7	19,500	29.4	220.5	21,600	34.6	230.8	20,900	155
157	14.5	185.5	19,300	27.7	216.6	21,300	33.2	227.7	20,600	157
160	9.7	173.2	18,900	25.2	210.8	20,800	31.1	223.1	20,000	160
162	2.4	154.4	18,400	23.2	206.0	20,500	29.5	219.5	19,700	162
165				20.3	198.9	20,000	27.2	214.1	19,100	165
170				13.7	182.5	19,300	22.6	203.3	18,300	170
174				3.6	156.3	18,800	18.1	192.2	17,700	174
175							17.0	189.4	17,500	175
178							11.7	176.0	17,000	178
180							8.2	167.0	16,700	180
181							4.8	158.2	16,600	181
185										185
190										190
193										193
200										200
204										204
210										210
215										215
216										216

MLC250 S-1

ASME B30.5



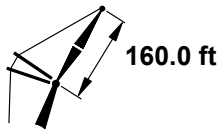
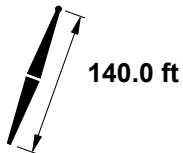
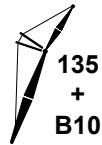
149,600 lb
+
0 lb



	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
49													49
50													50
55													55
60													60
65													65
70													70
74													74
75													75
80													80
85													85
88													88
90													90
95													95
100													100
105													105
110													110
112	62.8	276.2	29,200										112
115	61.5	274.6	28,200										115
120	59.3	271.8	26,600										120
125	57.1	268.7	25,200										125
130	54.7	265.3	23,900										130
135	52.4	261.6	22,600	57.8	265.9	20,000							135
140	49.9	257.6	21,500	55.5	262.6	19,000							140
145	47.4	253.2	20,500	53.1	259.0	18,000							145
150	44.7	248.4	19,500	50.7	255.1	17,100							150
155	41.9	243.1	18,600	48.2	250.8	16,300							155
157	40.8	240.7	18,300	47.1	248.9	16,000	52.8	253.5	13,800				157
160	39.0	237.2	17,800	45.6	246.1	15,600	51.3	251.2	13,400				160
162	37.7	234.6	17,400	44.5	244.0	15,300	50.3	249.5	13,100				162
165	35.8	230.7	17,000	42.8	241.0	14,800	48.8	247.0	12,800				165
170	32.4	223.3	16,200	39.9	235.3	14,200	46.2	242.4	12,100				170
174	29.4	216.5	15,700	37.5	230.2	13,600	44.1	238.4	11,700				174
175	28.7	214.8	15,500	36.9	229.0	13,500	43.5	237.4	11,600				175
178	26.1	208.8	15,100	34.9	224.7	13,200	41.8	234.1	11,200	47.7	239.2	9,300	178
180	24.4	204.8	14,800	33.6	221.9	12,900	40.7	231.8	11,000	46.6	237.3	9,100	180
181	23.4	202.3	14,700	32.8	220.3	12,800	40.1	230.6	10,900	46.1	236.3	9,000	181
185	19.3	192.3	14,200	29.9	213.8	12,300	37.6	225.7	10,500	43.9	232.3	8,600	185
190	12.2	174.6	13,600	25.8	204.4	11,800	34.4	218.8	10,000	41.1	226.9	8,100	190
193	4.2	153.9	13,200	22.5	196.3	11,500	32.1	213.8	9,800	39.2	223.0	7,800	193
200				14.8	177.4	10,800	26.9	201.9	9,100	34.9	214.1	7,200	200
204				6.6	156.2	10,300	22.7	191.9	8,800	31.9	207.5	6,900	204
210							16.5	176.8	8,300	27.5	197.6	6,400	210
215							7.3	153.1	7,800	23.0	187.0	6,100	215
216							3.0	142.0	7,700				216

MLC250 S-1

ASME B30.5



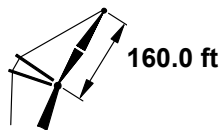
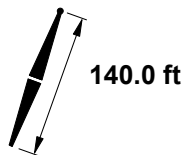
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
51	75.9	303.2	39,900							51
55	74.5	302.2	39,300							55
60	72.6	300.7	38,600							60
65	70.7	299.0	37,800							65
70	68.8	297.2	36,200							70
75	66.9	295.2	34,700							75
77	66.1	294.3	34,100	70.8	297.9	37,800				77
80	64.9	292.9	33,200	69.6	296.9	37,000				80
85	62.9	290.5	31,900	67.7	294.9	35,600				85
90	60.9	287.8	30,400	65.8	292.8	34,100				90
92	60.1	286.6	29,900	65.0	291.8	33,600	67.8	293.8	35,300	92
95	58.8	284.9	29,000	63.8	290.4	32,700	66.6	292.5	34,500	95
100	56.7	281.7	27,700	61.8	287.8	31,300	64.7	290.3	33,200	100
105	54.5	278.3	26,500	59.7	285.0	30,000	62.7	287.8	31,900	105
110	52.3	274.6	25,200	57.6	282.0	28,600	60.6	285.1	30,600	110
115	50.0	270.6	24,100	55.5	278.7	27,400	58.6	282.2	29,200	115
116	49.5	269.7	23,800	55.0	278.0	27,100	58.1	281.5	29,000	116
120	47.6	266.2	22,900	53.3	275.1	26,100	56.4	279.0	27,900	120
125	45.1	261.4	21,900	51.0	271.2	24,900	54.3	275.5	26,700	125
130	42.6	256.2	20,800	48.7	267.0	23,700	52.0	271.8	25,500	130
135	39.8	250.5	19,800	46.2	262.4	22,600	49.7	267.7	24,300	135
140	37.0	244.2	18,900	43.7	257.4	21,500	47.3	263.3	23,200	140
145	33.9	237.2	18,000	41.0	251.9	20,500	44.8	258.5	22,100	145
150	30.5	229.2	17,200	38.2	245.9	19,500	42.2	253.2	21,000	150
155	26.8	220.1	16,300	35.2	239.2	18,600	39.5	247.4	20,100	155
160	22.5	209.1	15,700	32.0	231.6	17,700	36.6	241.0	19,100	160
163	19.3	200.8	15,100	29.9	226.5	17,200	34.7	236.8	18,600	163
165	17.2	195.3	14,800	28.4	223.0	16,900	33.5	233.9	18,200	165
170	9.4	174.1	13,900	24.4	213.0	16,100	30.1	225.8	17,400	170
172	2.4	154.6	13,600	22.5	208.0	15,800	28.5	222.1	17,000	172
175				19.6	200.6	15,300	26.3	216.5	16,500	175
180				13.3	183.7	14,400	21.9	205.3	15,800	180
184				3.5	156.6	13,700	17.5	193.8	15,000	184
185							16.4	190.9	14,800	185
190							7.9	167.7	13,900	190
191							4.7	158.6	13,800	191
195										195
200										200
203										203
205										205
210										210
214										214
220										220
226										226

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



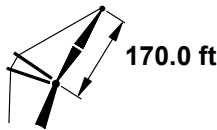
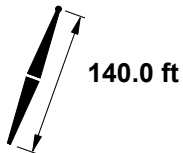
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
51													51
55													55
60													60
65													65
70													70
75													75
77													77
80													80
85													85
90													90
92													92
95													95
100													100
105													105
110													110
115													115
116	63.0	285.4	27,500										116
120	61.4	283.3	26,200										120
125	59.3	280.5	24,800										125
130	57.2	277.4	23,500										130
135	55.1	274.0	22,300										135
140	52.9	270.4	21,200	57.9	274.5	18,600							140
145	50.6	266.4	20,100	55.8	271.3	17,600							145
150	48.2	262.2	19,200	53.6	267.7	16,800							150
155	45.8	257.5	18,300	51.3	263.9	16,000							155
160	43.2	252.4	17,400	49.0	259.7	15,200							160
163	41.6	249.1	17,000	47.5	257.0	14,800	52.8	261.5	12,600				163
165	40.5	246.8	16,700	46.6	255.2	14,500	51.9	260.0	12,400				165
170	37.7	240.7	15,900	44.1	250.2	13,800	49.6	255.9	11,800				170
172	36.5	237.9	15,600	43.0	248.0	13,600	48.6	254.1	11,500				172
175	34.7	233.8	15,200	41.4	244.8	13,200	47.2	251.4	11,200				175
180	31.4	226.2	14,600	38.6	238.8	12,600	44.7	246.6	10,700				180
184	28.5	219.1	14,100	36.3	233.6	12,100	42.6	242.4	10,300	48.0	247.2	8,100	184
185	27.8	217.3	13,900	35.7	232.2	12,000	42.1	241.3	10,200	47.5	246.3	8,000	185
190	23.6	206.9	13,300	32.5	224.8	11,500	39.3	235.5	9,700	45.0	241.5	7,600	190
191	22.6	204.4	13,200	31.8	223.2	11,400	38.7	234.2	9,600	44.5	240.5	7,500	191
195	18.7	194.0	12,800	29.0	216.4	11,000	36.4	229.1	9,200	42.5	236.3	7,100	195
200	11.9	175.7	12,200	25.0	206.6	10,500	33.3	221.9	8,800	39.7	230.6	6,700	200
203	4.1	154.3	11,800	22.2	199.4	10,200	31.2	217.0	8,500	38.0	226.8	6,500	203
205				20.4	194.6	10,000	29.8	213.7	8,400	36.8	224.2	6,300	205
210				14.4	178.6	9,600	26.0	204.3	8,000				210
214				6.4	156.8	9,200	22.0	193.9	7,600				214
220							16.0	178.2	7,100				220
226							2.9	142.2	6,600				226

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



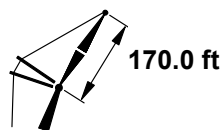
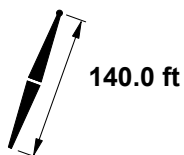
	88°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
54	75.7	312.8	36,800						54	
55	75.4	312.5	36,600						55	
60	73.7	311.1	35,900						60	
65	71.9	309.6	34,800						65	
70	70.1	307.9	33,400						70	
75	68.3	306.0	32,000						75	
80	66.5	303.9	30,500	70.9	307.5	34,000			80	
85	64.6	301.6	29,200	69.1	305.7	32,600			85	
90	62.7	299.1	27,900	67.3	303.7	31,300			90	
95	60.8	296.5	26,500	65.4	301.5	30,000			95	
96	60.4	295.9	26,300	65.0	301.0	29,700	67.7	303.0	31,400	96
100	58.9	293.6	25,300	63.6	299.1	28,700	66.3	301.3	30,400	100
105	56.9	290.4	24,100	61.7	296.5	27,400	64.4	299.0	29,100	105
110	54.9	287.0	22,900	59.7	293.7	26,100	62.5	296.5	27,900	110
115	52.8	283.4	21,800	57.8	290.6	24,900	60.6	293.8	26,700	115
120	50.6	279.4	20,700	55.7	287.4	23,600	58.6	290.8	25,400	120
121	50.2	278.6	20,500	55.3	286.7	23,400	58.2	290.2	25,200	121
125	48.4	275.2	19,600	53.7	283.8	22,500	56.6	287.7	24,200	125
130	46.1	270.5	18,600	51.6	280.0	21,400	54.6	284.2	23,100	130
135	43.7	265.5	17,700	49.4	275.9	20,300	52.5	280.6	21,900	135
140	41.2	260.1	16,800	47.1	271.4	19,200	50.4	276.6	20,800	140
145	38.6	254.1	15,900	44.8	266.6	18,300	48.1	272.3	19,800	145
150	35.8	247.5	15,000	42.3	261.3	17,300	45.8	267.6	18,800	150
155	32.8	240.2	14,200	39.8	255.6	16,400	43.4	262.5	17,800	155
160	29.6	231.9	13,300	37.0	249.3	15,500	40.9	257.0	16,900	160
165	26.0	222.4	12,400	34.1	242.3	14,700	38.3	251.0	16,000	165
169	22.6	213.4	11,700	31.6	236.0	14,000	36.0	245.6	15,300	169
170	21.8	211.1	11,600	31.0	234.4	13,800	35.5	244.3	15,200	170
175	16.7	196.8	10,700	27.6	225.5	12,900	32.4	236.9	14,300	175
180	9.1	174.9	9,900	23.7	215.1	12,000	29.2	228.5	13,300	180
182	2.3	154.8	9,800	21.8	210.0	11,600	27.7	224.6	13,000	182
185				19.0	202.3	11,200	25.5	218.8	12,400	185
190				12.9	184.8	10,400	21.2	207.2	11,600	190
194				3.4	156.9	9,800	17.0	195.3	10,900	194
195							15.9	192.3	10,700	195
200							7.7	168.4	10,000	200
201							4.5	159.0	9,900	201
205										205
210										210
213										213
215										215
220										220
224										224
230										230

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



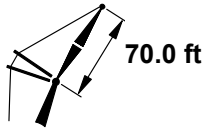
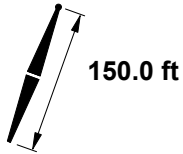
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
54										54
55										55
60										60
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70										70
75										75
80										80
85										85
90										90
95										95
96										96
100										100
105										105
110										110
115										115
120										120
121	62.8	294.1	25,700							121
125	61.3	292.0	24,600							125
130	59.4	289.1	23,300							130
135	57.4	286.1	22,000							135
140	55.4	282.7	20,900							140
145	53.3	279.1	19,900	58.0	283.2	17,400				145
150	51.2	275.3	18,900	56.0	280.0	16,500				150
155	49.0	271.1	18,000	54.0	276.4	15,700				155
160	46.7	266.6	17,200	51.9	272.7	14,900				160
165	44.3	261.6	16,400	49.7	268.6	14,200				165
169	42.4	257.4	15,800	47.9	265.1	13,700	52.8	269.5	11,600	169
170	41.9	256.3	15,700	47.4	264.2	13,600	52.4	268.8	11,500	170
175	39.3	250.5	15,000	45.1	259.4	12,900	50.2	264.7	10,900	175
180	36.5	244.0	14,300	42.7	254.2	12,400	48.0	260.4	10,400	180
182	35.4	241.2	14,100	41.6	251.9	12,100	47.1	258.5	10,200	182
185	33.6	236.9	13,700	40.1	248.5	11,800	45.7	255.7	9,900	185
190	30.4	228.9	13,100	37.4	242.3	11,300	43.3	250.6	9,400	190
194	27.6	221.6	12,700	35.1	236.8	10,900	41.3	246.2	9,100	194
195	26.9	219.8	12,600	34.6	235.4	10,800	40.8	245.1	9,000	195
200	22.9	209.0	12,000	31.5	227.7	10,300	38.1	239.0	8,500	200
201	21.9	206.3	11,800	30.8	226.0	10,200	37.5	237.6	8,400	201
205	18.1	195.6	11,100	28.1	219.0	9,800	35.3	232.3	8,100	205
210	11.5	176.7	10,300	24.3	208.8	9,400	32.2	224.8	7,600	210
213	4.0	154.6	10,000	21.6	201.4	9,100	30.2	219.7	7,400	213
215				19.8	196.4	9,000	28.9	216.3	7,200	215
220				13.9	179.9	8,500	25.2	206.6	6,800	220
224				6.2	157.4	8,200	21.3	195.8	6,500	224
230							15.5	179.6	6,100	230

