

Liftcrane Jib Capacities

Jib No. 134 on
 Boom No. B10:82A
 184,600 lb Crane Counterweight
 44,000 lb Carbody Counterweight
 360 Degree Rating

MLC250 SERIES 2



LIFTING CAPACITIES: Chart supplements Boom Capacity chart **No. 9891-A**. Lifting capacities for various boom lengths, jib lengths, and 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 jib point sheaves is considered part of load. Boom and jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate on a firm, level, and uniformly supporting surface with gantry up. Refer to Boom Rigging **No. 80137888**, Jib Rigging **No. 80117860**, Wire Rope Specifications chart **No. 9916-A**, Counterweight Arrangements chart **No. 9893-A**, and Wind Conditions chart **No. 9917-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 must be within boom angle range shown in capacity chart. Refer to Maximum Allowable Travel Specifications chart **No. 9915-A**.



OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block.



BOOM ANGLE: Boom angle in degrees ($^{\circ}$) is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.



JIB POINT ELEVATION: Jib point elevation is vertical distance from ground level to centerline of 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, and boom support straps.

Refer to Tables 1 and 2 for raising ability with the maximum weight of all load blocks, hooks, weight ball, slings, and hoist lines beneath boom and jib point sheaves. For block weights shown with #, load blocks, hooks, weight ball, and slings must remain on ground until combined weights are within rated capacity of chart. Raising is not permitted in shaded areas of table.

Caution: Combined weight beneath boom and jib point sheaves must not exceed block weight shown. Total weight beneath jib point must not exceed 3,000 lb.

Table 1

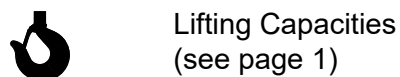
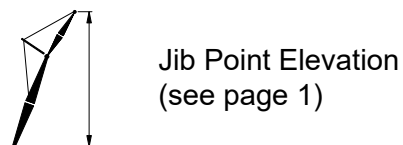
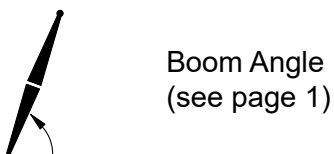
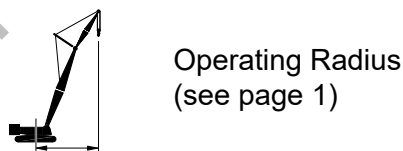
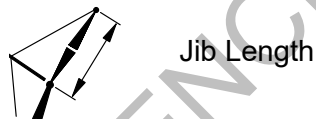
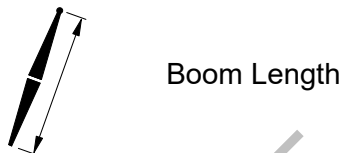
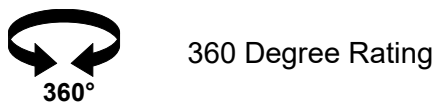
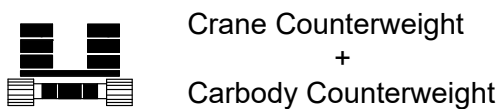
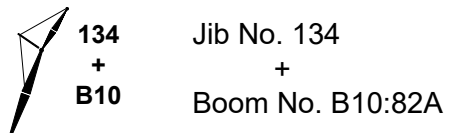
Over End or Side of Crawlers							
Boom Length (ft)	Maximum Number of Lower Boom Point Sheaves	Jib No. 134					
		30.0 ft	40.0 ft	50.0 ft	60.0 ft	70.0 ft	80.0 ft
		Block Weight (lb)					
90.0 - 140.0	8	13,000	13,000	13,000	13,000	13,000	10,700
150.0	8	13,000	13,000	13,000	13,000	11,600	10,600
160.0	8	13,000	13,000	12,500	11,400	9,900	9,100
170.0	8	12,600	11,500	10,500	9,600	8,900	7,500
180.0	8	10,600	9,600	8,800	7,900	7,300	6,100
190.0	8	8,200	7,400	6,700	5,900	5,200	4,400
200.0	8	5,900	5,200	4,400	3,600	3,000	#
210.0	8	3,700	3,000	#	#	#	#
220.0	8	#	#	#	#	#	#
230.0	8	#	#	#	#	#	#
240.0	8	Raising Not Permitted					
250.0	2						
260.0	2						

Table 2

Over End of Blocked Crawlers							
Boom Length (ft)	Maximum Number of Lower Boom Point Sheaves	Jib No. 134					
		30.0 ft	40.0 ft	50.0 ft	60.0 ft	70.0 ft	80.0 ft
		Block Weight (lb)					
90.0 - 140.0	8	13,000	13,000	13,000	13,000	13,000	10,700
150.0	8	13,000	13,000	13,000	13,000	11,600	10,600
160.0	8	13,000	13,000	12,500	11,400	9,900	9,100
170.0	8	12,600	11,500	10,500	9,600	8,900	7,500
180.0	8	10,600	9,600	8,800	7,900	7,300	6,100
190.0	8	8,500	7,700	6,900	6,200	5,700	5,000
200.0	8	6,800	6,100	5,400	4,700	4,300	4,100
210.0	8	5,100	5,000	4,400	4,300	4,200	4,100
220.0	8	4,000	4,000	4,000	3,800	3,200	#
230.0	8	3,600	#	#	#	#	#
240.0	8	#	#	#	#	#	#
250.0	2	#	#	#	#	#	#
260.0	2	#	#	Raising Not Permitted			

Warning: Crane must remain in-line with crawlers when raising over end of blocked crawlers until operating radius is within 360 degree chart. Crane tipping or structural damage can occur.

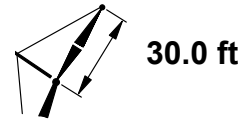
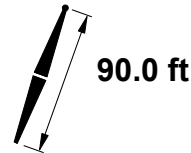
Explanation of Symbols



REFERENCE ONLY!

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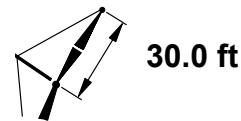
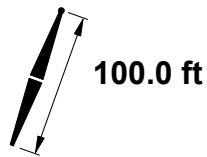
ASME B30.5



ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
30	79.2	125.6	59,000	79.3	123.6	59,000				30
35	76.7	124.4	59,000	76.8	122.2	59,000	79.3	120.5	48,800	35
40	74.3	123.0	59,000	74.2	120.6	58,000	76.7	118.8	46,200	40
45	71.7	121.3	59,000	71.7	118.7	56,900	74.1	116.9	43,800	45
50	69.2	119.4	59,000	69.0	116.5	56,000	71.4	114.7	41,700	50
55	66.6	117.3	58,700	66.4	114.0	55,100	68.7	112.2	39,800	55
60	63.9	114.8	57,500	63.6	111.3	54,300	65.9	109.4	38,200	60
65	61.2	112.1	56,300	60.8	108.2	53,500	63.1	106.3	36,700	65
70	58.4	109.1	55,300	57.9	104.8	51,600	60.1	102.8	35,300	70
75	55.5	105.7	54,400	54.9	100.9	49,100	57.0	98.8	34,100	75
80	52.5	101.9	53,500	51.7	96.7	46,900	53.7	94.5	33,100	80
85	49.4	97.6	52,800	48.4	91.9	44,800	50.3	89.5	32,100	85
90	46.1	92.9	51,500	44.8	86.5	43,100	46.7	84.0	31,300	90
95	42.6	87.6	48,800	41.0	80.3	41,400	42.7	77.6	30,500	95
100	38.9	81.5	46,300	36.9	73.2	40,000				100
105	34.8	74.5	43,400	32.1	64.8	38,700				105
110	30.2	66.3	40,500							110
115	24.8	56.2	37,900							115

MLC250 S-2

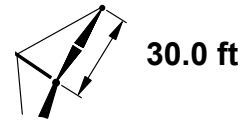
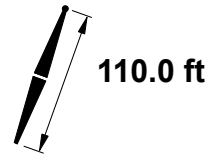
ASME B30.5



	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
30	80.0		135.8							30
35	77.8		134.7							35
40	75.5		133.4							40
45	73.2		131.9							45
50	70.9		130.2							50
55	68.5		128.2							55
60	66.1		126.0							60
65	63.6		123.5							65
70	61.1		120.8							70
75	58.5		117.7							75
80	55.9		114.4							80
85	53.1		110.7							85
90	50.3		106.5							90
95	47.3		102.0							95
100	44.2		96.9							100
105	40.8		91.3							105
110	37.3		84.8							110
115	33.3		77.5							115
120	28.9		68.8							120
125	23.7		58.2							125

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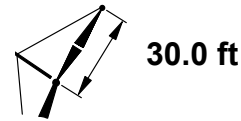
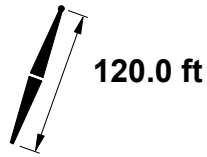
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	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
30	80.8	145.9	59,000							30
35	78.7	144.9	59,000	80.8	144.2	59,000				35
40	76.6	143.7	59,000	78.7	143.0	59,000	80.9	141.2	50,700	40
45	74.4	142.3	59,000	76.6	141.6	58,700	78.7	139.8	48,200	45
50	72.3	140.8	59,000	74.4	140.0	57,800	76.5	138.2	46,000	50
55	70.1	139.0	59,000	72.2	138.1	56,900	74.3	136.3	44,000	55
60	67.9	136.9	59,000	70.0	136.1	56,100	72.1	134.3	42,200	60
65	65.7	134.7	58,000	67.7	133.8	55,300	69.8	132.0	40,500	65
70	63.4	132.2	56,900	65.4	131.3	54,600	67.4	129.4	39,000	70
75	61.0	129.4	56,000	63.1	128.6	53,900	65.0	126.6	37,700	75
80	58.7	126.4	55,100	60.7	125.5	53,300	62.6	123.5	36,500	80
85	56.2	123.1	54,400	58.2	122.2	51,900	60.1	120.1	35,300	85
90	53.7	119.4	52,900	55.6	118.5	49,800	57.5	116.3	34,300	90
95	51.0	115.4	48,900	53.0	114.4	47,800	54.8	112.2	33,400	95
100	48.3	111.0	45,400	50.3	110.0	45,900	51.9	107.7	32,500	100
105	45.5	106.2	42,200	47.4	105.1	42,700	49.0	102.6	31,800	105
110	42.5	100.8	39,400	44.3	99.6	39,800	45.9	97.0	31,100	110
115	39.3	94.8	36,800	41.1	93.6	37,100	42.5	90.8	30,500	115
120	35.8	88.0	34,400	37.6	86.7	34,700				120
125	32.0	80.3	32,200	33.8	78.8	32,500				125
130	27.8	71.2	30,200							130
135	22.8	60.1	28,400							135

MLC250 S-2

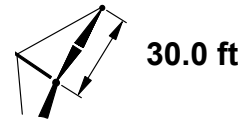
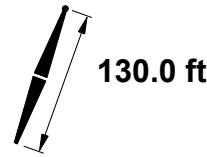
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
35	79.4	155.2	59,000							35
40	77.5	154.0	59,000	79.5	153.3	59,000				40
45	75.5	152.8	59,000	77.5	152.0	59,000	79.5	150.2	49,100	45
50	73.5	151.3	59,000	75.5	150.5	58,100	77.5	148.7	46,900	50
55	71.5	149.6	59,000	73.5	148.8	57,200	75.4	147.0	45,000	55
60	69.5	147.7	59,000	71.4	146.9	56,400	73.4	145.0	43,200	60
65	67.4	145.7	58,600	69.3	144.8	55,700	71.2	142.9	41,600	65
70	65.3	143.4	57,600	67.2	142.5	55,000	69.1	140.6	40,100	70
75	63.2	140.8	56,700	65.1	140.0	54,300	66.9	138.0	38,700	75
80	61.0	138.1	55,900	62.9	137.2	53,700	64.7	135.2	37,500	80
85	58.7	135.1	55,000	60.6	134.2	53,200	62.4	132.1	36,400	85
90	56.5	131.8	52,600	58.3	130.8	52,000	60.1	128.7	35,300	90
95	54.1	128.2	48,600	56.0	127.2	49,300	57.6	125.0	34,400	95
100	51.7	124.3	45,100	53.5	123.3	45,700	55.2	121.0	33,500	100
105	49.2	120.0	41,900	51.0	118.9	42,400	52.6	116.6	32,700	105
110	46.5	115.3	39,100	48.3	114.2	39,500	49.9	111.8	32,000	110
115	43.8	110.2	36,500	45.6	109.0	36,900	47.0	106.5	31,300	115
120	40.9	104.5	34,100	42.6	103.3	34,500	44.0	100.5	30,800	120
125	37.8	98.2	32,000	39.5	96.9	32,300				125
130	34.5	91.1	30,000	36.2	89.7	30,300				130
135	30.9	83.0	28,200	32.5	81.5	28,400				135
140	26.8	73.6	26,500							140
145	22.0	62.0	24,900							145

MLC250 S-2

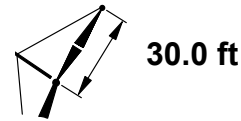
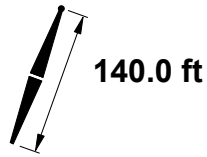
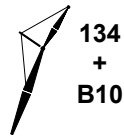
ASME B30.5



ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
35	80.1	165.3	59,000							35
40	78.3	164.3	59,000	80.2	163.5	59,000				40
45	76.4	163.1	59,000	78.3	162.3	59,000	80.2	160.5	49,900	45
50	74.6	161.7	59,000	76.4	160.9	58,400	78.3	159.1	47,800	50
55	72.7	160.2	59,000	74.6	159.3	57,500	76.4	157.5	45,900	55
60	70.8	158.4	59,000	72.7	157.6	56,700	74.5	155.7	44,100	60
65	68.9	156.5	59,000	70.7	155.7	56,000	72.5	153.8	42,500	65
70	66.9	154.4	58,200	68.8	153.5	55,400	70.5	151.6	41,100	70
75	65.0	152.1	57,200	66.8	151.2	54,700	68.5	149.2	39,700	75
80	63.0	149.5	56,400	64.8	148.6	54,100	66.5	146.6	38,500	80
85	60.9	146.7	55,600	62.7	145.8	53,500	64.4	143.8	37,300	85
90	58.8	143.7	52,200	60.6	142.8	52,900	62.2	140.7	36,300	90
95	56.7	140.5	48,200	58.4	139.5	48,900	60.1	137.4	35,300	95
100	54.5	136.9	44,700	56.2	136.0	45,300	57.8	133.8	34,400	100
105	52.2	133.1	41,500	54.0	132.1	42,100	55.5	129.8	33,600	105
110	49.9	128.9	38,700	51.6	127.9	39,200	53.1	125.5	32,900	110
115	47.5	124.4	36,100	49.2	123.3	36,500	50.6	120.9	32,200	115
120	45.0	119.4	33,700	46.6	118.3	34,100	48.0	115.7	31,500	120
125	42.3	114.0	31,600	43.9	112.8	32,000	45.3	110.1	31,000	125
130	39.5	108.1	29,600	41.1	106.8	29,900	42.4	103.9	30,200	130
135	36.6	101.5	27,800	38.1	100.1	28,100				135
140	33.4	94.1	26,100	34.9	92.6	26,300				140
145	29.9	85.6	24,500	31.3	84.0	24,700				145
150	25.9	75.8	23,000							150
155	21.3	63.9	21,700							155

MLC250 S-2

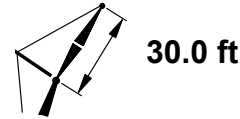
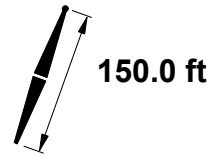
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
35	80.7	175.5	59,000							35
40	79.0	174.5	59,000	80.8	173.7	59,000				40
45	77.3	173.4	59,000	79.0	172.6	59,000	80.8	170.8	50,600	45
50	75.5	172.1	59,000	77.3	171.3	58,500	79.0	169.5	48,600	50
55	73.8	170.7	59,000	75.5	169.8	57,700	77.3	168.0	46,700	55
60	72.0	169.0	59,000	73.7	168.2	57,000	75.4	166.3	45,000	60
65	70.2	167.2	59,000	71.9	166.4	56,300	73.6	164.5	43,400	65
70	68.4	165.3	58,700	70.1	164.4	55,600	71.8	162.5	42,000	70
75	66.5	163.1	57,800	68.3	162.2	55,000	69.9	160.3	40,600	75
80	64.7	160.7	56,900	66.4	159.9	54,500	68.0	157.9	39,400	80
85	62.8	158.2	56,100	64.5	157.3	53,900	66.1	155.3	38,300	85
90	60.9	155.4	51,900	62.5	154.5	52,600	64.1	152.4	37,200	90
95	58.9	152.4	47,900	60.6	151.5	48,600	62.1	149.4	36,200	95
100	56.9	149.2	44,400	58.5	148.2	45,000	60.1	146.0	35,300	100
105	54.8	145.7	41,200	56.5	144.7	41,800	58.0	142.5	34,500	105
110	52.7	141.9	38,300	54.3	140.9	38,900	55.8	138.6	33,700	110
115	50.5	137.8	35,800	52.1	136.8	36,300	53.6	134.4	33,000	115
120	48.3	133.4	33,400	49.9	132.3	33,900	51.2	129.9	32,300	120
125	46.0	128.6	31,300	47.5	127.5	31,700	48.8	124.9	31,700	125
130	43.5	123.4	29,300	45.1	122.2	29,700	46.3	119.6	30,000	130
135	41.0	117.7	27,500	42.5	116.5	27,800	43.7	113.7	28,100	135
140	38.3	111.5	25,800	39.8	110.2	26,100				140
145	35.4	104.6	24,200	36.9	103.2	24,500				145
150	32.3	96.9	22,800	33.7	95.4	23,000				150
155	28.9	88.2	21,400							155
160	25.1	78.0	20,100							160
165	20.6	65.6	18,900							165

MLC250 S-2

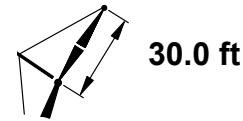
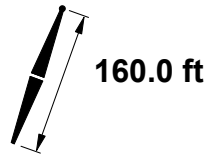
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
40	79.6	184.7	59,000							40
45	78.0	183.7	59,000	79.6	182.9	59,000				45
50	76.3	182.5	59,000	78.0	181.6	58,600	79.7	179.8	49,300	50
55	74.7	181.1	59,000	76.3	180.3	57,900	78.0	178.4	47,400	55
60	73.0	179.6	59,000	74.7	178.7	57,200	76.3	176.8	45,800	60
65	71.3	177.9	59,000	73.0	177.0	56,500	74.6	175.1	44,200	65
70	69.6	176.0	59,000	71.3	175.2	55,900	72.9	173.2	42,800	70
75	67.9	174.0	58,200	69.5	173.1	55,200	71.1	171.2	41,500	75
80	66.2	171.8	57,400	67.8	170.9	54,700	69.4	168.9	40,300	80
85	64.4	169.4	55,800	66.0	168.5	54,100	67.6	166.5	39,100	85
90	62.6	166.8	51,300	64.2	165.9	52,100	65.7	163.9	38,100	90
95	60.8	164.1	47,300	62.4	163.1	48,100	63.9	161.1	37,100	95
100	59.0	161.1	43,800	60.5	160.1	44,500	62.0	158.0	36,200	100
105	57.1	157.8	40,600	58.6	156.9	41,200	60.1	154.7	35,300	105
110	55.1	154.4	37,800	56.7	153.4	38,300	58.1	151.2	34,500	110
115	53.1	150.7	35,200	54.7	149.6	35,700	56.0	147.4	33,800	115
120	51.1	146.7	32,800	52.6	145.6	33,300	54.0	143.3	33,100	120
125	49.0	142.3	30,700	50.5	141.3	31,100	51.8	138.8	31,500	125
130	46.8	137.7	28,700	48.3	136.6	29,100	49.6	134.1	29,500	130
135	44.6	132.7	26,900	46.0	131.5	27,300	47.2	128.9	27,600	135
140	42.2	127.2	25,200	43.7	126.0	25,500	44.8	123.3	25,800	140
145	39.8	121.3	23,600	41.2	120.0	23,900	42.3	117.1	24,200	145
150	37.1	114.8	22,200	38.5	113.5	22,400				150
155	34.4	107.7	20,800	35.7	106.2	21,100				155
160	31.4	99.7	19,500	32.7	98.1	19,700				160
165	28.1	90.6	18,300							165
170	24.4	80.1	17,200							170
175	20.0	67.3	16,100							175