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



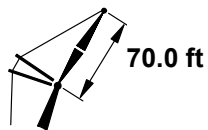
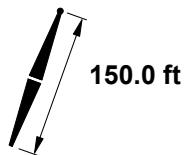
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
35	71.2	224.3	97,700 d						35	
40	66.9	222.4	97,400 d						40	
45	62.3	220.0	97,000 c						45	
49	58.5	217.7	96,700 c	70.4	222.7	101,000 d			49	
50	57.6	217.1	96,600 c	69.5	222.4	99,100 c			50	
55	52.6	213.6	93,000 b	65.1	220.3	87,600 c			55	
60	47.3	209.4	85,400 b	60.5	217.7	78,400 b	67.6	220.2	74,100 c	60
65	41.4	204.3	77,200 b	55.7	214.6	70,800 b	63.0	217.9	67,000 c	65
70	34.8	197.9	70,300 b	50.5	210.8	64,500 b	58.3	215.1	61,000 b	70
75	26.7	189.5	64,400	45.0	206.3	59,100	53.4	211.7	55,900 b	75
78	19.9	181.7	57,700	41.3	203.0	56,300	50.2	209.3	53,300 b	78
80	15.3	176.5	53,300	38.9	200.7	54,500	48.1	207.6	51,500	80
82	6.7	166.2	45,700	36.1	197.9	52,900	45.8	205.6	50,000	82
85				31.8	193.7	50,500	42.4	202.7	47,700	85
90				22.9	184.0	46,900	35.9	196.5	44,400	90
95				7.0	165.3	43,600	28.1	188.5	41,400	95
96							26.0	186.1	40,900	96
100							17.6	176.6	38,700	100
103							5.0	161.6	37,100	103
105										105
110										110
113										113
115										115
120										120
125										125
128										128
129										129
130										130
135										135
140										140
145										145
150										150
151										151

MLC250 S-1

ASME B30.5



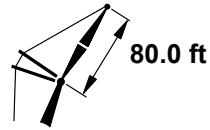
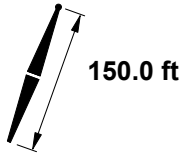
149,600 lb
+
0 lb



	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
35													35
40													40
45													45
49													49
50													50
55													55
60													60
65													65
70													70
75													75
78	62.8	214.7	48,100 c										78
80	60.9	213.7	46,600 b										80
82	59.0	212.5	45,200 b										82
85	56.1	210.6	43,200 b										85
90	51.1	206.9	40,100 b										90
95	45.6	202.5	37,500										95
96	44.4	201.4	37,000	57.5	207.4	33,000 b							96
100	39.5	197.0	35,100	53.6	204.7	31,300 b							100
103	35.3	192.9	33,800	50.4	202.2	30,200 b							103
105	32.6	190.2	32,900	48.3	200.6	29,400							105
110	23.9	180.8	30,900	42.5	195.7	27,700							110
113	15.4	170.9	29,800	38.7	192.0	26,700	52.6	198.8	23,600 b				113
115	9.7	164.3	29,000	36.1	189.6	26,100	50.5	197.2	23,000 b				115
120				28.4	181.7	24,600	44.9	192.6	21,700				120
125				18.0	170.0	23,200	38.8	187.0	20,500				125
128				6.3	156.0	22,300	34.5	182.8	19,800				128
129							33.1	181.4	19,600	47.8	188.8	17,000	129
130							31.7	179.9	19,400	46.7	187.9	16,800	130
135							22.7	170.2	18,300	40.7	182.6	15,900	135
140							6.4	150.9	17,200	34.0	176.1	15,100	140
145										25.8	167.4	14,300	145
150										13.6	153.4	13,400	150
151										9.4	148.5	13,300	151

MLC250 S-1

ASME B30.5



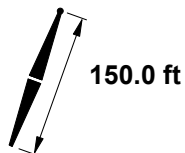
	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
32	75.9	235.6	90,300 d							32
35	73.7	234.8	90,100 d							35
40	69.9	233.1	89,700 d							40
45	66.0	231.1	89,300 c							45
50	62.0	228.7	88,700 c							50
52	60.4	227.5	87,200 c	70.7	232.3	92,700 c				52
55	57.9	225.8	85,100 b	68.4	231.2	87,300 c				55
60	53.6	222.4	81,800 b	64.5	229.0	78,100 b				60
64	49.9	219.2	77,600 b	61.2	226.9	72,000 b	67.4	229.4	67,900 c	64
65	49.0	218.4	76,500 b	60.4	226.4	70,500 b	66.6	229.0	66,600 c	65
70	44.0	213.6	70,100	56.2	223.3	64,200 b	62.7	226.6	60,600 b	70
75	38.6	207.9	64,300	51.8	219.7	58,900	58.6	223.8	55,600 b	75
80	32.4	200.9	59,300	47.1	215.4	54,300	54.3	220.4	51,200	80
83	28.0	195.5	56,700	44.0	212.3	51,900	51.5	218.1	49,000	83
85	25.0	191.8	54,900	42.0	210.3	50,300	49.7	216.5	47,400	85
90	14.3	177.8	46,700	36.3	204.1	46,800	44.8	211.9	44,100	90
92	6.3	166.8	40,400	33.7	201.1	45,500	42.7	209.7	43,000	92
95				29.7	196.4	43,600	39.5	206.4	41,200	95
100				21.4	186.0	40,800	33.5	199.6	38,600	100
101				18.4	182.0	40,300	32.0	197.9	38,100	101
105				6.5	165.8	38,200	26.3	190.9	36,200	105
110							16.4	178.1	34,000	110
113							4.7	162.0	32,700	113
115										115
119										119
120										120
125										125
130										130
135										135
136										136
138										138
140										140
145										145
150										150
155										155
160										160
161										161

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



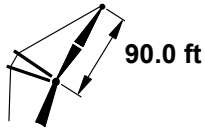
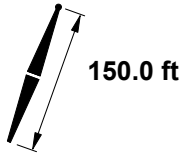
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
32													32
35													35
40													40
45													45
50													50
52													52
55													55
60													60
64													64
65													65
70													70
75													75
80													80
83	62.5	223.4	44,100 b										83
85	60.8	222.3	42,800 b										85
90	56.6	219.3	39,800 b										90
92	54.9	217.9	38,700 b										92
95	52.2	215.7	37,100										95
100	47.5	211.5	34,700										100
101	46.5	210.5	34,300	57.8	216.1	30,500 b							101
105	42.5	206.5	32,600	54.4	213.4	29,000							105
110	36.9	200.5	30,700	49.9	209.5	27,300							110
113	33.0	196.0	29,600	46.9	206.8	26,300							113
115	30.4	193.0	28,900	45.0	204.9	25,700							115
119	23.9	184.9	27,600	40.7	200.5	24,600	52.6	206.8	21,500				119
120	22.3	182.9	27,300	39.7	199.4	24,300	51.7	206.0	21,300				120
125	9.1	165.1	25,700	33.7	192.7	23,000	47.0	201.7	20,100				125
130				26.5	184.1	21,700	41.9	196.6	19,000				130
135				16.8	171.5	20,500	36.2	190.4	18,000				135
136				13.2	166.5	20,300	34.9	188.9	17,800	47.5	195.9	15,300	136
138				5.9	156.5	19,800	32.2	185.8	17,500	45.5	194.0	15,000	138
140							29.6	182.7	17,100	43.5	192.0	14,700	140
145							21.2	172.2	16,200	38.0	186.2	13,900	145
150							6.0	151.5	15,200	31.7	179.0	13,200	150
155										24.1	169.6	12,500	155
160										12.7	154.5	11,800	160
161										8.8	149.2	11,600	161

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



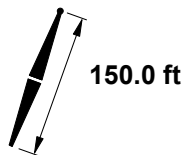
	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
35	75.5	245.2	81,900 d							35
40	72.2	243.7	81,400 d							40
45	68.8	241.9	80,900 c							45
50	65.4	239.8	77,800 c							50
55	61.8	237.3	74,700 b	70.9	241.8	83,500 c				55
60	58.1	234.5	71,800 b	67.5	239.9	77,900 b				60
65	54.3	231.1	69,100 b	64.0	237.7	70,300 b				65
67	52.7	229.6	68,100 b	62.5	236.6	67,800 b	68.0	239.0	63,900 b	67
70	50.3	227.2	66,600	60.4	235.0	64,000 b	65.9	237.7	60,400 b	70
75	46.0	222.8	62,600	56.6	232.0	58,700	62.4	235.3	55,400 b	75
80	41.4	217.5	57,900	52.7	228.4	54,100	58.7	232.4	51,000	80
85	36.3	211.3	53,500	48.6	224.3	50,100	54.9	229.2	47,300	85
87	34.0	208.3	51,900	46.9	222.4	48,700	53.3	227.6	46,000	87
90	30.5	203.7	49,600	44.2	219.6	46,700	50.9	225.4	44,000	90
95	23.5	193.9	46,100	39.5	214.0	43,600	46.7	221.0	41,100	95
100	13.5	179.0	41,000	34.1	207.3	40,800	42.1	215.9	38,500	100
102	5.9	167.3	35,700	31.7	204.0	39,800	40.1	213.5	37,500	102
105				28.0	199.0	38,300	37.2	209.9	36,100	105
107				24.8	194.5	37,400	34.9	206.9	35,300	107
110				20.2	187.8	36,100	31.5	202.5	34,000	110
115				6.1	166.4	33,900	24.7	193.2	32,100	115
120							15.5	179.5	30,300	120
123							4.4	162.4	29,200	123
125										125
130										130
135										135
140										140
143										143
145										145
148										148
150										150
155										155
160										160
165										165
170										170
171										171

MLC250 S-1

ASME B30.5



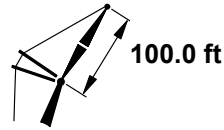
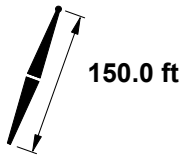
149,600 lb
+
0 lb



	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
35													35
40													40
45													45
50													50
55													55
60													60
65													65
67													67
70													70
75													75
80													80
85													85
87	62.9	232.6	41,300 b										87
90	60.7	231.0	39,500 b										90
95	57.0	228.0	36,900										95
100	53.1	224.5	34,500										100
102	51.5	222.9	33,700										102
105	49.0	220.5	32,400										105
107	47.3	218.6	31,700	57.3	224.1	28,100							107
110	44.7	215.8	30,500	55.0	222.1	27,100							110
115	39.9	210.3	28,800	51.1	218.4	25,500							115
120	34.7	203.7	27,200	46.8	214.0	24,100							120
123	31.0	198.8	26,300	44.1	211.0	23,300							123
125	28.6	195.6	25,700	42.3	208.9	22,800	52.7	214.8	19,900				125
130	21.0	184.8	24,400	37.3	202.9	21,600	48.6	210.6	18,800				130
135	8.5	165.8	23,100	31.7	195.6	20,500	44.2	205.9	17,800				135
140				25.0	186.4	19,400	39.4	200.3	16,900				140
143				19.5	178.3	18,800	36.2	196.3	16,400	47.3	203.1	14,000	143
145				15.8	172.9	18,400	34.1	193.6	16,100	45.5	201.2	13,700	145
148				5.5	157.0	17,800	30.3	188.6	15,600	42.7	198.0	13,300	148
150							27.9	185.2	15,200	40.9	195.9	13,000	150
155							20.0	174.0	14,500	35.7	189.5	12,300	155
160							5.6	152.0	13,700	29.9	181.8	11,700	160
165										22.7	171.6	11,100	165
170										11.9	155.6	10,500	170
171										8.3	150.0	10,300	171

MLC250 S-1

ASME B30.5



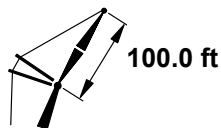
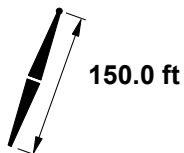
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
37	75.8	255.0	75,200 d							37
40	74.0	254.2	74,900 d							40
45	71.0	252.6	74,400 c							45
50	68.0	250.7	72,700 c							50
55	64.8	248.5	69,600 b							55
59	62.3	246.5	67,400 b	70.4	251.0	76,100 b				59
60	61.6	246.0	66,800 b	69.8	250.7	75,500 b				60
65	58.3	243.1	64,100 b	66.7	248.7	70,000 b				65
70	54.9	239.8	61,500	63.6	246.4	63,700				70
71	54.2	239.1	61,000	62.9	245.8	62,600	67.8	248.1	59,000 b	71
75	51.3	236.1	59,200	60.3	243.7	58,400	65.3	246.4	55,000 b	75
80	47.5	231.8	55,900	57.0	240.6	53,800	62.1	243.9	50,700	80
85	43.5	226.9	51,900	53.5	237.2	49,900	58.8	241.1	46,900	85
90	39.2	221.2	48,200	49.8	233.2	46,400	55.4	237.9	43,600	90
92	37.3	218.5	46,800	48.3	231.4	45,200	54.0	236.4	42,500	92
95	34.4	214.5	44,800	46.0	228.7	43,300	51.9	234.2	40,700	95
100	28.9	206.4	41,700	41.9	223.5	40,600	48.1	230.0	38,200	100
105	22.3	196.0	39,000	37.4	217.5	38,100	44.2	225.2	35,800	105
110	12.8	180.2	36,600	32.3	210.3	35,900	39.9	219.6	33,700	110
112	5.6	167.8	31,900	30.0	206.7	35,100	38.0	217.0	33,000	112
115				26.5	201.4	33,900	35.2	213.1	31,800	115
120				19.1	189.5	32,000	29.9	205.3	30,100	120
125				5.8	166.9	30,200	23.5	195.3	28,500	125
130							14.7	180.9	27,000	130
131							11.2	174.8	26,700	131
133							4.2	162.8	26,100	133
135										135
140										140
145										145
149										149
150										150
155										155
158										158
160										160
165										165
170										170
175										175
180										180
181										181

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



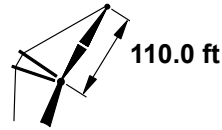
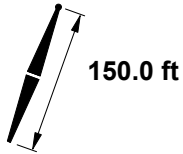
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
37													37
40													40
45													45
50													50
55													55
59													59
60													60
65													65
70													70
71													71
75													75
80													80
85													85
90													90
92	62.6	241.3	38,000										92
95	60.7	239.7	36,500										95
100	57.3	236.7	34,200										100
105	53.8	233.2	32,100										105
110	50.2	229.3	30,200										110
112	48.7	227.5	29,500	57.6	232.8	26,000							112
115	46.4	224.9	28,500	55.5	230.8	25,100							115
120	42.3	219.8	26,900	52.0	227.2	23,700							120
125	37.8	213.8	25,400	48.3	223.0	22,400							125
130	32.9	206.7	24,100	44.3	218.2	21,200							130
131	31.7	205.0	23,900	43.4	217.1	21,000	52.7	222.8	18,200				131
133	29.4	201.5	23,400	41.7	214.9	20,600	51.3	221.1	17,800				133
135	27.1	198.1	22,900	40.0	212.7	20,100	49.8	219.5	17,400				135
140	19.9	186.6	21,700	35.3	206.2	19,100	45.9	215.0	16,500				140
145	8.1	166.6	20,600	30.0	198.4	18,200	41.8	209.8	15,700				145
149				24.9	190.5	17,400	38.2	205.0	15,100	47.9	211.2	12,700	149
150				23.7	188.5	17,300	37.3	203.8	14,900	47.1	210.2	12,600	150
155				15.0	174.3	16,400	32.3	196.6	14,200	43.1	205.3	11,900	155
158				5.2	157.5	15,800	28.7	191.2	13,700	40.4	201.8	11,600	158
160							26.4	187.7	13,500	38.7	199.5	11,300	160
165							19.0	175.7	12,800	33.9	192.7	10,700	165
170							5.3	152.5	12,100	28.3	184.4	10,200	170
175										21.5	173.6	9,700	175
180										11.3	156.6	9,100	180
181										7.9	150.7	8,900	181