MLC250 S-2

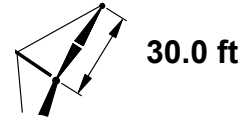
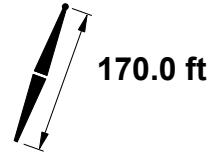
ASME B30.5



	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
40	80.2	194.9	59,000							40
45	78.6	193.9	59,000	80.2	193.1	59,000				45
50	77.1	192.8	59,000	78.6	191.9	58,700	80.2	190.1	49,900	50
55	75.5	191.5	59,000	77.1	190.6	57,900	78.7	188.8	48,200	55
60	73.9	190.0	59,000	75.5	189.2	57,300	77.1	187.3	46,500	60
65	72.4	188.5	59,000	73.9	187.6	56,600	75.5	185.7	45,000	65
70	70.8	186.7	59,000	72.3	185.9	56,000	73.8	183.9	43,600	70
75	69.2	184.8	58,500	70.7	183.9	55,400	72.2	182.0	42,300	75
80	67.5	182.7	57,800	69.1	181.9	54,900	70.5	179.9	41,100	80
85	65.9	180.5	55,400	67.4	179.6	54,300	68.9	177.6	39,900	85
90	64.2	178.1	50,900	65.7	177.2	51,800	67.2	175.2	38,900	90
95	62.5	175.5	46,900	64.0	174.6	47,700	65.4	172.5	37,900	95
100	60.8	172.7	43,400	62.3	171.8	44,100	63.7	169.7	37,000	100
105	59.0	169.7	40,200	60.5	168.8	40,900	61.9	166.6	36,100	105
110	57.2	166.5	37,400	58.7	165.6	38,000	60.0	163.4	35,300	110
115	55.4	163.1	34,800	56.9	162.1	35,400	58.2	159.9	34,600	115
120	53.5	159.4	32,400	55.0	158.4	33,000	56.3	156.1	33,500	120
125	51.6	155.5	30,300	53.0	154.4	30,800	54.3	152.1	31,200	125
130	49.6	151.3	28,300	51.1	150.2	28,800	52.3	147.8	29,200	130
135	47.6	146.7	26,500	49.0	145.6	26,900	50.2	143.1	27,300	135
140	45.5	141.9	24,800	46.9	140.7	25,200	48.0	138.1	25,500	140
145	43.3	136.6	23,300	44.7	135.4	23,600	45.8	132.7	23,900	145
150	41.0	131.0	21,800	42.4	129.7	22,100	43.4	126.9	22,400	150
155	38.6	124.8	20,500	40.0	123.5	20,700				155
160	36.1	118.1	19,200	37.4	116.7	19,400				160
165	33.4	110.6	18,000	34.7	109.1	18,200				165
170	30.5	102.4	16,900	31.7	100.7	17,100				170
175	27.3	93.0	15,800							175
180	23.7	82.2	14,800							180

MLC250 S-2

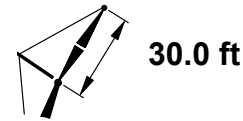
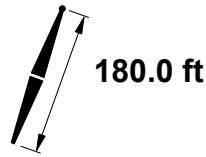
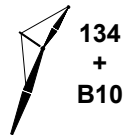
ASME B30.5



ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
40	80.7	205.1	59,000							40
45	79.2	204.1	59,000	80.7	203.3	59,000				45
50	77.7	203.0	59,000	79.2	202.2	58,600				50
55	76.3	201.8	59,000	77.7	201.0	57,900	80.7	200.3	50,500	55
60	74.8	200.5	59,000	76.3	199.6	57,300	79.2	199.1	48,800	60
65	73.3	199.0	59,000	74.8	198.1	56,700	77.7	197.7	47,200	65
70	71.8	197.3	59,000	73.2	196.5	56,100	76.2	196.2	45,700	70
75	70.2	195.5	58,700	71.7	194.7	55,600	74.7	194.5	44,300	75
80	68.7	193.6	58,000	70.2	192.7	55,000	73.1	192.7	43,000	80
85	67.2	191.5	55,000	68.6	190.6	54,500	71.6	190.7	41,800	85
90	65.6	189.2	50,500	67.0	188.3	51,400	70.0	188.6	40,700	90
95	64.0	186.8	46,500	65.4	185.9	47,300	68.4	186.3	39,600	95
100	62.4	184.2	43,000	63.8	183.2	43,700	66.8	183.8	38,700	100
105	60.7	181.4	39,800	62.2	180.4	40,500	65.1	181.2	37,700	105
110	59.1	178.4	36,900	60.5	177.4	37,600	63.5	178.3	36,900	110
115	57.4	175.2	34,300	58.8	174.2	35,000	61.8	175.3	36,100	115
120	55.6	171.8	32,000	57.0	170.8	32,600	60.0	172.0	35,300	120
125	53.9	168.2	29,800	55.2	167.2	30,400	58.3	168.6	33,100	125
130	52.1	164.3	27,900	53.4	163.3	28,400	56.5	164.9	30,800	130
135	50.2	160.2	26,000	51.5	159.1	26,500	54.6	160.9	28,800	135
140	48.3	155.7	24,400	49.6	154.6	24,800	52.7	156.7	26,900	140
145	46.3	151.0	22,800	47.6	149.9	23,200	50.8	152.1	25,100	145
150	44.3	145.9	21,400	45.6	144.7	21,700	48.7	147.3	23,500	150
155	42.1	140.5	20,000	43.4	139.2	20,300	46.6	142.0	22,000	155
160	39.9	134.6	18,700	41.2	133.3	19,000	44.5	136.4	20,600	160
165	37.6	128.2	17,600	38.8	126.8	17,800	42.2	130.3	19,300	165
170	35.1	121.2	16,400	36.4	119.7	16,700				170
175	32.5	113.5	15,400	33.7	112.0	15,600				175
180	29.7	105.0	14,400	30.8	103.3	14,600				180
185	26.6	95.3	13,500							185
190	23.1	84.2	12,600							190

MLC250 S-2

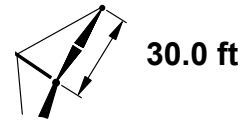
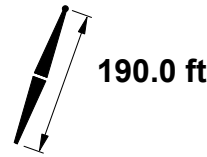
ASME B30.5



ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
45	79.7	214.3	59,000							45
50	78.3	213.3	59,000	79.8	212.5	58,500				50
55	76.9	212.1	59,000	78.3	211.3	57,900	79.8	209.4	49,400	55
60	75.5	210.8	59,000	76.9	210.0	57,300	78.4	208.1	47,800	60
65	74.1	209.4	59,000	75.5	208.6	56,700	76.9	206.6	46,400	65
70	72.7	207.9	59,000	74.1	207.0	56,200	75.5	205.1	45,000	70
75	71.2	206.2	58,900	72.6	205.3	55,600	74.0	203.3	43,700	75
80	69.8	204.3	58,100	71.2	203.4	55,200	72.5	201.5	42,500	80
85	68.3	202.3	54,600	69.7	201.4	54,600	71.0	199.4	41,400	85
90	66.8	200.2	50,100	68.2	199.3	51,000	69.5	197.3	40,400	90
95	65.3	197.9	46,100	66.7	197.0	47,000	68.0	195.0	39,400	95
100	63.8	195.5	42,600	65.2	194.5	43,400	66.5	192.5	38,500	100
105	62.3	192.8	39,400	63.6	191.9	40,100	64.9	189.8	37,600	105
110	60.7	190.0	36,500	62.0	189.1	37,200	63.3	187.0	36,800	110
115	59.1	187.1	33,900	60.5	186.1	34,600	61.7	183.9	35,200	115
120	57.5	183.9	31,600	58.8	182.9	32,200	60.0	180.7	32,800	120
125	55.8	180.5	29,400	57.2	179.5	30,000	58.4	177.2	30,500	125
130	54.2	176.9	27,500	55.5	175.9	28,000	56.7	173.6	28,500	130
135	52.5	173.1	25,700	53.8	172.0	26,100	54.9	169.7	26,600	135
140	50.7	169.0	24,000	52.0	168.0	24,400	53.1	165.5	24,800	140
145	48.9	164.7	22,400	50.2	163.6	22,800	51.3	161.1	23,200	145
150	47.0	160.1	21,000	48.3	158.9	21,400	49.4	156.4	21,700	150
155	45.1	155.1	19,600	46.4	154.0	20,000	47.4	151.3	20,300	155
160	43.1	149.9	18,400	44.4	148.6	18,700	45.3	145.9	18,900	160
165	41.1	144.2	17,200	42.3	142.9	17,500	43.2	140.0	17,700	165
170	38.9	138.1	16,100	40.1	136.7	16,300				170
175	36.6	131.5	15,000	37.8	130.0	15,300				175
180	34.3	124.3	14,000	35.4	122.8	14,200				180
185	31.7	116.3	13,100	32.8	114.7	13,300				185
190	28.9	107.5	12,200							190
195	25.9	97.6	11,400							195
200	22.5	86.1	10,600							200

MLC250 S-2

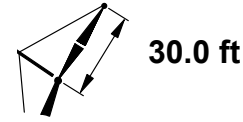
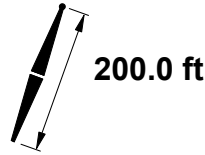
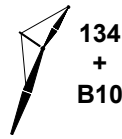
ASME B30.5



ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
45	80.2	224.5	59,000	80.2	222.7	58,500				45
50	78.9	223.5	59,000	78.9	221.6	57,800				50
55	77.5	222.4	59,000	77.5	220.3	57,300	80.3	219.7	50,000	55
60	76.2	221.2	59,000	76.2	219.0	56,700	78.9	218.4	48,400	60
65	74.8	219.8	59,000	74.8	217.5	56,200	77.5	217.0	47,000	65
70	73.5	218.4	59,000	73.5	215.9	55,600	76.2	215.5	45,600	70
75	72.1	216.7	59,000	72.1	214.1	55,100	74.8	213.9	44,400	75
80	70.7	215.0	58,200	70.7	212.2	54,700	73.4	212.1	43,200	80
85	69.3	213.1	54,100	69.3	210.2	50,500	72.0	210.2	42,100	85
90	67.9	211.1	49,600	67.8	208.0	46,500	70.5	208.2	41,100	90
95	66.5	208.9	45,600	66.4	205.7	42,900	69.1	206.0	40,100	95
100	65.1	206.6	42,000	64.9	203.2	39,600	67.6	203.6	39,200	100
105	63.6	204.1	38,800	63.5	200.6	36,700	66.2	201.1	38,300	105
110	62.2	201.5	36,000	62.0	197.7	34,100	64.7	198.4	37,400	110
115	60.7	198.7	33,400	60.4	194.7	31,700	63.2	195.6	34,700	115
120	59.2	195.7	31,000	58.9	191.6	29,500	61.6	192.6	32,300	120
125	57.6	192.6	28,900	57.3	188.2	27,500	60.0	189.3	30,000	125
130	56.0	189.2	26,900	55.7	184.6	25,600	58.4	185.9	28,000	130
135	54.4	185.7	25,100	54.1	180.8	23,900	56.8	182.3	26,100	135
140	52.8	181.9	23,400	52.4	176.8	22,300	55.2	178.5	24,300	140
145	51.1	177.9	21,800	50.7	172.5	20,800	53.5	174.4	22,700	145
150	49.4	173.6	20,400	48.9	168.0	19,400	51.7	170.0	21,200	150
155	47.7	169.1	19,000	47.1	163.1	18,100	49.9	165.4	19,800	155
160	45.9	164.3	17,800	45.2	158.0	16,900	48.1	160.5	18,400	160
165	44.0	159.2	16,600	43.2	152.4	15,800	46.1	155.2	17,200	165
170	42.1	153.7	15,500	41.2	146.5	14,700	44.2	149.6	16,000	170
175	40.1	147.8	14,400	39.1	140.1	13,700	42.1	143.5	14,900	175
180	38.0	141.5	13,500	36.9	133.2	12,700				180
185	35.8	134.7	12,500	34.5	125.7	11,800				185
190	33.4	127.2	11,600	32.0	117.4	11,000				190
195	30.9	119.1	10,800							195
200	28.2	110.0	10,000							200
205	25.3	99.8	9,200							205
210	21.9	88.0	8,500							210

MLC250 S-2

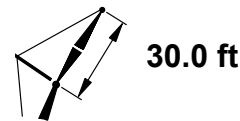
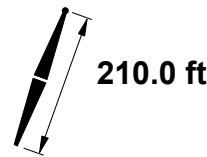
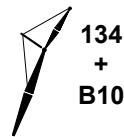
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
45	80.6	234.7	59,000							45
50	79.4	233.7	59,000							50
55	78.1	232.7	59,000							55
60	76.8	231.5	59,000							60
65	75.5	230.2	59,000							65
70	74.2	228.8	59,000							70
75	72.9	227.3	58,900							75
80	71.6	225.6	58,300							80
85	70.3	223.8	53,700							85
90	68.9	221.9	49,100							90
95	67.6	219.8	45,200							95
100	66.2	217.6	41,600							100
105	64.9	215.3	38,400							105
110	63.5	212.8	35,600							110
115	62.1	210.2	33,000							115
120	60.6	207.4	30,600							120
125	59.2	204.4	28,500							125
130	57.7	201.2	26,500							130
135	56.2	197.9	24,700							135
140	54.7	194.4	23,000							140
145	53.1	190.7	21,400							145
150	51.6	186.7	20,000							150
155	49.9	182.5	18,600							155
160	48.3	178.1	17,400							160
165	46.6	173.4	16,200							165
170	44.8	168.4	15,100							170
175	43.0	163.1	14,000							175
180	41.1	157.4	13,000							180
185	39.1	151.3	12,100							185
190	37.1	144.8	11,200							190
195	34.9	137.8	10,400							195
200	32.7	130.1	9,600							200
205	30.2	121.7	8,800							205
210	27.6	112.4	8,100							210
215	24.7	102.0	7,400							215
220	21.4	89.9	6,800							220

MLC250 S-2

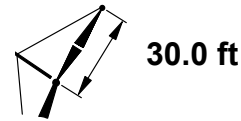
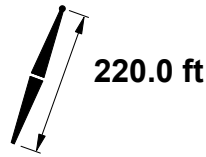
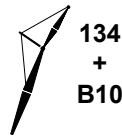
ASME B30.5



ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
45	81.0	244.8	59,000							45
50	79.8	243.9	59,000							50
55	78.6	242.9	59,000	79.8	242.0	57,400				55
60	77.4	241.8	59,000	78.6	240.9	56,900	79.9	239.0	49,500	60
65	76.1	240.6	59,000	77.4	239.7	56,400	78.6	237.7	48,100	65
70	74.9	239.2	59,000	76.1	238.3	56,000	77.4	236.4	46,800	70
75	73.7	237.7	58,900	74.9	236.9	55,500	76.1	234.9	45,600	75
80	72.4	236.2	58,200	73.6	235.3	55,000	74.8	233.3	44,400	80
85	71.1	234.4	53,200	72.4	233.6	54,400	73.6	231.6	43,300	85
90	69.9	232.6	48,700	71.1	231.7	49,800	72.3	229.7	42,300	90
95	68.6	230.7	44,700	69.8	229.8	45,700	71.0	227.7	41,400	95
100	67.3	228.6	41,100	68.5	227.7	42,100	69.7	225.6	40,500	100
105	66.0	226.3	37,900	67.2	225.4	38,800	68.3	223.3	39,600	105
110	64.7	224.0	35,100	65.9	223.0	35,900	67.0	221.0	36,700	110
115	63.3	221.5	32,500	64.5	220.5	33,200	65.6	218.4	34,000	115
120	62.0	218.8	30,100	63.2	217.9	30,800	64.3	215.7	31,500	120
125	60.6	216.0	28,000	61.8	215.0	28,600	62.9	212.9	29,300	125
130	59.2	213.1	26,000	60.4	212.1	26,600	61.5	209.9	27,200	130
135	57.8	209.9	24,200	59.0	208.9	24,800	60.0	206.7	25,300	135
140	56.4	206.6	22,500	57.5	205.6	23,000	58.6	203.3	23,500	140
145	54.9	203.1	20,900	56.1	202.1	21,400	57.1	199.7	21,900	145
150	53.4	199.4	19,500	54.6	198.4	20,000	55.6	196.0	20,400	150
155	51.9	195.5	18,100	53.1	194.4	18,600	54.1	192.0	19,000	155
160	50.4	191.4	16,900	51.5	190.3	17,300	52.5	187.8	17,700	160
165	48.8	187.1	15,700	49.9	185.9	16,100	50.9	183.4	16,400	165
170	47.2	182.5	14,600	48.3	181.3	14,900	49.2	178.7	15,300	170
175	45.5	177.6	13,500	46.6	176.4	13,900	47.5	173.7	14,200	175
180	43.8	172.4	12,600	44.9	171.2	12,900	45.7	168.4	13,100	180
185	42.0	166.9	11,600	43.1	165.6	11,900	43.9	162.8	12,100	185
190	40.2	161.1	10,700	41.2	159.7	11,000	42.0	156.7	11,200	190
195	38.3	154.8	9,900	39.3	153.4	10,200				195
200	36.3	148.1	9,100	37.3	146.6	9,300				200
205	34.2	140.8	8,400	35.2	139.3	8,600				205
210	31.9	133.0	7,700	32.9	131.3	7,800				210
215	29.6	124.4	7,000	30.5	122.6	7,100				215
220	27.0	114.8	6,300							220
225	24.2	104.1	5,700							225
230	21.0	91.7	5,100							230

MLC250 S-2

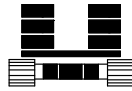
ASME B30.5



	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
50	80.2	254.1	59,000							50
55	79.1	253.1	59,000							55
60	77.9	252.0	59,000							60
65	76.7	250.9	59,000							65
70	75.5	249.6	59,000							70
75	74.3	248.2	58,700							75
80	73.1	246.7	58,000							80
85	71.9	245.0	52,800							85
90	70.7	243.3	48,300							90
95	69.5	241.4	44,300							95
100	68.3	239.4	40,700							100
105	67.0	237.3	37,500							105
110	65.8	235.1	34,700							110
115	64.5	232.7	32,100							115
120	63.2	230.2	29,700							120
125	61.9	227.5	27,500							125
130	60.6	224.7	25,600							130
135	59.3	221.7	23,700							135
140	57.9	218.6	22,100							140
145	56.5	215.3	20,500							145
150	55.1	211.8	19,100							150
155	53.7	208.2	17,700							155
160	52.3	204.3	16,400							160
165	50.8	200.3	15,300							165
170	49.3	196.0	14,200							170
175	47.7	191.5	13,100							175
180	46.2	186.7	12,100							180
185	44.5	181.7	11,200							185
190	42.9	176.3	10,300							190
195	41.1	170.6	9,500							195
200	39.3	164.6	8,700							200
205	37.5	158.2	8,000							205
210	35.5	151.3	7,200							210
215	33.4	143.8	6,600							215
220	31.3	135.7	5,900							220
225	28.9	126.9	5,300							225
230	26.4	117.1	4,700							230
235	23.7	106.1	4,100							235