MLC250 S-1

ASME B30.5



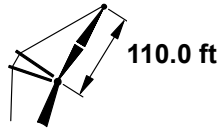
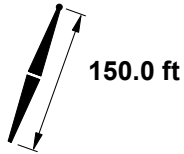
149,600 lb
+
0 lb



	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
40	75.5	264.5	69,300 c							40
45	72.8	263.1	68,800 c							45
50	70.1	261.4	67,600 b							50
55	67.3	259.5	65,200 b							55
60	64.4	257.2	62,900							60
62	63.2	256.2	62,100	70.6	260.6	68,800 b				62
65	61.5	254.7	60,800	69.0	259.5	67,500 b				65
70	58.5	251.8	58,800	66.2	257.4	63,600				70
75	55.4	248.5	56,700	63.3	255.0	58,300	67.7	257.3	54,900 b	75
80	52.1	244.9	53,800	60.3	252.4	53,800	64.9	255.1	50,600	80
85	48.8	240.7	50,200	57.3	249.3	49,800	61.9	252.6	46,900	85
90	45.2	236.1	46,900	54.1	245.9	46,300	59.0	249.8	43,600	90
95	41.4	230.8	43,800	50.8	242.1	43,300	55.9	246.6	40,700	95
96	40.6	229.5	43,200	50.1	241.2	42,700	55.2	245.8	40,200	96
100	37.3	224.7	40,900	47.4	237.7	40,600	52.7	243.0	38,100	100
105	32.8	217.5	38,300	43.7	232.8	38,100	49.3	238.9	35,800	105
110	27.6	208.9	35,800	39.8	227.2	35,900	45.8	234.3	33,700	110
115	21.3	197.9	33,800	35.6	220.8	33,900	42.0	229.1	31,900	115
117	17.6	191.2	33,200	33.7	217.7	33,200	40.4	226.7	31,200	117
120	12.2	181.3	32,300	30.8	213.1	32,100	38.0	223.2	30,100	120
122	5.4	168.3	29,200	28.6	209.4	31,400	36.2	220.4	29,500	122
125				25.3	203.7	30,400	33.5	216.2	28,500	125
130				18.2	191.2	28,800	28.4	207.9	27,100	130
135				5.5	167.4	27,300	22.4	197.3	25,700	135
137							19.0	191.2	25,200	137
140							14.0	182.1	24,400	140
143							4.0	163.1	23,700	143
145										145
150										150
155										155
156										156
160										160
165										165
168										168
170										170
175										175
180										180
185										185
190										190
191										191

MLC250 S-1

ASME B30.5



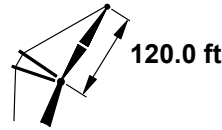
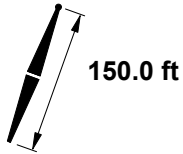
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
40													40
45													45
50													50
55													55
60													60
62													62
65													65
70													70
75													75
80													80
85													85
90													90
95													95
96	63.0	250.5	36,000										96
100	60.6	248.3	34,100										100
105	57.6	245.3	32,000										105
110	54.4	242.0	30,100										110
115	51.2	238.2	28,400										115
117	49.8	236.4	27,800	57.8	241.5	24,500							117
120	47.7	233.9	26,900	56.0	239.5	23,700							120
122	46.3	231.9	26,300	54.7	238.1	23,200							122
125	44.1	229.0	25,400	52.8	235.9	22,400							125
130	40.2	223.5	24,100	49.4	231.9	21,200							130
135	36.0	217.1	22,900	45.9	227.3	20,100							135
137	34.1	214.1	22,500	44.4	225.3	19,700	52.8	230.8	17,000				137
140	31.3	209.6	21,800	42.1	222.2	19,100	50.8	228.4	16,500				140
143	28.0	204.1	21,200	39.7	218.6	18,600	48.7	225.8	16,000				143
145	25.8	200.4	20,700	38.1	216.2	18,200	47.3	224.1	15,700				145
150	19.0	188.3	19,700	33.6	209.3	17,300	43.7	219.1	14,900				150
155	7.7	167.3	18,800	28.6	201.0	16,500	39.8	213.5	14,200				155
156				27.4	198.9	16,300	38.9	212.2	14,000	47.7	218.3	11,800	156
160				22.6	190.6	15,700	35.5	207.0	13,500	44.8	214.5	11,300	160
165				14.3	175.6	14,900	30.7	199.4	12,800	41.0	209.1	10,800	165
168				5.0	157.9	14,500	27.4	193.7	12,500	38.5	205.4	10,400	168
170							25.2	189.9	12,200	36.8	202.9	10,200	170
175							18.1	177.3	11,600	32.2	195.6	9,700	175
180							5.1	152.9	11,000	27.0	186.8	9,200	180
185										20.5	175.4	8,700	185
190										10.8	157.6	8,100	190
191										7.5	151.4	8,000	191

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



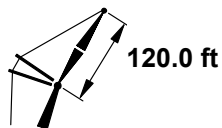
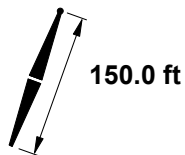
	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
42	75.8	274.3	52,700 c							42
45	74.3	273.5	52,100 c							45
50	71.8	272.0	51,000 b							50
55	69.3	270.2	50,000 b							55
60	66.7	268.2	49,000							60
65	64.1	265.9	48,000	70.8	270.1	51,400 b				65
70	61.4	263.3	47,100	68.2	268.2	50,800				70
75	58.6	260.4	46,200	65.7	266.1	50,000				75
79	56.3	257.9	45,600	63.5	264.2	49,400	67.6	266.5	50,300	79
80	55.8	257.2	45,400	63.0	263.7	49,300	67.1	266.0	50,200	80
85	52.8	253.6	44,600	60.3	261.0	48,600	64.5	263.8	46,500	85
90	49.8	249.6	43,600	57.5	258.0	46,100	61.8	261.3	43,300	90
95	46.6	245.1	41,800	54.6	254.6	43,000	59.0	258.4	40,400	95
100	43.2	240.1	39,300	51.6	250.9	40,300	56.2	255.2	37,800	100
101	42.4	239.0	38,800	51.0	250.0	39,800	55.6	254.5	37,300	101
105	39.6	234.4	37,000	48.5	246.7	37,800	53.3	251.7	35,500	105
110	35.7	227.9	34,700	45.3	242.0	35,600	50.3	247.8	33,400	110
115	31.3	220.4	32,700	41.8	236.7	33,700	47.1	243.4	31,600	115
120	26.4	211.3	30,900	38.1	230.8	31,800	43.7	238.4	29,800	120
122	24.0	206.7	30,200	36.4	228.0	31,200	42.3	236.2	29,200	122
125	20.3	199.7	29,200	34.0	223.9	30,200	40.1	232.9	28,300	125
130	11.7	182.3	28,000	29.5	215.8	28,600	36.3	226.5	26,800	130
132	5.2	168.8	25,900	27.3	211.8	28,100	34.6	223.6	26,300	132
135				24.2	205.9	27,200	32.0	219.2	25,500	135
140				17.4	192.8	25,900	27.2	210.4	24,300	140
143				10.2	177.8	25,100	23.7	203.7	23,600	143
145				5.3	167.9	24,600	21.4	199.3	23,100	145
150							13.4	183.3	22,000	150
153							3.8	163.5	21,300	153
155										155
160										160
163										163
165										165
170										170
175										175
178										178
180										180
185										185
190										190
195										195
200										200
201										201

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



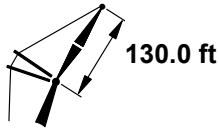
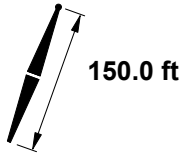
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
42													42
45													45
50													50
55													55
60													60
65													65
70													70
75													75
79													79
80													80
85													85
90													90
95													95
100													100
101	62.7	259.1	33,300										101
105	60.6	257.0	31,600										105
110	57.8	254.0	29,800										110
115	54.9	250.7	28,100										115
120	51.9	247.0	26,500										120
122	50.7	245.3	26,000	58.0	250.1	22,700							122
125	48.8	242.8	25,100	56.3	248.2	22,000							125
130	45.6	238.2	23,800	53.4	244.7	20,800							130
132	44.2	236.1	23,300	52.2	243.1	20,400							132
135	42.1	233.0	22,600	50.3	240.8	19,800							135
140	38.4	227.1	21,500	47.2	236.4	18,800							140
143	36.0	223.0	20,900	45.2	233.4	18,200	52.8	238.8	15,600				143
145	34.4	220.3	20,500	43.8	231.5	17,800	51.6	237.2	15,300				145
150	29.9	212.4	19,500	40.3	225.9	17,000	48.5	233.0	14,500				150
153	26.8	206.5	18,900	37.9	222.1	16,500	46.5	230.2	14,100				153
155	24.7	202.7	18,600	36.4	219.6	16,200	45.2	228.3	13,800				155
160	18.2	190.0	17,700	32.2	212.3	15,400	41.7	223.0	13,100				160
163	11.7	176.7	17,200	29.3	207.0	15,000	39.5	219.4	12,700	47.5	225.5	10,500	163
165	7.4	167.9	16,800	27.4	203.5	14,700	38.0	217.1	12,500	46.2	223.6	10,200	165
170				21.6	192.5	14,000	33.9	210.2	11,900	42.8	218.5	9,700	170
175				13.7	176.8	13,300	29.4	202.1	11,300	39.2	212.7	9,200	175
178				4.8	158.4	12,900	26.2	196.1	11,000	36.8	208.8	8,900	178
180							24.1	192.1	10,800	35.2	206.1	8,700	180
185							17.3	178.9	10,200	30.8	198.5	8,200	185
190							4.9	153.4	9,700	25.8	189.2	7,700	190
195										19.6	177.2	7,300	195
200										10.3	158.5	6,800	200
201										7.2	152.0	6,700	201

MLC250 S-1

ASME B30.5



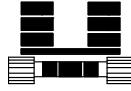
149,600 lb
+
0 lb



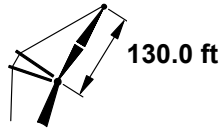
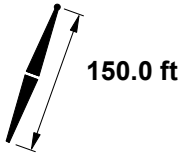
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
44	76.0	284.1	49,300 c						44	
45	75.5	283.9	49,100 c						45	
50	73.2	282.5	48,100 b						50	
55	70.9	280.9	47,200 b						55	
60	68.6	279.0	46,300						60	
65	66.2	276.9	45,500						65	
68	64.7	275.5	45,000	70.9	279.7	47,900			68	
70	63.7	274.6	44,700	70.0	278.9	47,700			70	
75	61.3	272.0	43,900	67.6	277.0	47,000			75	
80	58.7	269.1	43,200	65.2	274.8	46,400			80	
82	57.7	267.8	42,600	64.2	273.8	46,100	68.0	276.0	46,700	82
85	56.1	265.9	41,700	62.8	272.4	45,800	66.6	274.8	46,300	85
90	53.4	262.4	40,100	60.3	269.7	44,900	64.1	272.5	43,000	90
95	50.6	258.5	38,700	57.7	266.7	42,800	61.7	269.9	40,100	95
100	47.7	254.1	37,200	55.0	263.3	40,100	59.1	267.1	37,600	100
105	44.6	249.3	35,800	52.3	259.7	37,600	56.5	263.9	35,300	105
110	41.4	244.0	33,800	49.5	255.6	35,500	53.8	260.5	33,200	110
115	38.0	238.0	31,900	46.5	251.1	33,500	51.0	256.6	31,300	115
120	34.2	231.1	30,100	43.4	246.1	31,700	48.2	252.4	29,600	120
125	30.1	223.1	28,400	40.1	240.5	30,000	45.1	247.6	28,100	125
128	27.2	217.4	27,600	37.9	236.7	29,100	43.2	244.5	27,200	128
130	25.3	213.6	27,000	36.5	234.1	28,500	41.9	242.4	26,600	130
135	19.5	201.5	25,700	32.6	226.9	27,100	38.5	236.4	25,300	135
140	11.2	183.3	24,700	28.3	218.4	25,800	34.8	229.7	24,100	140
142	4.9	169.2	23,500	26.2	214.2	25,300	33.2	226.6	23,600	142
145				23.2	208.0	24,600	30.7	222.0	22,900	145
149				18.0	197.0	23,600	27.0	214.6	22,100	149
150				16.8	194.3	23,400	26.1	212.7	21,900	150
155				5.1	168.3	22,300	20.5	201.1	20,900	155
160							12.9	184.5	19,900	160
163							3.7	163.8	19,300	163
165										165
169										169
170										170
175										175
180										180
185										185
188										188
190										190
195										195
200										200
205										205

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



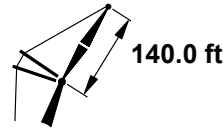
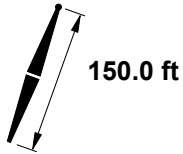
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
44													44
45													45
50													50
55													55
60													60
65													65
68													68
70													70
75													75
80													80
82													82
85													85
90													90
95													95
100													100
105	63.0	268.3	31,400										105
110	60.5	265.6	29,500										110
115	57.9	262.7	27,800										115
120	55.3	259.4	26,300										120
125	52.6	255.7	24,900										125
128	50.9	253.3	24,100	57.6	258.2	21,000							128
130	49.8	251.7	23,600	56.6	256.9	20,600							130
135	46.8	247.2	22,400	53.9	253.4	19,500							135
140	43.7	242.3	21,300	51.1	249.6	18,500							140
142	42.4	240.1	20,900	50.0	247.9	18,100							142
145	40.4	236.7	20,300	48.2	245.3	17,600							145
149	37.6	231.7	19,500	45.8	241.6	16,900	52.8	246.8	14,400				149
150	36.9	230.5	19,300	45.2	240.6	16,700	52.3	246.0	14,200				150
155	33.0	223.3	18,400	42.0	235.4	15,900	49.4	241.9	13,500				155
160	28.7	215.0	17,600	38.6	229.5	15,200	46.5	237.4	12,900				160
163	25.7	208.9	17,100	36.4	225.5	14,800	44.6	234.4	12,500				163
165	23.7	204.8	16,800	34.9	222.8	14,500	43.3	232.4	12,300				165
169	18.7	194.2	16,200	31.7	216.6	14,000	40.7	227.9	11,800	48.0	233.5	9,400	169
170	17.5	191.5	16,000	30.9	215.1	13,800	40.0	226.8	11,700	47.4	232.6	9,300	170
175	7.1	168.6	15,200	26.3	205.9	13,200	36.5	220.4	11,100	44.3	227.7	8,800	175
180				20.7	194.4	12,600	32.6	213.1	10,600	41.0	222.3	8,300	180
185				13.2	178.0	12,000	28.2	204.6	10,100	37.6	216.2	7,800	185
188				4.6	158.8	11,600	25.1	198.4	9,800	35.3	212.0	7,600	188
190							23.1	194.2	9,600	33.8	209.2	7,400	190
195							16.6	180.4	9,100	29.6	201.1	7,000	195
200							4.7	153.8	8,600	24.8	191.4	6,500	200
205										18.8	178.9	6,100	205

MLC250 S-1

ASME B30.5



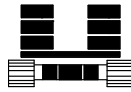
149,600 lb
+
0 lb



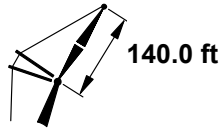
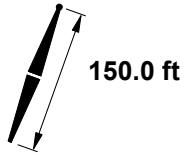
	88°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
47	75.7	293.7	45,700 b						47	
50	74.5	292.9	45,200 b						50	
55	72.3	291.4	44,400						55	
60	70.2	289.7	43,600						60	
65	68.0	287.8	42,800						65	
70	65.7	285.7	42,100						70	
72	64.8	284.7	41,700	70.6	288.9	44,300			72	
75	63.5	283.3	41,200	69.3	287.8	43,900			75	
80	61.2	280.7	39,600	67.1	285.8	43,400			80	
85	58.8	277.8	38,000	64.9	283.5	42,600			85	
86	58.3	277.1	37,800	64.4	283.0	42,300	67.9	285.2	43,100	86
90	56.4	274.6	36,600	62.6	281.1	41,000	66.1	283.5	42,700	90
95	53.9	271.1	35,100	60.2	278.3	39,600	63.8	281.2	39,800	95
100	51.3	267.3	33,800	57.9	275.3	38,000	61.5	278.6	37,200	100
105	48.6	263.1	32,500	55.4	272.0	36,500	59.2	275.7	35,000	105
110	45.9	258.5	31,100	52.9	268.4	35,100	56.8	272.6	32,900	110
115	42.9	253.4	29,900	50.3	264.5	33,200	54.3	269.2	31,000	115
120	39.8	247.7	28,700	47.6	260.1	31,400	51.7	265.4	29,300	120
125	36.5	241.3	27,600	44.7	255.3	29,700	49.1	261.3	27,800	125
130	32.9	234.1	26,300	41.7	250.0	28,200	46.3	256.7	26,300	130
133	30.5	229.1	25,500	39.8	246.4	27,400	44.6	253.7	25,500	133
135	28.9	225.8	25,000	38.6	244.0	26,800	43.4	251.7	25,000	135
140	24.4	215.8	23,800	35.1	237.4	25,500	40.3	246.1	23,800	140
145	18.8	203.2	22,700	31.4	229.8	24,300	37.1	239.9	22,700	145
150	10.8	184.3	21,900	27.2	220.9	23,200	33.5	232.8	21,600	150
152	4.8	169.6	21,200	25.3	216.5	22,800	31.9	229.5	21,200	152
155				22.4	210.0	22,200	29.6	224.7	20,600	155
160				16.1	195.7	21,200	25.1	215.0	19,700	160
165				4.9	168.8	20,200	19.8	202.9	18,800	165
170							12.4	185.6	18,000	170
173							3.5	164.1	17,400	173
175										175
176										176
180										180
185										185
190										190
195										195
198										198
200										200
205										205
210										210

MLC250 S-1

ASME B30.5



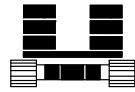
149,600 lb
+
0 lb



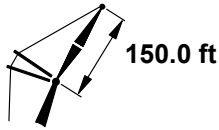
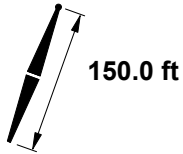
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
47													47
50													50
55													55
60													60
65													65
70													70
72													72
75													75
80													80
85													85
86													86
90													90
95													95
100													100
105													105
110													110
115	62.8	277.0	29,100										115
120	60.5	274.3	27,400										120
125	58.1	271.3	25,900										125
130	55.7	268.1	24,500										130
133	53.1	264.5	23,200										133
135	51.6	262.1	22,500	57.8	266.9	19,500							135
140	50.5	260.6	22,000	56.8	265.6	19,100							140
145	47.8	256.2	20,900	54.4	262.1	18,100							145
150	45.0	251.5	19,900	51.8	258.4	17,200							150
152	42.0	246.2	19,000	49.1	254.3	16,400							152
155	40.8	243.9	18,600	48.0	252.4	16,000							155
160	38.9	240.3	18,100	46.4	249.7	15,600	52.8	254.8	13,100				160
165	35.5	233.8	17,300	43.5	244.7	14,800	50.2	250.8	12,500				165
170	31.8	226.2	16,500	40.4	239.1	14,100	47.5	246.4	11,900				170
173	27.7	217.5	15,700	37.2	232.9	13,500	44.7	241.6	11,300				173
175	24.8	211.1	15,300	35.0	228.7	13,100	42.9	238.4	11,000				175
176	22.9	206.9	15,000	33.6	225.9	12,900	41.7	236.3	10,700				176
180	21.7	204.1	14,900	32.8	224.3	12,700	41.0	235.1	10,600	47.8	240.7	8,100	180
185	16.8	193.0	14,400	29.7	217.8	12,300	38.5	230.3	10,200	45.5	236.9	7,700	185
190	6.8	169.2	13,700	25.3	208.2	11,700	35.1	223.6	9,700	42.6	231.7	7,300	190
195				20.0	196.2	11,200	31.3	216.0	9,300	39.5	226.0	6,800	195
198				12.7	179.1	10,600	27.2	207.1	8,800	36.2	219.5	6,400	198
200				4.4	159.2	10,300	24.2	200.6	8,500	34.0	215.1	6,200	200
205							22.3	196.2	8,300	32.5	212.2	6,000	205
210							16.0	181.8	7,900				210
210							4.5	154.2	7,400				210

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



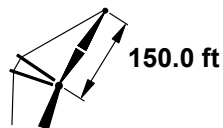
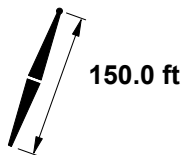
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
49	75.9	303.5	42,600 b							49
50	75.5	303.2	42,400 b							50
55	73.5	301.9	41,600							55
60	71.5	300.3	40,900							60
65	69.5	298.5	40,200							65
70	67.5	296.6	39,500							70
75	65.4	294.4	37,900	70.7	298.4	40,900				75
80	63.3	292.0	36,500	68.7	296.5	40,400				80
85	61.1	289.3	35,000	66.6	294.5	39,200				85
90	58.9	286.4	33,600	64.5	292.2	37,800	67.8	294.4	39,500	90
95	56.6	283.3	32,200	62.4	289.7	36,300	65.7	292.2	38,300	95
100	54.3	279.8	30,800	60.2	287.0	34,900	63.6	289.9	37,000	100
105	51.9	276.1	29,600	58.0	284.0	33,500	61.4	287.3	34,800	105
110	49.5	272.0	28,300	55.7	280.7	32,100	59.2	284.4	32,800	110
115	46.9	267.5	27,100	53.4	277.2	30,800	57.0	281.3	30,900	115
120	44.2	262.6	26,000	51.0	273.3	29,500	54.7	277.9	29,200	120
125	41.4	257.2	24,800	48.5	269.1	28,300	52.3	274.2	27,700	125
130	38.4	251.2	23,800	45.9	264.4	27,000	49.8	270.2	26,300	130
135	35.2	244.6	22,800	43.1	259.3	25,900	47.3	265.7	24,900	135
138	33.2	240.0	22,300	41.4	256.0	25,300	45.7	262.8	24,200	138
140	31.8	237.0	21,900	40.3	253.7	24,800	44.6	260.9	23,700	140
145	27.9	228.3	21,000	37.2	247.5	23,700	41.9	255.6	22,600	145
150	23.5	217.9	20,200	33.9	240.5	22,800	38.9	249.7	21,600	150
155	18.2	204.8	19,500	30.3	232.5	21,800	35.8	243.2	20,600	155
160	10.4	185.2	19,000	26.3	223.2	21,000	32.3	235.8	19,700	160
161	7.5	177.6	18,900	25.3	221.0	20,800	31.6	234.0	19,500	161
162	4.6	170.1	18,900	24.4	218.7	20,700	30.8	232.3	19,300	162
165				21.6	212.0	20,200	28.6	227.2	18,800	165
170				15.6	197.1	19,400	24.3	217.2	18,000	170
175				4.7	169.2	18,500	19.1	204.6	17,200	175
180							12.0	186.6	16,500	180
183							3.4	164.4	16,000	183
185										185
190										190
195										195
200										200
205										205
208										208
210										210
215										215
220										220

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



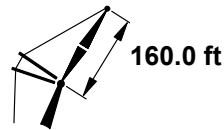
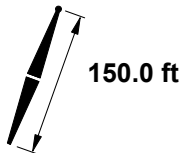
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
49										49
50										50
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115	62.6	285.7	27,300							115
120	60.4	283.0	25,800							120
125	58.2	280.0	24,400							125
130	55.9	276.8	23,100							130
135	53.6	273.2	21,900							135
138	52.2	270.9	21,300	58.0	275.5	18,400				138
140	51.2	269.4	20,900	57.1	274.2	18,000				140
145	48.7	265.2	19,800	54.7	270.9	17,100				145
150	46.1	260.6	18,900	52.4	267.2	16,300				150
155	43.4	255.5	18,000	49.9	263.1	15,500				155
160	40.5	250.0	17,200	47.4	258.7	14,800				160
161	39.9	248.7	17,000	46.8	257.8	14,600	52.9	262.8	12,300	161
162	39.3	247.5	16,900	46.3	256.8	14,500	52.4	262.0	12,100	162
165	37.5	243.8	16,400	44.7	253.9	14,100	50.9	259.6	11,800	165
170	34.2	236.9	15,700	41.9	248.6	13,400	48.4	255.4	11,200	170
175	30.7	229.0	15,000	39.0	242.8	12,800	45.8	250.7	10,700	175
180	26.7	219.9	14,300	35.9	236.2	12,200	43.1	245.6	10,100	180
183	23.9	213.3	14,000	33.8	231.8	11,900	41.4	242.2	9,900	183
185	22.1	208.9	13,700	32.5	228.9	11,700	40.2	240.0	9,700	185
190	16.3	194.5	13,100	28.7	220.4	11,100	37.1	233.8	9,200	190
195	6.6	169.8	12,500	24.4	210.4	10,600	33.9	226.7	8,700	195
200				19.3	197.9	10,200	30.3	218.8	8,200	200
205				12.3	180.2	9,700	26.2	209.5	7,800	205
208				4.3	159.6	9,400	23.4	202.7	7,500	208
210							21.5	198.1	7,400	210
215							15.5	183.2	7,000	215
220							4.4	154.6	6,500	220

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



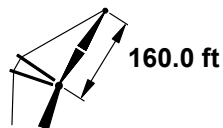
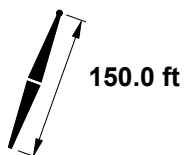
	88°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
52	75.7	313.1	39,300						52	
55	74.6	312.3	38,800						55	
60	72.7	310.8	38,200						60	
65	70.8	309.2	37,500						65	
70	68.9	307.3	36,100						70	
75	67.0	305.3	34,700						75	
78	65.8	304.0	33,800	70.9	307.9	37,600			78	
80	65.0	303.1	33,200	70.1	307.2	37,000			80	
85	63.1	300.6	31,800	68.2	305.3	35,700			85	
90	61.0	298.0	30,400	66.2	303.2	34,300			90	
94	59.4	295.7	29,300	64.7	301.4	33,200	67.7	303.5	35,000	94
95	59.0	295.1	29,100	64.3	300.9	32,900	67.3	303.1	34,700	95
100	56.8	292.0	27,800	62.3	298.4	31,500	65.4	300.9	33,500	100
105	54.7	288.6	26,500	60.2	295.7	30,300	63.4	298.5	32,200	105
110	52.5	284.9	25,300	58.1	292.7	28,900	61.3	295.9	30,900	110
115	50.2	280.9	24,100	56.0	289.4	27,600	59.3	293.1	29,600	115
119	48.3	277.4	23,200	54.2	286.6	26,600	57.6	290.6	28,600	119
120	47.8	276.5	23,000	53.8	285.9	26,400	57.2	290.0	28,300	120
125	45.3	271.8	21,900	51.6	282.1	25,200	55.0	286.6	27,100	125
130	42.7	266.6	20,900	49.2	278.0	24,000	52.8	283.0	25,900	130
135	40.0	260.9	19,900	46.8	273.5	22,900	50.5	279.0	24,600	135
140	37.2	254.7	19,000	44.3	268.6	21,800	48.2	274.7	23,400	140
144	34.7	249.1	18,300	42.2	264.3	21,000	46.2	271.0	22,500	144
145	34.1	247.7	18,100	41.7	263.2	20,700	45.7	270.0	22,300	145
150	30.7	239.8	17,200	38.9	257.3	19,800	43.2	264.9	21,300	150
155	27.0	230.7	16,500	36.0	250.8	18,900	40.5	259.3	20,300	155
160	22.8	220.0	15,700	32.8	243.5	18,000	37.6	253.2	19,400	160
165	17.6	206.4	14,900	29.3	235.2	17,100	34.6	246.3	18,500	165
167	14.6	198.3	14,500	27.8	231.3	16,800	33.3	243.2	18,200	167
170	10.1	186.1	14,000	25.4	225.5	16,300	31.3	238.6	17,700	170
172	4.5	170.4	13,700	23.6	220.8	16,000	29.8	235.1	17,300	172
175				20.9	213.8	15,600	27.6	229.8	16,800	175
180				15.1	198.4	14,600	23.5	219.3	16,100	180
185				4.6	169.6	13,800	18.5	206.3	15,200	185
190							11.6	187.7	14,200	190
193							3.3	164.7	13,800	193
195										195
200										200
205										205
210										210
215										215
218										218
220										220