MLC250 S-2

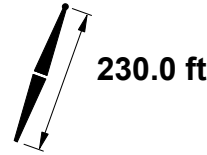
ASME B30.5



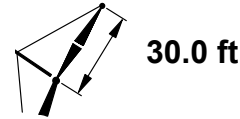
184,600 lb
+
44,000 lb



360°



230.0 ft

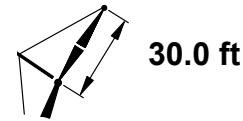
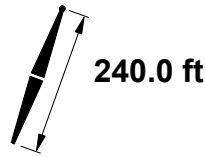


30.0 ft

ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
50	80.6	264.3	59,000							50
55	79.5	263.3	59,000	80.6	262.5	56,800				55
60	78.4	262.3	59,000	79.5	261.4	56,400	80.7	259.5	50,500	60
65	77.2	261.2	59,000	78.4	260.3	55,900	79.5	258.3	49,100	65
70	76.1	259.9	59,000	77.2	259.0	55,500	78.4	257.1	47,800	70
75	74.9	258.6	58,500	76.1	257.7	55,100	77.2	255.7	46,700	75
80	73.8	257.1	57,500	74.9	256.2	54,600	76.1	254.2	45,500	80
85	72.6	255.6	52,300	73.8	254.7	53,500	74.9	252.7	44,500	85
90	71.5	253.9	47,700	72.6	253.0	48,900	73.7	251.0	43,500	90
95	70.3	252.1	43,700	71.4	251.2	44,800	72.5	249.2	42,500	95
100	69.1	250.2	40,100	70.3	249.3	41,100	71.3	247.2	41,600	100
105	67.9	248.2	37,000	69.1	247.3	37,900	70.1	245.2	38,800	105
110	66.7	246.0	34,100	67.9	245.1	35,000	68.9	243.0	35,800	110
115	65.5	243.8	31,500	66.6	242.8	32,300	67.7	240.7	33,100	115
120	64.3	241.4	29,100	65.4	240.4	29,900	66.5	238.3	30,600	120
125	63.1	238.8	27,000	64.2	237.9	27,700	65.2	235.7	28,400	125
130	61.8	236.2	25,000	62.9	235.2	25,700	63.9	233.0	26,300	130
135	60.6	233.3	23,200	61.6	232.4	23,800	62.7	230.2	24,400	135
140	59.3	230.4	21,500	60.4	229.4	22,100	61.4	227.1	22,600	140
145	58.0	227.3	19,900	59.1	226.3	20,500	60.0	224.0	21,000	145
150	56.7	224.0	18,500	57.7	223.0	19,000	58.7	220.7	19,500	150
155	55.3	220.5	17,100	56.4	219.5	17,600	57.3	217.2	18,100	155
160	54.0	216.9	15,800	55.0	215.9	16,300	56.0	213.5	16,700	160
165	52.6	213.1	14,700	53.6	212.0	15,100	54.5	209.6	15,500	165
170	51.2	209.1	13,600	52.2	208.0	14,000	53.1	205.5	14,300	170
175	49.7	204.9	12,500	50.8	203.8	12,900	51.6	201.2	13,200	175
180	48.3	200.5	11,500	49.3	199.3	11,900	50.1	196.7	12,200	180
185	46.8	195.8	10,600	47.8	194.6	10,900	48.6	192.0	11,200	185
190	45.2	190.9	9,700	46.2	189.6	10,000	47.0	186.9	10,300	190
195	43.6	185.7	8,900	44.6	184.4	9,200	45.4	181.6	9,400	195
200	42.0	180.1	8,100	43.0	178.9	8,400	43.7	175.9	8,600	200
205	40.3	174.3	7,300	41.2	173.0	7,600	42.0	170.0	7,800	205
210	38.5	168.1	6,600	39.5	166.7	6,900				210
215	36.7	161.5	6,000	37.6	160.0	6,200				215
220	34.8	154.4	5,300	35.7	152.8	5,500				220
225	32.8	146.7	4,700	33.7	145.1	4,900				225
230	30.6	138.5	4,100	31.5	136.7	4,200				230

MLC250 S-2

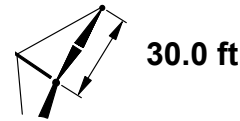
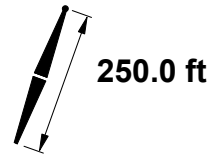
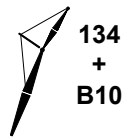
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
50	81.0	274.4	59,000							50
55	79.9	273.5	59,000							55
60	78.8	272.5	59,000							60
65	77.7	271.4	59,000							65
70	76.6	270.2	58,600							70
75	75.5	268.9	58,000							75
80	74.4	267.5	57,000							80
85	73.3	266.0	51,800							85
90	72.2	264.4	47,300							90
95	71.1	262.7	43,300							95
100	69.9	260.9	39,700							100
105	68.8	259.0	36,500							105
110	67.7	256.9	33,600							110
115	66.5	254.7	31,000							115
120	65.3	252.5	28,700							120
125	64.2	250.0	26,500							125
130	63.0	247.5	24,500							130
135	61.8	244.8	22,700							135
140	60.5	242.0	21,000							140
145	59.3	239.0	19,500							145
150	58.1	235.9	18,000							150
155	56.8	232.7	16,700							155
160	55.5	229.2	15,400							160
165	54.2	225.7	14,200							165
170	52.9	221.9	13,100							170
175	51.5	217.9	12,100							175
180	50.1	213.8	11,100							180
185	48.7	209.4	10,100							185
190	47.3	204.8	9,300							190
195	45.8	200.0	8,400							195
200	44.3	194.9	7,700							200
205	42.7	189.6	6,900							205
210	41.1	183.9	6,200							210
215	39.5	177.9	5,500							215
220	37.8	171.5	4,900							220
225	36.0	164.7	4,200							225

MLC250 S-2

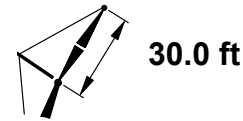
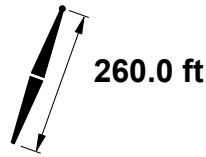
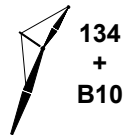
ASME B30.5



ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
55	80.2	283.7	59,000							55
60	79.2	282.7	59,000	80.3	281.8	55,500				60
65	78.2	281.7	58,700	79.2	280.8	55,200	80.3	278.8	50,000	65
70	77.1	280.5	58,100	78.2	279.6	54,800	79.2	277.7	48,800	70
75	76.0	279.3	57,600	77.1	278.4	54,400	78.2	276.4	47,600	75
80	75.0	277.9	57,000	76.0	277.0	54,000	77.1	275.1	46,500	80
85	73.9	276.5	52,000	75.0	275.6	53,300	76.0	273.6	45,500	85
90	72.9	275.0	47,500	73.9	274.1	48,700	74.9	272.0	44,500	90
95	71.8	273.3	43,500	72.8	272.4	44,600	73.8	270.4	43,600	95
100	70.7	271.6	39,900	71.7	270.7	40,900	72.8	268.6	41,900	100
105	69.6	269.7	36,700	70.6	268.8	37,700	71.6	266.7	38,600	105
110	68.5	267.7	33,800	69.5	266.8	34,700	70.5	264.7	35,600	110
115	67.4	265.7	31,200	68.4	264.7	32,100	69.4	262.6	32,900	115
120	66.3	263.5	28,800	67.3	262.5	29,600	68.3	260.4	30,400	120
125	65.1	261.2	26,700	66.2	260.2	27,400	67.1	258.1	28,200	125
130	64.0	258.7	24,700	65.0	257.8	25,400	66.0	255.6	26,100	130
135	62.9	256.2	22,900	63.9	255.2	23,500	64.8	253.0	24,200	135
140	61.7	253.5	21,200	62.7	252.5	21,800	63.7	250.3	22,400	140
145	60.5	250.7	19,600	61.5	249.7	20,200	62.5	247.4	20,800	145
150	59.3	247.7	18,200	60.3	246.7	18,700	61.3	244.4	19,300	150
155	58.1	244.6	16,800	59.1	243.6	17,400	60.0	241.3	17,900	155
160	56.9	241.4	15,600	57.9	240.3	16,100	58.8	238.0	16,500	160
165	55.7	238.0	14,400	56.7	236.9	14,900	57.5	234.6	15,300	165
170	54.4	234.4	13,300	55.4	233.3	13,700	56.3	230.9	14,100	170
175	53.1	230.7	12,200	54.1	229.6	12,700	55.0	227.1	13,000	175
180	51.8	226.7	11,200	52.8	225.6	11,700	53.6	223.2	12,000	180
185	50.5	222.6	10,300	51.5	221.5	10,700	52.3	219.0	11,000	185
190	49.2	218.3	9,400	50.1	217.2	9,800	50.9	214.6	10,100	190
195	47.8	213.8	8,600	48.7	212.7	9,000	49.5	210.0	9,200	195
200	46.4	209.1	7,800	47.3	207.9	8,100	48.1	205.2	8,400	200
205	44.9	204.1	7,100	45.9	202.9	7,400	46.6	200.1	7,600	205
210	43.5	198.9	6,400	44.4	197.6	6,600	45.1	194.8	6,900	210
215	41.9	193.4	5,700	42.8	192.1	5,900	43.5	189.1	6,100	215
220	40.4	187.5	5,000	41.3	186.2	5,300	41.9	183.2	5,500	220
225	38.7	181.4	4,400	39.6	180.0	4,600				225
230				37.9	173.4	4,000				230

MLC250 S-2

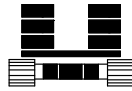
ASME B30.5



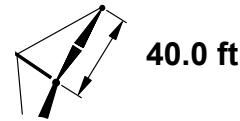
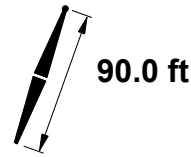
	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
55	80.6	293.8	59,000							55
60	79.6	292.9	58,500							60
65	78.6	291.9	58,000				80.6	289.0	50,400	65
70	77.6	290.8	57,500	80.6	292.0	55,000	79.6	287.9	49,200	70
75	76.5	289.6	57,000	79.6	291.0	54,600	78.6	287.9	49,200	75
80	75.5	288.3	56,500	78.6	289.9	54,200	77.6	286.7	48,100	80
85	74.5	286.9	51,600	77.6	288.7	53,900	76.5	285.4	47,000	85
90	73.5	285.4	47,000	76.5	287.4	53,500	75.5	284.0	46,000	90
95	72.4	283.9	43,000	75.5	286.0	52,900	74.5	282.5	45,000	95
100	71.4	282.2	39,500	74.5	284.5	48,300	74.4	280.9	44,100	100
105	70.3	280.4	36,300	73.4	282.9	44,200	73.4	279.2	41,600	105
110	69.3	278.5	33,400	72.4	281.3	40,500	72.3	277.4	38,200	110
115	68.2	276.5	30,800	71.3	279.5	37,300	71.3	275.5	35,200	115
120	67.1	274.4	28,400	70.3	277.6	34,300	70.2	273.5	32,500	120
125	66.1	272.2	26,200	69.2	275.6	31,700	69.1	271.4	30,000	125
130	65.0	269.8	24,300	68.1	273.5	29,200	68.0	269.1	27,800	130
135	63.9	267.4	22,400	67.1	271.2	27,000	66.9	266.8	25,700	135
140	62.8	264.8	20,700	66.0	268.9	25,000	65.8	264.3	23,800	140
145	61.6	262.1	19,200	64.9	266.4	23,100	64.7	261.7	22,000	145
150	60.5	259.3	17,700	63.7	263.9	21,400	63.5	258.9	20,400	150
155	59.4	256.4	16,400	62.6	261.2	19,800	62.4	256.1	18,900	155
160	58.2	253.3	15,100	61.5	258.3	18,300	61.2	253.1	17,500	160
165	57.0	250.0	13,900	60.3	255.4	16,900	60.0	250.0	16,100	165
170	55.8	246.7	12,800	59.2	252.3	15,600	58.8	246.7	14,900	170
175	54.6	243.1	11,800	58.0	249.0	14,400	57.6	243.3	13,700	175
180	53.4	239.4	10,800	56.8	245.6	13,300	56.4	239.7	12,600	180
185	52.1	235.5	9,900	55.6	242.1	12,200	55.2	235.9	11,600	185
190	50.9	231.5	9,000	54.3	238.3	11,200	53.9	232.0	10,600	190
195	49.6	227.3	8,200	53.1	234.4	10,300	52.6	227.9	9,700	195
200	48.3	222.8	7,400	51.8	230.4	9,400	51.3	223.6	8,800	200
205	46.9	218.2	6,600	50.5	226.1	8,500	49.9	219.0	8,000	205
210	45.5	213.3	5,900	49.2	221.7	7,700	48.6	214.3	7,200	210
215	44.1	208.2	5,200	47.8	217.0	6,900	47.2	209.3	6,500	215
220	42.7	202.8	4,600	46.4	212.1	6,200	45.7	204.1	5,700	220
225	41.2	197.1	4,000	45.0	206.9	5,500	44.2	198.6	5,100	225
				43.5	201.5	4,900	42.7	192.8	4,400	
				42.0	195.8	4,200				

MLC250 S-2

ASME B30.5



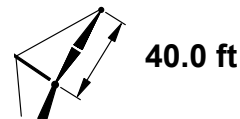
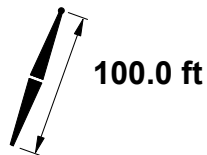
184,600 lb
+
44,000 lb



ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
30	80.7	135.7	55,300							30
35	78.5	134.6	53,600							35
40	76.2	133.3	52,200	79.3	132.3	48,200				40
45	73.9	131.8	50,800	77.0	130.8	47,300	80.1	128.6	39,400	45
50	71.6	130.1	49,500	74.6	129.0	46,400	77.7	126.8	37,400	50
55	69.2	128.1	48,400	72.2	127.1	45,500	75.2	124.8	35,600	55
60	66.8	125.9	47,300	69.8	124.8	44,700	72.8	122.5	34,000	60
65	64.3	123.4	46,100	67.3	122.3	44,100	70.2	120.0	32,500	65
70	61.8	120.7	45,200	64.8	119.6	41,900	67.6	117.1	31,200	70
75	59.2	117.7	44,300	62.1	116.5	39,700	65.0	114.0	30,000	75
80	56.6	114.3	43,500	59.5	113.1	37,800	62.2	110.5	29,000	80
85	53.8	110.6	42,800	56.7	109.3	36,000	59.3	106.6	28,000	85
90	51.0	106.5	41,000	53.8	105.2	34,500	56.4	102.4	27,100	90
95	48.0	101.9	38,900	50.8	100.5	33,000	53.3	97.6	26,300	95
100	44.8	96.8	37,000	47.6	95.4	31,700	50.0	92.3	25,600	100
105	41.5	91.2	35,400	44.2	89.6	30,600	46.4	86.2	25,000	105
110	37.9	84.7	33,800	40.5	83.0	29,500				110
115	34.0	77.3	32,400	36.5	75.5	28,600				115
120	29.6	68.7	31,100	31.9	66.5	27,800				120
125	24.4	58.0	30,000							125

MLC250 S-2

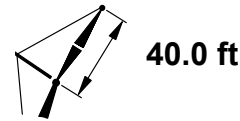
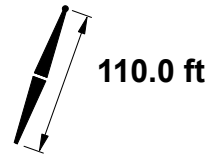
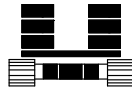
ASME B30.5



	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
35	79.3	144.9	54,100							35
40	77.2	143.7	52,700	80.1	142.6	48,500				40
45	75.1	142.3	51,400	77.9	141.2	47,500	80.8	139.0	40,200	45
50	72.9	140.7	50,200	75.8	139.6	46,700	78.6	137.3	38,200	50
55	70.8	138.9	49,000	73.6	137.8	46,000	76.4	135.5	36,400	55
60	68.6	136.9	47,900	71.3	135.8	45,200	74.1	133.4	34,800	60
65	66.3	134.6	46,900	69.1	133.5	44,500	71.8	131.1	33,400	65
70	64.0	132.1	46,000	66.8	131.0	43,800	69.5	128.5	32,100	70
75	61.7	129.4	45,100	64.4	128.2	41,600	67.0	125.7	31,000	75
80	59.3	126.3	44,300	62.0	125.1	39,600	64.6	122.5	29,900	80
85	56.8	123.0	43,500	59.5	121.8	37,800	62.0	119.1	28,900	85
90	54.3	119.3	42,800	56.9	118.1	36,100	59.4	115.3	28,000	90
95	51.7	115.3	41,600	54.3	114.0	34,700	56.7	111.2	27,200	95
100	48.9	110.9	39,600	51.5	109.5	33,400	53.8	106.6	26,500	100
105	46.1	106.1	37,700	48.6	104.6	32,100	50.8	101.5	25,800	105
110	43.1	100.7	36,100	45.6	99.1	31,000	47.7	95.8	25,200	110
115	39.9	94.7	34,600	42.3	93.0	30,000	44.3	89.4	24,700	115
120	36.4	87.9	33,200	38.8	86.1	29,100				120
125	32.7	80.2	32,000	34.9	78.2	28,300				125
130	28.4	71.1	30,800							130
135	23.4	60.0	29,700							135

MLC250 S-2

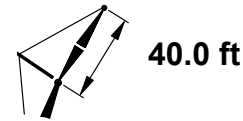
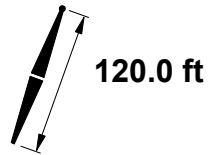
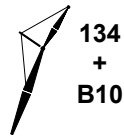
ASME B30.5



ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
35	80.0	155.1	54,400							35
40	78.1	154.0	53,000	80.8	152.9	48,600				40
45	76.1	152.7	51,800	78.8	151.6	47,800				45
50	74.1	151.2	50,600	76.8	150.1	47,100	79.4	147.8	38,900	50
55	72.1	149.5	49,600	74.7	148.4	46,300	77.4	146.1	37,200	55
60	70.1	147.7	48,500	72.7	146.5	45,600	75.3	144.2	35,600	60
65	68.0	145.6	47,600	70.6	144.4	45,000	73.2	142.0	34,200	65
70	65.9	143.3	46,600	68.5	142.1	44,300	71.0	139.7	33,000	70
75	63.7	140.8	45,800	66.3	139.6	43,300	68.8	137.1	31,800	75
80	61.6	138.0	44,900	64.1	136.8	41,300	66.5	134.2	30,700	80
85	59.3	135.0	44,200	61.9	133.8	39,500	64.2	131.1	29,700	85
90	57.0	131.7	43,500	59.5	130.4	37,800	61.9	127.7	28,900	90
95	54.7	128.1	42,900	57.2	126.8	36,300	59.4	124.0	28,000	95
100	52.3	124.2	42,000	54.7	122.8	34,900	56.9	119.9	27,300	100
105	49.7	119.9	40,100	52.2	118.5	33,700	54.3	115.5	26,600	105
110	47.1	115.2	38,300	49.5	113.7	32,500	51.6	110.6	26,000	110
115	44.4	110.1	36,800	46.7	108.5	31,400	48.7	105.2	25,400	115
120	41.5	104.4	35,200	43.8	102.7	30,500	45.7	99.2	24,900	120
125	38.4	98.1	33,000	40.6	96.3	29,600				125
130	35.1	91.0	31,000	37.3	89.1	28,800				130
135	31.5	82.9	29,200	33.5	80.8	28,100				135
140	27.4	73.4	27,500							140
145	22.5	61.8	25,900							145