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



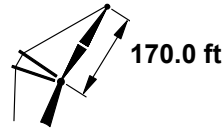
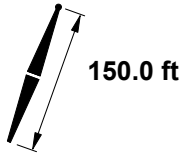
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
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55										55
60										60
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70										70
75										75
78										78
80										80
85										85
90										90
94										94
95										95
100										100
105										105
110										110
115										115
119	62.9	294.9	25,700							119
120	62.5	294.4	25,400							120
125	60.4	291.6	24,100							125
130	58.3	288.7	22,800							130
135	56.2	285.5	21,600							135
140	54.0	282.0	20,500							140
144	52.2	278.9	19,700	57.7	283.6	16,900				144
145	51.8	278.2	19,500	57.2	282.9	16,700				145
150	49.5	274.1	18,600	55.1	279.6	15,900				150
155	47.1	269.6	17,700	52.9	275.9	15,100				155
160	44.6	264.8	16,900	50.6	272.0	14,400				160
165	42.0	259.4	16,100	48.2	267.7	13,700				165
167	40.8	257.1	15,800	47.3	265.8	13,400	52.9	270.8	11,100	167
170	39.2	253.6	15,400	45.8	263.0	13,100	51.5	268.4	10,800	170
172	38.0	251.0	15,100	44.8	261.0	12,800	50.6	266.8	10,500	172
175	36.3	247.1	14,700	43.2	258.0	12,500	49.2	264.3	10,200	175
180	33.1	239.9	14,000	40.6	252.4	11,900	46.8	259.8	9,600	180
185	29.7	231.7	13,400	37.7	246.2	11,300	44.3	254.9	9,100	185
190	25.8	222.2	12,900	34.7	239.4	10,800	41.6	249.5	8,600	190
193	23.2	215.4	12,500	32.7	234.8	10,500	40.0	246.0	8,400	193
195	21.4	210.8	12,300	31.4	231.7	10,300	38.9	243.6	8,200	195
200	15.7	195.9	11,800	27.8	222.9	9,900	35.9	237.1	7,700	200
205	6.4	170.3	11,200	23.6	212.5	9,400	32.8	229.7	7,300	205
210				18.7	199.6	9,000	29.3	221.4	6,900	210
215				11.9	181.3	8,500	25.4	211.7	6,500	215
218				4.1	159.9	8,300	22.6	204.7	6,300	218
220							20.8	200.0	6,100	220

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ASME B30.5



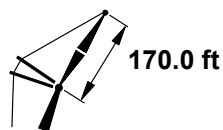
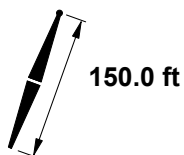
149,600 lb
+
0 lb



	88°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
54	75.9	322.9	36,400						54	
55	75.5	322.6	36,200						55	
60	73.8	321.2	35,600						60	
65	72.0	319.7	34,600						65	
70	70.2	318.0	33,300						70	
75	68.4	316.1	31,900						75	
80	66.6	314.0	30,500						80	
81	66.2	313.6	30,200	71.0	317.5	33,800			81	
85	64.8	311.8	29,200	69.5	316.0	32,800			85	
90	62.9	309.3	27,800	67.7	314.1	31,500			90	
95	61.0	306.6	26,600	65.9	311.9	30,100			95	
97	60.2	305.5	26,100	65.1	311.0	29,600	68.0	313.1	31,300	97
100	59.0	303.8	25,300	64.0	309.6	28,900	66.9	311.9	30,600	100
105	57.0	300.6	24,100	62.1	307.1	27,600	65.0	309.6	29,400	105
110	55.0	297.3	22,900	60.2	304.3	26,400	63.2	307.2	28,200	110
115	52.9	293.6	21,800	58.2	301.3	25,100	61.3	304.6	27,000	115
120	50.8	289.7	20,700	56.2	298.1	23,900	59.3	301.7	25,800	120
124	49.0	286.3	19,900	54.6	295.3	23,000	57.7	299.3	24,800	124
125	48.6	285.5	19,700	54.2	294.6	22,800	57.3	298.6	24,600	125
130	46.3	280.9	18,700	52.1	290.9	21,700	55.3	295.3	23,500	130
135	43.9	275.9	17,800	49.9	286.8	20,600	53.2	291.7	22,300	135
140	41.4	270.4	16,900	47.7	282.5	19,600	51.1	287.8	21,200	140
145	38.8	264.5	16,000	45.3	277.7	18,500	48.9	283.6	20,200	145
149	36.6	259.3	15,300	43.4	273.6	17,800	47.1	280.0	19,300	149
150	36.0	258.0	15,100	42.9	272.6	17,600	46.6	279.1	19,100	150
155	33.0	250.7	14,300	40.4	266.9	16,700	44.3	274.2	18,200	155
160	29.8	242.5	13,400	37.7	260.8	15,800	41.8	268.8	17,200	160
165	26.2	233.1	12,500	34.9	254.0	15,000	39.2	263.0	16,400	165
170	22.1	222.0	11,600	31.8	246.4	14,100	36.5	256.5	15,600	170
173	19.1	213.5	11,100	29.8	241.2	13,600	34.7	252.2	15,000	173
175	17.1	207.9	10,800	28.4	237.8	13,200	33.5	249.4	14,700	175
180	9.8	187.0	10,000	24.7	227.7	12,200	30.3	241.4	13,800	180
182	4.3	170.8	9,800	22.9	222.9	11,900	28.9	237.7	13,300	182
185				20.3	215.7	11,400	26.8	232.2	12,700	185
190				14.6	199.7	10,500	22.8	221.3	11,900	190
195				4.5	170.0	9,800	17.9	207.9	11,100	195
200							11.2	188.7	10,200	200
203							3.2	165.0	9,900	203
205										205
210										210
215										215
220										220
225										225
228										228

MLC250 S-1

ASME B30.5



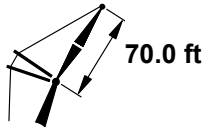
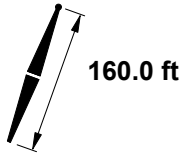
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
54										54
55										55
60										60
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70										70
75										75
80										80
81										81
85										85
90										90
95										95
97										97
100										100
105										105
110										110
115										115
120										120
124	62.7	303.5	24,100							124
125	62.3	303.0	23,800							125
130	60.4	300.3	22,500							130
135	58.4	297.3	21,300							135
140	56.4	294.1	20,300							140
145	54.4	290.7	19,200							145
149	52.7	287.7	18,500	57.8	292.2	15,800				149
150	52.3	287.0	18,300	57.4	291.6	15,600				150
155	50.1	282.9	17,400	55.4	288.3	14,900				155
160	47.9	278.6	16,600	53.3	284.7	14,100				160
165	45.6	273.9	15,900	51.2	280.8	13,400				165
170	43.2	268.8	15,100	49.0	276.6	12,800				170
173	41.6	265.4	14,700	47.6	273.9	12,400	52.9	278.8	10,000	173
175	40.6	263.2	14,500	46.7	272.1	12,200	52.0	277.2	9,800	175
180	38.0	257.1	13,800	44.3	267.2	11,600	49.9	273.2	9,300	180
182	36.8	254.4	13,600	43.4	265.0	11,400	49.0	271.4	9,100	182
185	35.2	250.4	13,200	41.9	261.8	11,100	47.6	268.8	8,800	185
190	32.1	242.8	12,600	39.3	256.0	10,600	45.3	264.0	8,300	190
195	28.8	234.3	12,100	36.5	249.6	10,100	42.9	258.9	7,800	195
200	25.1	224.5	11,600	33.6	242.5	9,600	40.3	253.2	7,400	200
203	22.5	217.4	11,300	31.7	237.7	9,400	38.7	249.5	7,100	203
205	20.7	212.6	11,100	30.4	234.5	9,200	37.7	247.1	7,000	205
210	15.3	197.2	10,600	26.9	225.3	8,800	34.8	240.2	6,600	210
215	6.2	170.9	10,100	22.9	214.6	8,400	31.7	232.6	6,200	215
220				18.1	201.2	8,000				220
225				11.5	182.3	7,600				225
228				4.0	160.3	7,300				228

MLC250 S-1

ASME B30.5



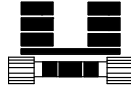
149,600 lb
+
0 lb



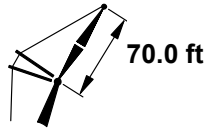
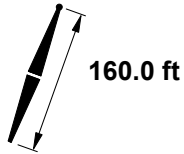
	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
35	71.5	234.4	94,800 d							35
40	67.2	232.5	94,400 c							40
45	62.6	230.2	94,000 c							45
50	57.9	227.3	93,600 b	70.6	232.7	97,700 d				50
55	53.0	223.9	91,100 b	66.2	230.8	86,900 c				55
60	47.6	219.7	83,600 b	61.6	228.3	77,700 c				60
62	45.3	217.7	80,800 b	59.7	227.1	74,700 c	67.3	229.9	70,100 c	62
65	41.8	214.7	76,700	56.9	225.3	70,200 b	64.6	228.6	66,000 c	65
70	35.3	208.4	70,200	51.8	221.7	63,900 b	60.0	226.0	60,100 b	70
75	27.4	200.2	64,300	46.4	217.4	58,600	55.2	222.8	55,100 b	75
80	16.4	187.7	54,600	40.5	212.1	54,000	50.0	219.0	50,800 b	80
81	12.6	183.2	51,100	39.1	210.8	53,200	48.9	218.1	50,100 b	81
82	8.9	178.8	47,600	37.7	209.5	52,400	47.8	217.1	49,300 b	82
85				33.7	205.5	50,000	44.4	214.4	47,100	85
90				25.3	196.7	46,500	38.2	208.7	43,800	90
95				12.8	182.2	43,300	31.0	201.4	40,800	95
96				8.3	176.8	42,700	29.2	199.4	40,300	96
99							23.6	193.4	38,700	99
100							21.8	191.3	38,200	100
104							9.7	177.2	36,200	104
105										105
110										110
115										115
117										117
118										118
120										120
125										125
130										130
131										131
134										134
135										135
140										140
144										144
145										145
150										150
155										155
156										156

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



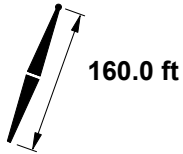
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
35													35
40													40
45													45
50													50
55													55
60													60
62													62
65													65
70													70
75													75
80													80
81	62.4	224.2	44,800 c										81
82	61.5	223.6	44,100 c										82
85	58.7	221.9	42,100 b										85
90	53.7	218.6	39,200 b										90
95	48.5	214.6	36,500 b										95
96	47.3	213.6	36,100 b										96
99	43.9	210.6	34,700 b	57.9	217.1	30,600 b							99
100	42.7	209.7	34,200	57.0	216.5	30,200 b							100
104	37.6	204.8	32,500	52.9	213.6	28,700 b							104
105	36.3	203.6	32,100	51.9	212.9	28,300 b							105
110	28.7	195.7	30,200	46.5	208.6	26,600							110
115	18.4	184.3	28,400	40.6	203.3	25,100							115
117	11.1	175.5	27,700	37.9	200.7	24,500	52.8	208.0	21,200 b				117
118	7.4	171.2	27,300	36.5	199.3	24,200	51.7	207.2	21,000 b				118
120				33.8	196.7	23,700	49.6	205.6	20,500 b				120
125				25.5	187.9	22,300	44.0	200.9	19,400				125
130				13.2	173.7	21,100	37.8	195.1	18,300				130
131				8.9	168.6	20,800	36.3	193.6	18,100				131
134							31.9	189.2	17,500	47.8	197.5	14,800	134
135							30.5	187.7	17,300	46.7	196.5	14,700	135
140							21.0	177.4	16,400	40.7	191.3	13,900	140
144							7.9	161.8	15,600	35.3	186.1	13,300	144
145										34.0	184.7	13,100	145
150										25.8	176.0	12,400	150
155										13.6	162.0	11,700	155
156										9.4	157.1	11,500	156

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



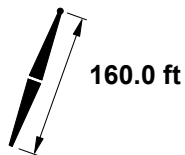
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
33	75.4	245.4	87,100 d							33
35	73.9	244.9	87,000 d							35
40	70.2	243.3	86,600 c							40
45	66.3	241.3	86,100 c							45
50	62.3	238.9	85,700 b							50
53	59.8	237.1	83,800 b	70.8	242.3	88,500 c				53
55	58.2	236.0	82,500 b	69.3	241.6	86,500 c				55
60	53.9	232.6	79,400 b	65.4	239.5	77,400 c				60
65	49.3	228.7	73,700	61.4	237.0	69,900 b	68.0	239.5	65,700 c	65
70	44.4	224.0	68,000	57.3	234.0	63,600 b	64.1	237.3	59,800 b	70
75	39.0	218.4	62,700	52.9	230.5	58,300	60.0	234.6	54,800 b	75
80	32.9	211.5	58,000	48.3	226.4	53,800	55.8	231.5	50,500 b	80
85	25.6	202.5	53,900	43.3	221.5	49,800	51.3	227.8	46,800	85
90	15.3	189.1	47,300	37.7	215.7	46,400	46.6	223.5	43,500	90
92	8.3	179.5	41,500	35.2	212.8	45,100	44.5	221.4	42,300	92
95				31.4	208.4	43,300	41.4	218.3	40,600	95
100				23.7	198.8	40,500	35.7	212.0	38,000	100
105				12.0	183.3	37,900	29.0	204.1	35,700	105
106				7.8	177.5	37,400	27.2	201.9	35,300	106
110							20.4	193.2	33,600	110
114							9.1	178.0	31,900	114
115										115
120										120
123										123
125										125
128										128
130										130
135										135
140										140
141										141
145										145
150										150
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155										155
160										160
165										165
166										166

MLC250 S-1

ASME B30.5



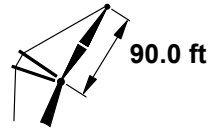
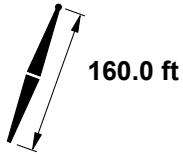
149,600 lb
+
0 lb



	75°			70°			65°			60°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
33													33
35													35
40													40
45													45
50													50
53													53
55													55
60													60
65													65
70													70
75													75
80													80
85	62.9	233.4	41,700 b										85
90	58.8	230.6	38,800 b										90
92	57.1	229.3	37,700 b										92
95	54.5	227.3	36,200										95
100	50.0	223.4	33,900										100
105	45.2	218.9	31,800	57.4	225.1	27,900 b							105
106	44.1	217.8	31,400	56.5	224.4	27,600 b							106
110	39.9	213.4	29,900	53.0	221.6	26,200							110
114	35.1	208.1	28,500	49.3	218.4	25,000							114
115	33.9	206.8	28,200	48.4	217.5	24,700							115
120	26.8	198.2	26,600	43.4	212.7	23,300							120
123	21.0	190.8	25,700	40.1	209.2	22,600	52.8	216.0	19,400				123
125	17.2	185.8	25,100	37.9	206.9	22,000	51.0	214.4	19,000				125
128	6.9	171.8	24,200	34.1	202.5	21,300	48.1	211.8	18,300				128
130				31.6	199.6	20,900	46.2	210.0	17,900				130
135				23.9	190.1	19,800	41.0	204.8	17,000				135
140				12.3	174.8	18,700	35.2	198.4	16,100				140
141				8.3	169.3	18,400	33.9	196.8	15,900	47.5	204.6	13,300	141
145							28.5	190.4	15,200	43.5	200.7	12,700	145
150							19.7	179.1	14,400	38.0	194.9	12,100	150
154							7.4	162.5	13,700	33.0	189.1	11,600	154
155										31.7	187.7	11,400	155
160										24.1	178.2	10,800	160
165										12.7	163.2	10,100	165
166										8.8	157.9	10,000	166

MLC250 S-1

ASME B30.5



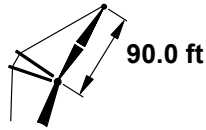
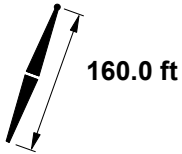
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
35	75.7	255.2	79,700 d						35	
40	72.4	253.8	79,300 c						40	
45	69.1	252.1	78,800 c						45	
50	65.6	250.0	77,300 b						50	
55	62.1	247.5	74,200 b						55	
56	61.3	246.9	73,600 b	71.0	251.8	81,100 c			56	
60	58.4	244.7	71,400 b	68.3	250.3	77,200 b			60	
65	54.6	241.3	68,800	64.8	248.2	69,700 b			65	
69	51.4	238.3	65,900	62.0	246.1	64,700 b	67.8	248.7	60,600 b	69
70	50.6	237.5	65,200	61.3	245.6	63,500 b	67.1	248.3	59,500 b	70
75	46.3	233.1	60,400	57.6	242.7	58,200	63.6	246.0	54,600 b	75
80	41.7	227.9	56,000	53.7	239.3	53,600	60.0	243.3	50,300	80
85	36.7	221.8	52,000	49.7	235.3	49,700	56.3	240.2	46,600	85
90	31.0	214.3	48,300	45.3	230.7	46,200	52.3	236.6	43,300	90
95	24.1	204.7	45,100	40.7	225.4	43,200	48.2	232.4	40,500	95
100	14.4	190.4	42,000	35.5	219.0	40,400	43.8	227.6	37,900	100
102	7.8	180.2	37,100	33.1	215.8	39,500	41.8	225.3	37,000	102
105				29.6	211.2	38,000	38.9	221.9	35,600	105
110				22.3	200.9	35,800	33.6	215.1	33,500	110
115				11.3	184.3	33,700	27.3	206.6	31,600	115
116				7.3	178.2	33,300	25.7	204.3	31,300	116
120							19.2	194.9	29,800	120
124							8.6	178.7	28,500	124
125										125
129										129
130										130
135										135
138										138
140										140
145										145
148										148
150										150
151										151
155										155
160										160
164										164
165										165
170										170
175										175
176										176

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



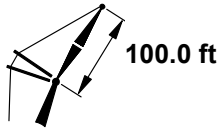
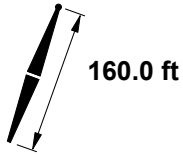
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
35													35
40													40
45													45
50													50
55													55
56													56
60													60
65													65
69													69
70													70
75													75
80													80
85													85
90	62.6	242.1	38,500 b										90
95	59.0	239.3	35,900										95
100	55.2	236.0	33,600										100
102	53.6	234.5	32,800										102
105	51.2	232.3	31,600										105
110	47.0	227.9	29,700	57.7	233.8	26,000							110
115	42.4	222.9	28,000	53.8	230.4	24,500							115
116	41.5	221.7	27,700	53.0	229.6	24,200							116
120	37.5	216.9	26,500	49.7	226.4	23,100							120
124	33.0	211.1	25,300	46.3	222.8	22,100							124
125	31.9	209.7	25,100	45.4	221.9	21,900							125
129	26.6	202.3	24,000	41.7	217.6	20,900	52.9	224.0	17,900				129
130	25.2	200.5	23,700	40.8	216.5	20,700	52.1	223.2	17,700				130
135	16.2	187.3	22,500	35.6	210.2	19,600	47.9	219.0	16,800				135
138	6.5	172.4	21,700	32.1	205.5	19,000	45.2	216.1	16,200				138
140				29.7	202.4	18,600	43.5	214.1	15,900				140
145				22.5	192.2	17,700	38.6	208.4	15,100				145
148				16.0	182.4	17,100	35.3	204.2	14,600	47.3	211.8	12,100	148
150				11.6	175.9	16,700	33.2	201.5	14,300	45.5	209.8	11,900	150
151				7.8	170.0	16,500	31.9	199.7	14,200	44.6	208.8	11,700	151
155							26.8	192.8	13,600	40.9	204.5	11,200	155
160							18.5	180.8	12,900	35.7	198.2	10,600	160
164							6.9	163.1	12,300	31.0	192.0	10,100	164
165										29.9	190.4	10,000	165
170										22.7	180.3	9,400	170
175										11.9	164.3	8,800	175
176										8.3	158.7	8,700	176

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



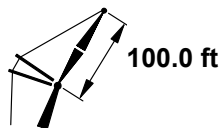
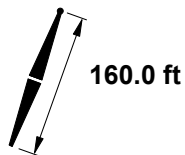
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
37	76.0	265.0	73,400 d							37
40	74.2	264.3	73,100 c							40
45	71.2	262.7	72,600 c							45
50	68.2	260.8	72,100 b							50
55	65.1	258.7	69,200 b							55
60	61.9	256.2	66,400 b	70.6	261.0	74,300 b				60
65	58.6	253.3	63,800	67.5	259.1	69,400 b				65
70	55.1	250.1	61,400	64.4	256.9	63,100 b				70
73	53.0	247.8	59,300	62.4	255.3	60,000 b	67.7	257.9	56,100 b	73
75	51.6	246.3	57,900	61.1	254.3	57,900	66.4	257.0	54,200 b	75
80	47.8	242.1	54,000	57.8	251.4	53,300	63.3	254.7	49,900	80
85	43.8	237.2	50,300	54.4	248.0	49,400	60.0	252.0	46,200	85
90	39.5	231.6	46,800	50.8	244.2	46,000	56.6	248.9	43,000	90
94	35.7	226.3	44,300	47.7	240.7	43,500	53.8	246.1	40,700	94
95	34.8	225.0	43,700	47.0	239.8	42,900	53.1	245.4	40,100	95
100	29.4	217.0	40,800	42.9	234.8	40,200	49.5	241.4	37,600	100
105	22.8	206.8	38,300	38.5	229.0	37,800	45.6	236.8	35,300	105
110	13.7	191.6	36,300	33.6	222.1	35,600	41.4	231.5	33,200	110
112	7.4	180.9	33,100	31.4	218.7	34,800	39.6	229.0	32,500	112
115				28.0	213.7	33,600	36.9	225.4	31,400	115
120				21.1	202.8	31,700	31.8	218.0	29,600	120
125				10.7	185.3	30,000	25.8	209.0	28,100	125
126				6.9	178.8	29,600	24.3	206.5	27,800	126
130							18.2	196.6	26,600	130
134							8.1	179.5	25,400	134
135										135
140										140
145										145
148										148
150										150
154										154
155										155
160										160
161										161
165										165
170										170
174										174
175										175
180										180
185										185
186										186

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



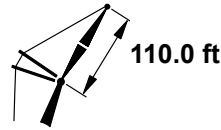
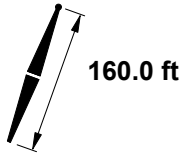
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
37													37
40													40
45													45
50													50
55													55
60													60
65													65
70													70
73													73
75													75
80													80
85													85
90													90
94	63.0	251.2	36,000										94
95	62.3	250.7	35,500										95
100	59.1	247.9	33,300										100
105	55.7	244.7	31,200										105
110	52.1	241.1	29,400										110
112	50.6	239.4	28,700										112
115	48.4	236.9	27,700	57.9	242.5	24,100							115
120	44.4	232.2	26,200	54.4	239.1	22,700							120
125	40.2	226.7	24,800	50.8	235.3	21,500							125
126	39.2	225.4	24,500	50.1	234.4	21,200							126
130	35.5	220.2	23,500	47.0	230.9	20,300							130
134	31.3	214.0	22,500	43.8	226.9	19,500							134
135	30.2	212.5	22,300	43.0	225.9	19,300	52.9	232.0	16,300				135
140	23.9	202.7	21,100	38.6	220.1	18,300	49.2	227.9	15,500				140
145	15.4	188.7	20,100	33.7	213.3	17,400	45.3	223.3	14,700				145
148	6.2	172.9	19,400	30.4	208.3	16,900	42.8	220.1	14,200				148
150				28.2	205.0	16,500	41.1	218.0	13,900				150
154				22.7	196.3	15,900	37.5	213.0	13,400	47.9	219.8	10,700	154
155				21.3	194.1	15,700	36.5	211.8	13,200	47.1	218.9	10,600	155
160				11.0	176.9	14,900	31.4	204.4	12,600	43.1	213.9	10,000	160
161				7.4	170.7	14,700	30.2	202.5	12,400	42.2	212.8	9,900	161
165							25.4	195.1	11,900	38.7	208.1	9,400	165
170							17.6	182.4	11,300	33.9	201.3	8,900	170
174							6.6	163.7	10,800	29.4	194.7	8,500	174
175										28.3	193.0	8,400	175
180										21.5	182.3	7,800	180
185										11.3	165.3	7,300	185
186										7.9	159.4	7,200	186

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



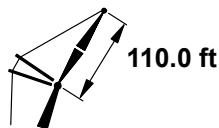
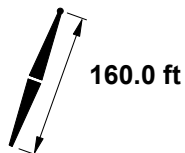
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
40	75.7	274.6	55,600 c							40
45	73.0	273.2	54,300 c							45
50	70.3	271.5	53,100 b							50
55	67.5	269.6	51,900 b							55
60	64.6	267.4	50,800 b							60
63	62.9	265.9	50,200 b	70.8	270.6	54,400 b				63
65	61.7	264.9	49,800	69.6	269.8	54,000 b				65
70	58.7	262.0	48,800	66.8	267.9	53,200				70
75	55.6	258.8	47,800	64.0	265.6	52,400				75
77	54.3	257.3	47,500	62.8	264.5	52,000	67.6	267.0	52,300 b	77
80	52.4	255.1	46,900	61.0	263.0	51,600	65.9	265.7	49,900	80
85	49.0	251.0	46,000	58.0	260.0	49,300	63.0	263.3	46,200	85
90	45.5	246.4	45,000	54.9	256.7	45,900	60.0	260.6	42,900	90
95	41.7	241.1	42,200	51.6	253.0	42,900	56.9	257.6	40,100	95
99	38.4	236.3	40,000	48.9	249.6	40,700	54.4	254.8	38,100	99
100	37.6	235.1	39,500	48.2	248.8	40,200	53.8	254.1	37,600	100
105	33.1	228.1	37,100	44.6	244.0	37,800	50.5	250.2	35,300	105
110	28.0	219.6	34,900	40.8	238.6	35,600	47.0	245.8	33,200	110
115	21.8	208.8	33,100	36.6	232.4	33,600	43.3	240.9	31,400	115
120	13.0	192.8	31,600	32.0	225.0	31,800	39.4	235.2	29,700	120
121	10.0	187.2	30,700	31.0	223.3	31,400	38.5	233.9	29,300	121
122	7.1	181.5	29,800	29.9	221.5	31,100	37.7	232.6	29,000	122
125				26.7	216.2	30,100	35.1	228.6	28,100	125
130				20.2	204.6	28,600	30.3	220.8	26,700	130
135				10.2	186.2	27,100	24.6	211.2	25,300	135
136				6.6	179.4	26,800	23.2	208.6	25,100	136
140							17.3	198.2	24,100	140
141							14.9	193.7	23,800	141
144							7.7	180.2	23,100	144
145										145
150										150
155										155
158										158
160										160
161										161
165										165
170										170
171										171
175										175
180										180
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190										190
196										196

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



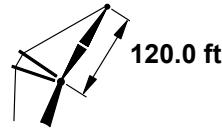
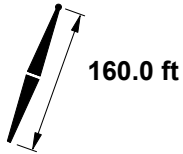
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
40													40
45													45
50													50
55													55
60													60
63													63
65													65
70													70
75													75
77													77
80													80
85													85
90													90
95													95
99	62.7	259.9	33,600										99
100	62.1	259.4	33,200										100
105	59.1	256.6	31,200										105
110	56.1	253.4	29,300										110
115	52.9	249.8	27,700										115
120	49.5	245.8	26,100										120
121	48.8	244.9	25,900	57.5	250.5	22,400							121
122	48.1	244.0	25,600	56.8	249.8	22,200							122
125	46.0	241.3	24,700	55.0	247.8	21,400							125
130	42.3	236.1	23,500	51.7	244.1	20,300							130
135	38.2	230.2	22,300	48.3	239.9	19,300							135
136	37.3	228.8	22,100	47.6	239.0	19,100							136
140	33.8	223.3	21,200	44.7	235.2	18,300							140
141	32.8	221.7	21,000	44.0	234.1	18,100	52.9	240.0	15,300				141
144	29.8	216.7	20,400	41.7	230.8	17,600	50.9	237.6	14,800				144
145	28.8	215.1	20,200	40.9	229.8	17,400	50.3	236.8	14,700				145
150	22.8	204.8	19,200	36.7	223.6	16,500	46.8	232.4	13,900				150
155	14.7	190.0	18,300	32.1	216.3	15,700	43.1	227.4	13,200				155
158	5.9	173.5	17,700	28.9	210.9	15,300	40.7	223.9	12,800				158
160				26.8	207.4	15,000	39.1	221.6	12,600				160
161				25.5	205.1	14,900	38.3	220.3	12,500	47.7	227.0	9,800	161
165				20.3	195.9	14,300	34.8	215.0	12,000	44.8	223.1	9,400	165
170				10.5	177.8	13,600	29.9	207.1	11,400	41.0	217.8	8,900	170
171				7.1	171.3	13,400	28.8	205.1	11,300	40.1	216.5	8,800	171
175							24.2	197.3	10,800	36.8	211.6	8,400	175
180							16.7	183.9	10,300	32.2	204.3	7,900	180
184							6.3	164.3	9,800	28.0	197.2	7,500	184
185										27.0	195.5	7,400	185
190										20.5	184.1	7,000	190
196										7.5	160.0	6,400	196

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



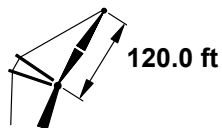
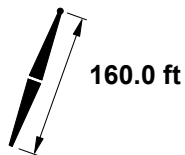
	88°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
42	75.9	284.4	52,000 c						42	
45	74.5	283.6	51,300 c						45	
50	72.0	282.1	50,300 b						50	
55	69.4	280.4	49,300 b						55	
60	66.9	278.4	48,400						60	
65	64.2	276.1	47,500						65	
66	63.7	275.6	47,300	70.9	280.1	50,700 b			66	
70	61.6	273.5	46,500	68.9	278.6	50,100			70	
75	58.8	270.7	45,700	66.3	276.6	49,500			75	
80	56.0	267.5	44,900	63.7	274.2	48,800	68.0	276.6	49,500	80
85	53.0	263.9	44,200	61.0	271.6	48,100	65.4	274.5	45,800	85
90	50.0	259.9	43,200	58.2	268.7	45,600	62.7	272.0	42,600	90
95	46.8	255.5	40,600	55.3	265.4	42,600	60.0	269.3	39,800	95
100	43.4	250.5	38,300	52.4	261.8	39,900	57.2	266.2	37,200	100
103	41.3	247.1	36,900	50.5	259.3	38,400	55.5	264.2	35,900	103
105	39.8	244.9	36,100	49.3	257.7	37,500	54.3	262.8	34,900	105
110	35.9	238.4	34,000	46.1	253.1	35,300	51.3	259.0	32,900	110
115	31.6	231.0	32,000	42.7	248.0	33,300	48.2	254.8	31,000	115
120	26.7	222.0	30,200	39.0	242.2	31,500	44.9	250.1	29,400	120
125	20.8	210.7	28,700	35.0	235.6	29,900	41.4	244.7	27,800	125
126	19.2	207.3	28,500	34.1	234.0	29,600	40.7	243.5	27,500	126
130	12.5	193.9	27,600	30.6	227.8	28,400	37.7	238.7	26,400	130
132	6.8	182.1	26,900	28.6	224.1	27,800	36.0	235.9	25,900	132
135				25.6	218.5	27,000	33.6	231.7	25,100	135
140				19.3	206.3	25,600	29.0	223.5	23,900	140
145				9.8	187.0	24,400	23.6	213.3	22,700	145
146				6.3	180.0	24,100	22.2	210.6	22,500	146
147							20.8	207.8	22,300	147
150							16.6	199.6	21,600	150
154							7.4	180.8	20,800	154
155										155
160										160
165										165
168										168
170										170
175										175
180										180
181										181
185										185
190										190
194										194
195										195