MLC250 S-2

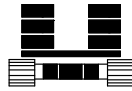
ASME B30.5



	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
35	80.7		165.3							35
40	78.8		164.2							40
45	77.0		163.0							45
50	75.1		161.6		79.5	161.9	48,000			50
55	73.3		160.1		77.6	160.5	47,200	80.1	158.2	39,500
60	71.4		158.4		75.7	159.0	46,500	78.2	156.6	37,900
65	69.4		156.4		73.8	157.2	45,800	76.3	154.8	36,300
70	67.5		154.3		71.9	155.3	45,300	74.3	152.8	35,000
75	65.5		152.0		69.9	153.1	44,700	72.3	150.7	33,700
80	63.5		149.4		67.9	150.8	44,200	70.3	148.3	32,600
85	61.5		146.7		65.9	148.2	43,000	68.2	145.7	31,500
90	59.4		143.7		63.8	145.4	41,000	66.1	142.8	30,500
95	57.2		140.4		61.7	142.4	39,300	64.0	139.7	29,600
100	55.0		136.8		59.6	139.1	37,800	61.8	136.3	28,800
105	52.8		133.0		57.4	135.5	36,400	59.5	132.7	28,000
110	50.4		128.8		55.1	131.6	35,100	57.1	128.7	27,300
115	48.0		124.3		52.7	127.4	33,900	54.7	124.4	26,700
120	45.5		119.3		50.3	122.8	32,800	52.2	119.6	26,100
125	42.9		113.9		47.7	117.8	31,800	49.6	114.5	25,600
130	40.1		107.9		45.0	112.3	30,900	46.8	108.8	25,100
135	37.1		101.3		42.2	106.2	30,000	43.9	102.5	24,600
140	33.9		93.9		39.2	99.5	29,200			
145	30.4		85.5		35.9	91.9	27,500			
150	26.4		75.6		32.3	83.3	25,900			
155	21.8		63.6							155

MLC250 S-2

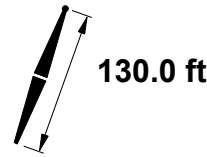
ASME B30.5



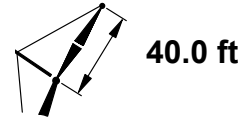
184,600 lb
+
44,000 lb



360°



130.0 ft

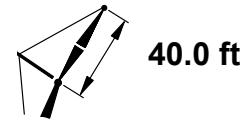
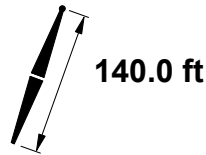


40.0 ft

ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
40	79.5	174.5	53,500							40
45	77.8	173.3	52,500	80.1	172.2	48,100				45
50	76.0	172.0	51,400	78.4	170.9	47,400	80.7	168.5	40,100	50
55	74.3	170.6	50,400	76.6	169.4	46,800	79.0	167.0	38,500	55
60	72.5	169.0	49,400	74.8	167.8	46,200	77.1	165.4	37,000	60
65	70.7	167.2	48,500	73.0	166.0	45,500	75.3	163.5	35,700	65
70	68.9	165.2	47,700	71.2	164.0	45,000	73.5	161.5	34,400	70
75	67.1	163.0	46,800	69.3	161.8	44,400	71.6	159.3	33,300	75
80	65.2	160.7	46,100	67.5	159.4	44,000	69.7	156.9	32,200	80
85	63.3	158.1	45,400	65.6	156.9	42,600	67.7	154.2	31,300	85
90	61.4	155.3	44,700	63.6	154.1	40,900	65.7	151.4	30,400	90
95	59.4	152.3	44,000	61.6	151.0	39,300	63.7	148.3	29,500	95
100	57.4	149.1	43,500	59.6	147.8	37,800	61.6	145.0	28,800	100
105	55.3	145.6	42,300	57.5	144.2	36,500	59.5	141.3	28,100	105
110	53.2	141.8	39,400	55.4	140.4	35,300	57.3	137.4	27,400	110
115	51.1	137.7	36,800	53.2	136.3	34,100	55.1	133.2	26,800	115
120	48.8	133.3	34,500	50.9	131.8	33,100	52.7	128.6	26,200	120
125	46.5	128.5	32,300	48.5	127.0	32,100	50.3	123.7	25,700	125
130	44.0	123.3	30,300	46.1	121.7	30,800	47.8	118.2	25,200	130
135	41.5	117.6	28,500	43.5	115.9	28,900	45.1	112.3	24,800	135
140	38.8	111.4	26,800	40.7	109.6	27,200				140
145	35.9	104.5	25,200	37.8	102.6	25,500				145
150	32.8	96.8	23,800	34.7	94.7	24,000				150
155	29.4	88.0	22,400							155
160	25.6	77.8	21,100							160
165	21.1	65.4	19,900							165

MLC250 S-2

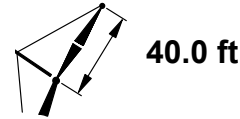
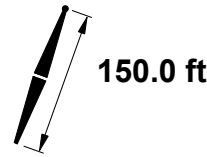
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
40	80.1	184.7	53,700							40
45	78.5	183.6	52,700	80.7	182.5	48,200				45
50	76.8	182.4	51,700	79.0	181.2	47,600				50
55	75.2	181.0	50,600	77.4	179.9	47,000	79.6	177.4	39,000	55
60	73.5	179.5	49,800	75.7	178.3	46,400	77.9	175.9	37,600	60
65	71.8	177.8	48,900	74.0	176.6	45,800	76.2	174.1	36,300	65
70	70.1	176.0	48,100	72.3	174.8	45,300	74.4	172.3	35,100	70
75	68.4	173.9	47,300	70.6	172.7	44,700	72.7	170.2	33,900	75
80	66.7	171.7	46,500	68.8	170.5	44,300	70.9	167.9	32,900	80
85	64.9	169.3	45,900	67.0	168.1	43,800	69.1	165.5	31,900	85
90	63.1	166.8	45,200	65.2	165.5	42,300	67.3	162.8	31,100	90
95	61.3	164.0	44,600	63.4	162.7	40,700	65.4	160.0	30,200	95
100	59.4	161.0	43,900	61.5	159.7	39,200	63.5	156.9	29,500	100
105	57.6	157.8	41,900	59.6	156.4	37,900	61.5	153.6	28,700	105
110	55.6	154.3	39,100	57.7	152.9	36,600	59.5	150.0	28,100	110
115	53.6	150.6	36,500	55.7	149.2	35,400	57.5	146.2	27,400	115
120	51.6	146.6	34,100	53.6	145.1	34,400	55.4	142.0	26,900	120
125	49.5	142.2	32,000	51.5	140.8	32,500	53.2	137.6	26,300	125
130	47.3	137.6	30,000	49.3	136.1	30,500	51.0	132.8	25,800	130
135	45.1	132.6	28,100	47.0	131.0	28,600	48.6	127.5	25,400	135
140	42.7	127.1	26,500	44.6	125.4	26,900	46.2	121.8	25,000	140
145	40.2	121.2	24,900	42.1	119.4	25,300	43.6	115.6	24,600	145
150	37.6	114.7	23,400	39.4	112.8	23,800				150
155	34.8	107.5	22,100	36.6	105.5	22,400				155
160	31.8	99.5	20,800	33.5	97.3	21,000				160
165	28.5	90.5	19,600							165
170	24.8	79.9	18,400							170

MLC250 S-2

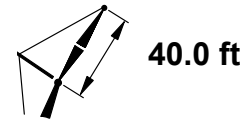
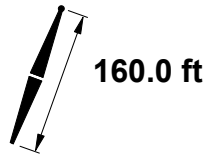
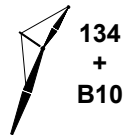
ASME B30.5



	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
40	80.6	194.8	53,700							40
45	79.1	193.8	52,800							45
50	77.5	192.7	51,800	79.6	191.5	47,600				50
55	76.0	191.4	50,900	78.1	190.2	47,000	80.2	187.8	39,600	55
60	74.4	190.0	50,000	76.5	188.8	46,500	78.6	186.3	38,200	60
65	72.8	188.4	49,200	74.9	187.2	46,000	77.0	184.7	36,900	65
70	71.2	186.6	48,400	73.3	185.4	45,500	75.3	182.9	35,700	70
75	69.6	184.7	47,600	71.7	183.5	45,000	73.7	181.0	34,600	75
80	68.0	182.7	47,000	70.0	181.4	44,500	72.0	178.9	33,500	80
85	66.3	180.4	46,200	68.4	179.2	44,100	70.3	176.6	32,600	85
90	64.7	178.0	45,600	66.7	176.8	43,600	68.6	174.1	31,700	90
95	63.0	175.4	45,000	65.0	174.2	42,000	66.9	171.4	30,900	95
100	61.2	172.6	44,400	63.2	171.3	40,600	65.1	168.6	30,100	100
105	59.5	169.6	41,300	61.4	168.3	39,100	63.3	165.5	29,400	105
110	57.7	166.4	38,500	59.6	165.1	37,900	61.5	162.2	28,700	110
115	55.9	163.0	35,900	57.8	161.6	36,600	59.6	158.7	28,100	115
120	54.0	159.3	33,500	55.9	157.9	34,200	57.6	154.9	27,500	120
125	52.1	155.4	31,400	54.0	153.9	32,000	55.7	150.8	26,900	125
130	50.1	151.2	29,400	52.0	149.7	29,900	53.6	146.5	26,400	130
135	48.1	146.6	27,500	49.9	145.1	28,100	51.5	141.8	26,000	135
140	45.9	141.8	25,900	47.8	140.2	26,300	49.3	136.7	25,500	140
145	43.8	136.5	24,300	45.6	134.9	24,700	47.1	131.3	25,100	145
150	41.5	130.8	22,800	43.3	129.1	23,200	44.7	125.3	23,600	150
155	39.1	124.7	21,500	40.8	122.8	21,800				155
160	36.5	117.9	20,200	38.2	116.0	20,500				160
165	33.8	110.5	19,000	35.5	108.4	19,300				165
170	30.9	102.2	17,900	32.5	99.9	18,100				170
175	27.7	92.8	16,800							175
180	24.1	82.0	15,800							180