MLC250 S-1

ASME B30.5



149,600 lb
+
0 lb



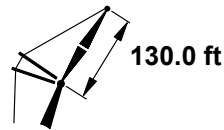
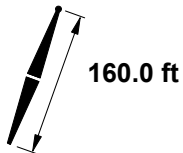
	75°			70°			65°			60°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	
42													42
45													45
50													50
55													55
60													60
65													65
66													66
70													70
75													75
80													80
85													85
90													90
95													95
100													100
103	63.0	269.1	31,600										103
105	62.0	268.1	30,800										105
110	59.2	265.2	28,900										110
115	56.4	262.1	27,300										115
120	53.5	258.6	25,800										120
125	50.5	254.7	24,400										125
126	49.8	253.8	24,100	57.7	259.2	20,800							126
130	47.3	250.3	23,100	55.4	256.5	19,900							130
132	45.9	248.3	22,600	54.2	255.1	19,500							132
135	43.9	245.4	21,900	52.4	252.9	18,900							135
140	40.4	239.9	20,900	49.4	248.8	17,900							140
145	36.5	233.6	19,800	46.1	244.3	17,000							145
146	35.7	232.1	19,700	45.4	243.3	16,800							146
147	34.8	230.7	19,500	44.8	242.2	16,700	52.9	248.0	13,900				147
150	32.3	226.3	18,900	42.7	239.2	16,200	51.1	245.6	13,500				150
154	28.5	219.3	18,200	39.8	234.6	15,600	48.6	242.2	13,000				154
155	27.5	217.6	18,000	39.1	233.4	15,400	48.0	241.4	12,800				155
160	21.8	206.7	17,200	35.1	226.8	14,700	44.7	236.6	12,200				160
165	14.0	191.3	16,400	30.7	219.1	14,000	41.2	231.2	11,600				165
168	5.7	174.0	15,900	27.7	213.5	13,600	38.9	227.6	11,300	47.5	234.1	8,500	168
170				25.7	209.7	13,300	37.4	225.1	11,000	46.2	232.2	8,300	170
175				19.4	197.7	12,700	33.3	218.1	10,500	42.8	227.2	7,800	175
180				10.0	178.7	12,100	28.6	209.7	10,000	39.2	221.4	7,300	180
181				6.8	171.9	11,900	27.5	207.7	9,900	38.4	220.1	7,200	181
185							23.1	199.4	9,500	35.2	214.8	6,900	185
190							16.0	185.4	9,000	30.8	207.1	6,500	190
194							6.0	164.8	8,500	26.8	199.7	6,100	194
195										25.8	197.8	6,100	195

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ASME B30.5



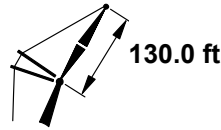
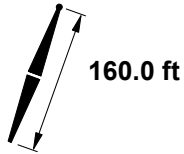
149,600 lb
+
0 lb



	88°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
45	75.7	294.0	48,400 c							45
50	73.4	292.6	47,500 b							50
55	71.1	291.0	46,600 b							55
60	68.7	289.2	45,800							60
65	66.3	287.1	44,900							65
69	64.4	285.2	44,400	71.0	289.7	47,200				69
70	63.9	284.8	44,200	70.6	289.3	47,100				70
75	61.4	282.2	43,500	68.2	287.4	46,500				75
80	58.9	279.3	42,700	65.8	285.3	45,900				80
84	56.8	276.8	41,800	63.9	283.4	45,500	67.9	285.8	46,000	84
85	56.3	276.1	41,600	63.4	282.9	45,400	67.4	285.4	45,600	85
90	53.6	272.6	40,100	60.9	280.3	44,800	65.0	283.2	42,400	90
95	50.8	268.8	38,700	58.3	277.4	42,400	62.5	280.7	39,500	95
100	47.9	264.5	36,900	55.7	274.1	39,700	60.0	277.9	37,000	100
105	44.9	259.7	34,900	53.0	270.5	37,300	57.4	274.9	34,700	105
108	42.9	256.5	33,700	51.3	268.1	36,000	55.8	272.9	33,500	108
110	41.6	254.4	32,900	50.2	266.6	35,100	54.8	271.5	32,700	110
115	38.2	248.4	31,200	47.2	262.2	33,100	52.0	267.8	30,800	115
120	34.5	241.6	29,500	44.2	257.3	31,300	49.2	263.7	29,200	120
125	30.4	233.7	27,900	40.9	251.8	29,700	46.2	259.2	27,600	125
130	25.7	224.3	26,500	37.4	245.7	28,200	43.1	254.1	26,200	130
131	24.5	221.9	26,200	36.6	244.3	27,900	42.4	253.0	25,900	131
135	20.0	212.5	25,200	33.6	238.7	26,800	39.7	248.4	24,900	135
140	12.0	195.0	24,300	29.4	230.5	25,500	36.1	242.0	23,700	140
142	6.5	182.7	24,000	27.4	226.6	25,000	34.6	239.1	23,200	142
145				24.5	220.7	24,300	32.2	234.6	22,600	145
150				18.5	208.0	23,200	27.8	226.0	21,500	150
153				13.0	195.9	22,500	24.7	219.6	20,900	153
155				9.4	187.9	22,100	22.6	215.4	20,500	155
156				6.1	180.5	21,900	21.3	212.5	20,300	156
160							15.9	201.1	19,600	160
164							7.1	181.5	18,800	164
165										165
170										170
174										174
175										175
178										178
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ASME B30.5



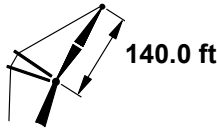
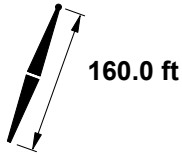
	75°			70°			65°			60°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
45													45
50													50
55													55
60													60
65													65
69													69
70													70
75													75
80													80
84													84
85													85
90													90
95													95
100													100
105													105
108	62.8	277.8	29,400										108
110	61.8	276.7	28,700										110
115	59.3	273.9	27,000										115
120	56.7	270.8	25,500										120
125	54.0	267.3	24,100										125
130	51.2	263.5	22,900										130
131	50.6	262.7	22,700	57.9	267.8	19,400							131
135	48.3	259.3	21,700	55.8	265.2	18,600							135
140	45.3	254.6	20,600	53.0	261.6	17,700							140
142	44.0	252.5	20,200	51.9	260.1	17,300							142
145	42.1	249.4	19,600	50.2	257.7	16,800							145
150	38.7	243.5	18,700	47.3	253.3	15,900							150
153	36.5	239.5	18,200	45.5	250.4	15,500	52.9	256.0	12,800				153
155	35.1	236.8	17,800	44.2	248.4	15,200	51.8	254.4	12,600				155
156	34.3	235.3	17,700	43.6	247.3	15,000	51.3	253.6	12,400				156
160	31.0	229.1	17,000	41.0	243.0	14,400	49.0	250.3	11,900				160
164	27.3	221.8	16,400	38.2	238.1	13,900	46.6	246.6	11,500				164
165	26.4	220.0	16,200	37.5	236.9	13,800	46.0	245.7	11,400				165
170	20.9	208.6	15,500	33.7	229.9	13,100	42.8	240.6	10,800				170
174	15.0	195.7	14,900	30.3	223.4	12,600	40.2	236.0	10,400	48.0	242.2	7,500	174
175	13.5	192.5	14,800	29.5	221.8	12,500	39.5	234.9	10,200	47.4	241.3	7,400	175
178	5.4	174.5	14,300	26.6	215.9	12,200	37.3	231.0	9,900	45.5	238.3	7,100	178
180				24.6	212.0	11,900	35.9	228.4	9,700	44.3	236.4	7,000	180
185				18.7	199.4	11,400	31.9	221.0	9,200	41.0	231.0	6,500	185
190				9.6	179.5	10,800	27.5	212.2	8,700	37.6	224.9	6,100	190
191				6.5	172.5	10,700	26.4	210.1	8,600				191
195							22.2	201.4	8,200				195
200							15.4	186.7	7,800				200
204							5.8	165.3	7,400				204

MLC250 S-1

ASME B30.5



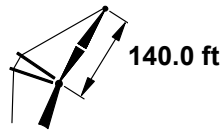
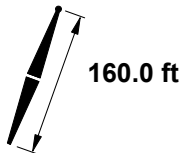
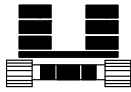
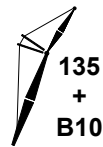
149,600 lb
+
0 lb



	88°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
47	75.9	303.8	45,100 b						47	
50	74.6	303.0	44,600 b						50	
55	72.5	301.5	43,800						55	
60	70.3	299.8	43,000						60	
65	68.1	297.9	42,300						65	
70	65.9	295.8	41,600						70	
73	64.5	294.4	41,200	70.7	298.9	43,600			73	
75	63.6	293.5	41,000	69.8	298.1	43,400			75	
80	61.3	290.8	39,500	67.6	296.2	42,900			80	
85	59.0	288.0	38,000	65.4	294.0	42,400			85	
88	57.5	286.1	37,100	64.0	292.6	41,700	67.8	294.9	42,500	88
90	56.6	284.8	36,600	63.1	291.6	41,200	66.9	294.1	42,000	90
95	54.1	281.4	35,100	60.8	288.9	39,700	64.6	291.9	39,200	95
100	51.5	277.6	33,800	58.4	286.0	38,200	62.3	289.4	36,600	100
105	48.8	273.4	32,400	56.0	282.8	36,800	60.0	286.6	34,400	105
110	46.1	268.8	31,100	53.5	279.3	34,800	57.6	283.6	32,300	110
113	44.3	265.8	30,500	51.9	276.9	33,600	56.1	281.6	31,200	113
115	43.1	263.7	30,000	50.9	275.4	32,800	55.2	280.3	30,500	115
120	40.1	258.1	28,600	48.2	271.1	31,100	52.6	276.6	28,800	120
125	36.8	251.8	27,200	45.4	266.4	29,400	50.0	272.6	27,300	125
130	33.2	244.6	25,800	42.5	261.2	27,900	47.3	268.2	25,900	130
135	29.2	236.4	24,500	39.4	255.5	26,500	44.4	263.3	24,600	135
136	28.3	234.4	24,300	38.7	254.2	26,300	43.8	262.3	24,300	136
140	24.7	226.6	23,300	36.0	249.0	25,300	41.4	258.0	23,400	140
145	19.3	214.2	22,400	32.4	241.6	24,100	38.2	252.0	22,300	145
150	11.6	196.0	21,500	28.3	233.1	23,000	34.8	245.2	21,200	150
152	6.3	183.3	21,400	26.4	229.0	22,500	33.3	242.1	20,800	152
155				23.6	222.8	21,900	31.0	237.5	20,300	155
159				19.0	212.3	21,100	27.6	230.2	19,500	159
160				17.8	209.6	20,900	26.8	228.4	19,300	160
165				9.0	188.7	20,000	21.8	217.3	18,500	165
166				5.9	181.0	19,800	20.5	214.3	18,300	166
170							15.4	202.4	17,700	170
174							6.9	182.1	17,000	174
175									17,000	175
180										180
185										185
188										188
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200										200
201										201
210										210
214										214

MLC250 S-1

ASME B30.5



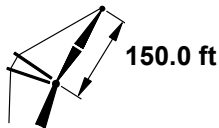
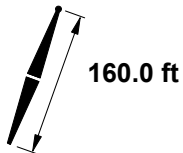
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
47										47
50										50
55										55
60										60
65										65
70										70
73										73
75										75
80										80
85										85
88										88
90										90
95										95
100										100
105										105
110										110
113	62.6	286.5	27,300							113
115	61.7	285.4	26,600							115
120	59.3	282.6	25,100							120
125	56.9	279.5	23,800							125
130	54.4	276.0	22,500							130
135	51.9	272.3	21,400							135
136	51.4	271.5	21,100	58.0	276.5	18,000				136
140	49.2	268.2	20,300	56.1	273.9	17,300				140
145	46.5	263.7	19,300	53.6	270.4	16,400				145
150	43.6	258.7	18,400	51.0	266.5	15,600				150
152	42.4	256.4	18,000	49.9	264.8	15,300				152
155	40.5	253.1	17,500	48.3	262.3	14,800				155
159	37.9	248.2	16,900	46.0	258.5	14,200	53.0	264.0	11,600	159
160	37.3	246.9	16,700	45.5	257.6	14,100	52.4	263.2	11,400	160
165	33.7	239.9	15,900	42.5	252.4	13,400	49.8	259.2	10,800	165
166	33.0	238.3	15,800	41.9	251.3	13,300	49.3	258.3	10,700	166
170	29.9	231.9	15,200	39.4	246.7	12,800	47.1	254.8	10,200	170
174	26.3	224.2	14,700	36.7	241.5	12,300	44.8	250.8	9,800	174
175	25.5	222.3	14,500	36.1	240.2	12,200	44.2	249.9	9,700	175
180	20.2	210.4	13,900	32.4	232.9	11,600	41.2	244.5	9,200	180
185	13.0	193.6	13,200	28.4	224.3	11,100	38.0	238.4	8,700	185
188	5.2	174.9	12,800	25.6	218.2	10,800	35.9	234.3	8,400	188
190				23.7	214.1	10,600	34.5	231.6	8,200	190
195				18.0	201.0	10,100	30.7	223.8	7,700	195
200				9.3	180.4	9,600	26.5	214.6	7,300	200
201				6.3	173.1	9,400	25.3	212.0	7,200	201
210							14.8	188.1	6,500	210
214							5.6	165.8	6,100	214

MLC250 S-1

ASME B30.5



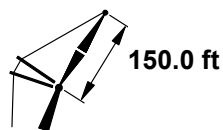
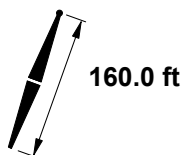
149,600 lb
+
0 lb



	88°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
50	75.7	313.3	41,900 b						50	
55	73.7	312.0	41,100						55	
60	71.7	310.4	40,400						60	
65	69.7	308.6	39,700						65	
70	67.6	306.7	39,100						70	
75	65.5	304.5	37,800						75	
76	65.1	304.0	37,500	70.8	308.4	40,400			76	
80	63.4	302.1	36,400	69.2	306.9	40,000			80	
85	61.2	299.5	34,900	67.1	304.9	39,200			85	
90	59.0	296.6	33,500	65.1	302.7	37,800			90	
92	58.1	295.4	33,000	64.2	301.7	37,300	67.7	304.1	39,100	92
95	56.8	293.5	32,200	62.9	300.3	36,400	66.4	302.8	38,500	95
100	54.5	290.1	30,800	60.8	297.6	35,100	64.3	300.6	36,500	100
105	52.1	286.4	29,600	58.6	294.7	33,700	62.2	298.0	34,300	105
110	49.6	282.3	28,300	56.3	291.5	32,400	60.0	295.3	32,200	110
115	47.1	277.8	27,200	54.0	288.0	31,000	57.8	292.3	30,400	115
117	46.0	275.9	26,700	53.0	286.5	30,500	56.9	290.9	29,700	117
120	44.4	273.0	26,000	51.6	284.2	29,700	55.5	289.0	28,700	120
125	41.6	267.6	24,900	49.1	280.0	28,500	53.1	285.4	27,200	125
130	38.6	261.7	23,900	46.5	275.5	27,400	50.7	281.4	25,800	130
135	35.5	255.0	22,900	43.8	270.5	26,200	48.2	277.2	24,500	135
140	32.0	247.6	22,000	41.0	265.1	25,100	45.6	272.5	23,300	140
142	30.5	244.1	21,600	39.8	262.6	24,600	44.5	270.4	22,900	142
145	28.2	238.9	21,100	38.0	259.0	24,000	42.8	267.3	22,200	145
150	23.9	228.7	20,300	34.7	252.2	22,900	39.9	261.7	21,200	150
155	18.6	215.8	19,600	31.2	244.5	21,900	36.9	255.4	20,200	155
160	11.2	197.0	19,000	27.3	235.6	20,900	33.6	248.3	19,300	160
162	6.0	183.8	18,900	25.5	231.3	20,600	32.1	245.0	19,000	162
165				22.8	224.9	20,000	29.9	240.2	18,500	165
170				17.2	211.2	19,100	25.8	230.7	17,700	170
175				8.7	189.5	18,300	21.0	219.2	16,900	175
176				5.7	181.5	18,100	19.8	216.1	16,700	176
180							14.8	203.8	16,200	180
184							6.6	182.7	15,600	184
185										185
190										190
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198										198
200										200
205										205
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211										211
215										215

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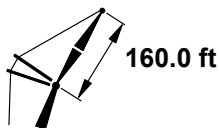
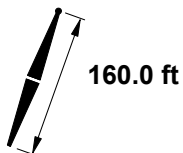
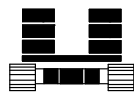
ASME B30.5



	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
50										50
55										55
60										60
65										65
70										70
75										75
76										76
80										80
85										85
90										90
92										92
95										95
100										100
105										105
110										110
115										115
117	62.9	295.6	25,900							117
120	61.6	294.1	25,000							120
125	59.4	291.2	23,700							125
130	57.1	288.1	22,400							130
135	54.8	284.8	21,300							135
140	52.5	281.1	20,200							140
142	51.5	279.5	19,800	57.7	284.6	16,800				142
145	50.0	277.1	19,200	56.3	282.6	16,300				145
150	47.5	272.7	18,300	54.0	279.1	15,500				150
155	44.8	267.9	17,400	51.6	275.3	14,700				155
160	42.0	262.6	16,600	49.1	271.2	14,000				160
162	40.9	260.2	16,300	48.1	269.4	13,700				162
165	39.1	256.7	15,900	46.6	266.7	13,300	53.0	272.0	10,700	165
170	36.0	250.2	15,200	43.9	261.7	12,700	50.5	268.0	10,100	170
175	32.6	242.9	14,500	41.0	256.2	12,100	48.0	263.7	9,500	175
176	31.8	241.2	14,400	40.4	255.0	12,000	47.5	262.8	9,400	176
180	28.8	234.5	13,900	38.0	250.2	11,600	45.4	259.0	9,000	180
184	25.4	226.5	13,400	35.5	244.7	11,100	43.2	254.9	8,600	184
185	24.6	224.5	13,200	34.8	243.4	11,000	42.6	253.9	8,500	185
190	19.5	212.2	12,700	31.3	235.7	10,500	39.7	248.1	8,100	190
195	12.6	194.7	12,100	27.4	226.8	10,000	36.7	241.8	7,600	195
198	5.1	175.4	11,700	24.7	220.4	9,800	34.7	237.5	7,400	198
200				22.9	216.2	9,600	33.3	234.6	7,200	200
205				17.4	202.5	9,100	29.7	226.5	6,800	205
210				9.0	181.2	8,700	25.5	216.9	6,400	210
211				6.1	173.6	8,600	24.6	214.6	6,300	211
215							20.7	205.2	6,000	215

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ASME B30.5



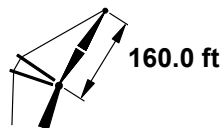
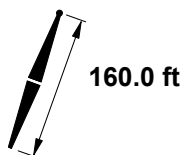
	88°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
52	75.8	323.1	38,700						52	
55	74.7	322.4	38,400						55	
60	72.9	320.9	37,700						60	
65	71.0	319.3	37,100						65	
70	69.1	317.4	35,900						70	
75	67.1	315.4	34,500						75	
79	65.6	313.7	33,400	70.9	317.9	37,100			79	
80	65.2	313.2	33,100	70.6	317.6	37,000			80	
85	63.2	310.8	31,700	68.6	315.7	35,800			85	
90	61.2	308.2	30,400	66.7	313.7	34,400			90	
95	59.1	305.3	29,100	64.7	311.4	33,100	68.0	313.7	34,900	95
100	57.0	302.2	27,800	62.8	309.0	31,800	66.0	311.6	33,700	100
105	54.8	298.8	26,500	60.7	306.3	30,500	64.1	309.2	32,400	105
110	52.6	295.1	25,400	58.6	303.3	29,200	62.1	306.7	31,200	110
115	50.3	291.1	24,200	56.5	300.2	27,900	60.0	303.9	30,000	115
120	48.0	286.8	23,100	54.3	296.7	26,600	57.9	300.9	28,400	120
122	47.0	284.9	22,600	53.4	295.2	26,200	57.1	299.6	27,800	122
125	45.5	282.1	22,000	52.1	293.0	25,400	55.8	297.7	26,900	125
130	42.9	277.0	21,000	49.8	288.9	24,300	53.6	294.1	25,500	130
135	40.2	271.3	20,000	47.4	284.5	23,100	51.3	290.3	24,200	135
140	37.4	265.1	19,000	44.9	279.7	22,000	49.0	286.1	23,000	140
145	34.3	258.2	18,200	42.3	274.5	21,000	46.6	281.6	21,900	145
147	33.0	255.1	17,800	41.2	272.2	20,600	45.6	279.6	21,500	147
150	31.0	250.4	17,300	39.6	268.7	20,000	44.1	276.6	20,900	150
155	27.3	241.4	16,500	36.7	262.4	19,100	41.4	271.2	19,900	155
160	23.1	230.8	15,800	33.6	255.3	18,200	38.6	265.2	19,000	160
165	18.0	217.5	15,000	30.2	247.2	17,400	35.7	258.6	18,200	165
170	10.8	198.0	14,000	26.4	238.0	16,600	32.5	251.2	17,400	170
171	8.3	191.1	13,900	25.6	235.7	16,400	31.8	249.6	17,200	171
172	5.9	184.3	13,800	24.7	233.5	16,300	31.1	247.9	17,100	172
175				22.1	226.9	15,900	29.0	242.8	16,600	175
180				16.7	212.6	14,900	25.0	233.0	15,900	180
185				8.4	190.2	14,000	20.4	221.0	15,200	185
186				5.5	182.0	13,900	19.2	217.8	15,100	186
190							14.4	205.1	14,600	190
194							6.4	183.2	14,000	194
195										195
200										200
205										205
208										208
210										210
215										215
220										220
221										221

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149,600 lb
+
0 lb



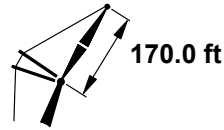
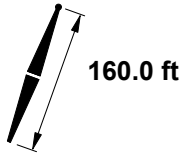
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
52										52
55										55
60										60
65										65
70										70
75										75
79										79
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
122	62.7	304.3	24,100							122
125	61.5	302.7	23,300							125
130	59.4	299.9	22,100							130
135	57.3	296.8	20,900							135
140	55.2	293.5	19,800							140
145	52.9	289.8	18,900							145
147	52.0	288.3	18,500	57.8	293.2	15,600				147
150	50.7	285.9	17,900	56.6	291.3	15,100				150
155	48.3	281.6	17,100	54.4	287.8	14,300				155
160	45.9	277.0	16,300	52.2	284.1	13,600				160
165	43.3	271.9	15,500	49.9	280.1	13,000				165
170	40.6	266.4	14,800	47.5	275.7	12,300				170
171	40.1	265.1	14,700	47.0	274.7	12,200	53.0	280.0	9,400	171
172	39.5	263.9	14,600	46.5	273.8	12,100	52.5	279.2	9,300	172
175	37.8	260.2	14,200	45.0	270.9	11,800	51.2	276.9	9,000	175
180	34.8	253.4	13,500	42.4	265.6	11,200	48.8	272.7	8,500	180
185	31.5	245.8	13,000	39.7	259.9	10,700	46.4	268.1	8,000	185
186	30.8	244.0	12,800	39.1	258.6	10,600	45.9	267.1	7,900	186
190	27.9	237.0	12,400	36.8	253.6	10,200	43.9	263.1	7,500	190
194	24.6	228.7	12,000	34.3	247.9	9,800	41.8	258.8	7,200	194
195	23.8	226.7	11,800	33.7	246.5	9,700	41.2	257.7	7,100	195
200	18.9	213.9	11,300	30.3	238.5	9,300	38.4	251.7	6,700	200
205	12.2	195.8	10,800	26.5	229.2	8,800	35.5	245.0	6,300	205
208	4.9	175.8	10,500	23.9	222.6	8,600				208
210				22.2	218.2	8,400				210
215				16.8	204.0	8,000				215
220				8.7	181.9	7,500				220
221				5.9	174.1	7,400				221

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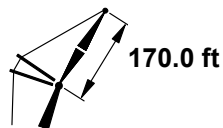
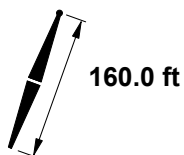
149,600 lb
+
0 lb



	88°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
54	76.0	333.0	35,900						54	
55	75.6	332.7	35,800						55	
60	73.9	331.3	35,100						60	
65	72.1	329.8	34,500						65	
70	70.4	328.1	33,100						70	
75	68.6	326.2	31,800						75	
80	66.7	324.2	30,500						80	
82	66.0	323.3	29,900	71.0	327.5	33,600			82	
85	64.9	321.9	29,100	70.0	326.4	32,900			85	
90	63.0	319.5	27,900	68.2	324.5	31,600			90	
95	61.1	316.8	26,600	66.3	322.4	30,300			95	
99	59.5	314.5	25,600	64.8	320.6	29,300	67.9	322.9	31,100	99
100	59.2	314.0	25,400	64.5	320.1	29,000	67.5	322.4	30,800	100
105	57.2	310.9	24,100	62.6	317.6	27,800	65.7	320.3	29,700	105
110	55.1	307.5	23,000	60.7	314.9	26,600	63.8	317.9	28,500	110
115	53.1	303.9	21,900	58.7	312.0	25,400	61.9	315.4	27,300	115
120	50.9	300.0	20,800	56.7	308.9	24,200	60.0	312.6	26,200	120
125	48.7	295.8	19,700	54.7	305.4	23,000	58.0	309.6	25,000	125
126	48.3	294.8	19,500	54.3	304.7	22,800	57.6	308.9	24,800	126
130	46.4	291.2	18,700	52.6	301.8	21,900	56.0	306.3	23,800	130
135	44.1	286.2	17,800	50.4	297.8	20,800	54.0	302.8	22,700	135
140	41.6	280.8	16,900	48.2	293.5	19,800	51.9	299.1	21,600	140
145	39.0	274.9	16,100	45.9	288.8	18,800	49.7	295.0	20,500	145
150	36.2	268.4	15,200	43.5	283.8	17,900	47.4	290.6	19,500	150
152	35.0	265.5	14,900	42.5	281.6	17,500	46.5	288.6	19,100	152
155	33.3	261.2	14,400	41.0	278.3	17,000	45.1	285.8	18,500	155
160	30.0	253.1	13,400	38.4	272.3	16,100	42.7	280.6	17,600	160
165	26.5	243.8	12,500	35.6	265.6	15,200	40.1	274.9	16,700	165
170	22.4	232.8	11,700	32.6	258.2	14,400	37.4	268.7	15,900	170
175	17.5	219.0	10,900	29.3	249.9	13,400	34.6	261.8	15,000	175
177	14.7	211.0	10,600	27.8	246.0	13,000	33.3	258.7	14,700	177
180	10.5	198.9	10,100	25.6	240.3	12,500	31.5	254.1	14,100	180
182	5.7	184.8	9,900	23.9	235.7	12,100	30.1	250.6	13,700	182
185				21.4	228.8	11,600	28.1	245.4	13,100	185
190				16.2	214.1	10,800	24.3	235.2	12,300	190
195				8.2	190.9	10,100	19.8	222.8	11,400	195
196				5.3	182.5	9,900	18.6	219.5	11,200	196
200							13.9	206.3	10,600	200
204							6.2	183.8	10,100	204
210										210
218										218
220										220
230										230
231										231

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	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
54										54
55										55
60										60
65										65
70										70
75										75
80										80
82										82
85										85
90										90
95										95
99										99
100										100
105										105
110										110
115										115
120										120
125										125
126	62.9	313.5	22,800							126
130	61.4	311.4	21,800							130
135	59.5	308.6	20,700							135
140	57.5	305.5	19,600							140
145	55.5	302.2	18,600							145
150	53.4	298.6	17,700							150
152	52.5	297.0	17,400	58.0	301.9	14,500				152
155	51.3	294.7	16,800	56.8	300.0	14,100				155
160	49.1	290.6	16,100	54.7	296.6	13,400				160
165	46.8	286.0	15,300	52.6	292.9	12,700				165
170	44.4	281.1	14,600	50.5	288.9	12,100				170
175	42.0	275.8	13,900	48.3	284.6	11,500				175
177	40.9	273.5	13,700	47.4	282.8	11,300	53.0	288.0	8,400	177
180	39.4	270.0	13,300	46.0	280.0	11,000	51.7	285.7	8,100	180
182	38.3	267.4	13,100	45.0	278.0	10,700	50.8	284.0	7,900	182
185	36.6	263.6	12,700	43.6	274.9	10,400	49.5	281.6	7,600	185
190	33.7	256.5	12,200	41.1	269.5	9,900	47.3	277.1	7,200	190
195	30.5	248.5	11,600	38.4	263.4	9,500	44.9	272.3	6,700	195
196	29.8	246.7	11,500	37.9	262.1	9,400	44.5	271.3	6,600	196
200	27.0	239.4	11,100	35.6	256.8	9,000	42.5	267.1	6,300	200
204	23.5	229.9	10,800	33.1	250.5	8,600				204
210	18.3	215.5	10,200	29.4	241.1	8,100				210
218	4.8	176.2	9,400	23.1	224.3	7,400				218
220				21.5	220.1	7,300				220
230				8.4	182.7	6,400				230
231				5.7	174.6	6,400				231