MLC250 S-2

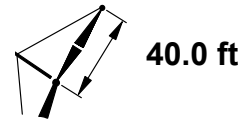
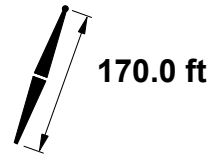
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
45	79.6	204.1	52,800							45
50	78.2	203.0	51,900	80.2	201.8	47,700				50
55	76.7	201.7	51,100	78.7	200.6	47,100	80.7	198.1	40,000	55
60	75.2	200.4	50,200	77.2	199.2	46,600	79.2	196.7	38,700	60
65	73.7	198.9	49,500	75.7	197.7	46,100	77.7	195.2	37,400	65
70	72.2	197.2	48,700	74.2	196.0	45,600	76.1	193.5	36,200	70
75	70.7	195.4	48,000	72.6	194.2	45,100	74.6	191.7	35,100	75
80	69.2	193.5	47,300	71.1	192.3	44,700	73.0	189.7	34,100	80
85	67.6	191.4	46,600	69.5	190.2	44,300	71.4	187.5	33,200	85
90	66.0	189.1	45,900	67.9	187.9	43,900	69.8	185.2	32,300	90
95	64.4	186.7	45,400	66.3	185.4	43,400	68.2	182.7	31,500	95
100	62.8	184.1	44,100	64.7	182.8	41,800	66.5	180.0	30,700	100
105	61.2	181.3	40,900	63.1	180.0	40,400	64.8	177.2	30,000	105
110	59.5	178.3	38,100	61.4	177.0	38,900	63.1	174.1	29,300	110
115	57.8	175.1	35,500	59.7	173.8	36,300	61.4	170.9	28,700	115
120	56.1	171.7	33,100	57.9	170.3	33,800	59.6	167.4	28,100	120
125	54.3	168.1	31,000	56.1	166.7	31,600	57.8	163.6	27,500	125
130	52.5	164.2	29,000	54.3	162.7	29,600	55.9	159.6	27,000	130
135	50.6	160.1	27,200	52.4	158.6	27,700	54.0	155.4	26,500	135
140	48.7	155.6	25,500	50.5	154.1	26,000	52.0	150.8	26,100	140
145	46.7	150.9	23,900	48.5	149.3	24,400	50.0	145.9	24,800	145
150	44.7	145.8	22,500	46.4	144.2	22,900	47.9	140.6	23,300	150
155	42.6	140.3	21,100	44.3	138.6	21,500	45.6	134.9	21,800	155
160	40.4	134.4	19,800	42.0	132.6	20,200	43.3	128.8	20,500	160
165	38.0	128.0	18,600	39.7	126.1	19,000				165
170	35.6	121.1	17,500	37.2	119.0	17,800				170
175	32.9	113.4	16,400	34.5	111.2	16,700				175
180	30.1	104.8	15,400	31.6	102.5	15,700				180
185	27.0	95.2	14,500							185
190	23.5	83.9	13,600							190

MLC250 S-2

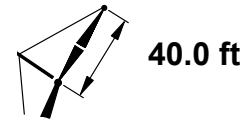
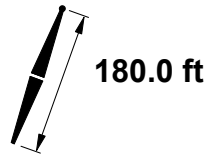
ASME B30.5



ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
45	80.1	214.3	52,800							45
50	78.8	213.2	51,900	80.7	212.0	47,700				50
55	77.4	212.1	51,100	79.2	210.9	47,200				55
60	75.9	210.8	50,300	77.8	209.6	46,700	79.7	207.0	39,100	60
65	74.5	209.3	49,600	76.4	208.1	46,200	78.3	205.6	37,900	65
70	73.1	207.8	48,900	75.0	206.6	45,700	76.8	204.0	36,800	70
75	71.7	206.1	48,200	73.5	204.9	45,300	75.4	202.3	35,700	75
80	70.2	204.2	47,500	72.0	203.0	44,900	73.9	200.4	34,700	80
85	68.7	202.3	46,900	70.6	201.0	44,400	72.4	198.4	33,800	85
90	67.2	200.1	46,200	69.1	198.9	44,100	70.9	196.2	32,900	90
95	65.7	197.8	45,700	67.6	196.6	43,800	69.3	193.9	32,100	95
100	64.2	195.4	43,700	66.0	194.1	43,100	67.8	191.3	31,300	100
105	62.7	192.7	40,500	64.5	191.4	41,400	66.2	188.7	30,600	105
110	61.1	189.9	37,600	62.9	188.6	38,500	64.6	185.8	29,900	110
115	59.5	187.0	35,000	61.3	185.6	35,800	63.0	182.7	29,200	115
120	57.9	183.8	32,700	59.7	182.4	33,400	61.3	179.5	28,700	120
125	56.3	180.4	30,500	58.0	179.0	31,200	59.6	176.0	28,100	125
130	54.6	176.8	28,500	56.3	175.4	29,200	57.9	172.3	27,600	130
135	52.9	173.0	26,700	54.6	171.5	27,300	56.1	168.4	27,100	135
140	51.1	168.9	25,000	52.8	167.4	25,600	54.3	164.2	26,100	140
145	49.3	164.6	23,400	51.0	163.0	24,000	52.5	159.7	24,400	145
150	47.4	160.0	22,000	49.1	158.4	22,500	50.5	155.0	22,900	150
155	45.5	155.0	20,600	47.2	153.4	21,100	48.5	149.9	21,500	155
160	43.5	149.7	19,400	45.2	148.0	19,800	46.5	144.4	20,100	160
165	41.5	144.1	18,200	43.1	142.3	18,500	44.3	138.5	18,800	165
170	39.3	137.9	17,000	40.9	136.1	17,400				170
175	37.0	131.3	16,000	38.6	129.4	16,300				175
180	34.7	124.1	15,000	36.1	122.0	15,300				180
185	32.1	116.2	14,100	33.5	113.9	14,300				185
190	29.3	107.4	13,200							190
195	26.3	97.4	12,300							195
200	22.9	85.9	11,500							200

MLC250 S-2

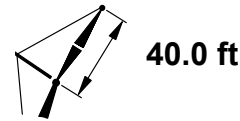
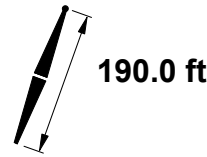
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
45	80.6	224.4	52,700							45
50	79.3	223.4	51,900							50
55	77.9	222.3	51,100	79.7	221.1	47,100				55
60	76.6	221.1	50,400	78.4	219.9	46,700	80.2	217.4	39,600	60
65	75.2	219.8	49,700	77.0	218.5	46,200	78.8	216.0	38,400	65
70	73.9	218.3	49,000	75.7	217.1	45,700	77.5	214.5	37,200	70
75	72.5	216.7	48,300	74.3	215.4	45,300	76.1	212.8	36,200	75
80	71.1	214.9	47,700	72.9	213.7	45,000	74.7	211.1	35,200	80
85	69.7	213.0	47,100	71.5	211.8	44,600	73.2	209.1	34,300	85
90	68.3	211.0	46,500	70.1	209.7	44,200	71.8	207.1	33,400	90
95	66.9	208.8	45,900	68.7	207.6	43,800	70.4	204.9	32,600	95
100	65.5	206.5	43,300	67.2	205.2	43,500	68.9	202.5	31,800	100
105	64.0	204.0	40,100	65.8	202.7	41,100	67.4	200.0	31,100	105
110	62.6	201.4	37,200	64.3	200.1	38,100	65.9	197.3	30,400	110
115	61.1	198.6	34,600	62.8	197.3	35,500	64.4	194.4	29,800	115
120	59.6	195.6	32,300	61.2	194.3	33,100	62.8	191.4	29,200	120
125	58.0	192.5	30,100	59.7	191.1	30,800	61.2	188.1	28,600	125
130	56.4	189.1	28,100	58.1	187.7	28,800	59.6	184.7	28,100	130
135	54.8	185.6	26,300	56.5	184.1	26,900	58.0	181.0	27,500	135
140	53.2	181.8	24,600	54.9	180.3	25,200	56.3	177.2	25,800	140
145	51.5	177.8	23,000	53.2	176.3	23,600	54.6	173.1	24,100	145
150	49.8	173.5	21,600	51.4	172.0	22,100	52.8	168.7	22,600	150
155	48.1	169.0	20,200	49.7	167.4	20,700	51.0	164.0	21,100	155
160	46.3	164.2	19,000	47.8	162.5	19,400	49.2	159.0	19,800	160
165	44.4	159.1	17,800	46.0	157.4	18,200	47.2	153.7	18,500	165
170	42.5	153.6	16,700	44.0	151.8	17,000	45.2	148.0	17,400	170
175	40.5	147.7	15,600	42.0	145.9	16,000	43.1	141.9	16,200	175
180	38.4	141.4	14,600	39.8	139.4	14,900				180
185	36.1	134.5	13,700	37.6	132.5	14,000				185
190	33.8	127.1	12,800	35.2	124.9	13,000				190
195	31.3	118.9	11,900	32.7	116.6	12,200				195
200	28.6	109.8	11,100							200
205	25.6	99.6	10,400							205
210	22.3	87.8	9,600							210

MLC250 S-2

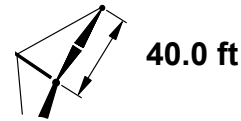
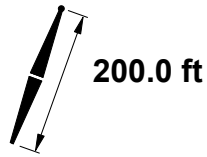
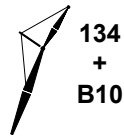
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	lb	ft		
45	81.0	234.6	52,600						45	
50	79.7	233.6	51,900						50	
55	78.5	232.6	51,100	80.2	231.4	47,100			55	
60	77.2	231.4	50,400	78.9	230.2	46,600	80.7	227.7	40,000	60
65	75.9	230.1	49,700	77.6	228.9	46,200	79.3	226.3	38,800	65
70	74.6	228.7	49,000	76.3	227.5	45,800	78.0	224.9	37,700	70
75	73.3	227.2	48,400	75.0	225.9	45,400	76.7	223.3	36,700	75
80	72.0	225.5	47,800	73.7	224.3	45,000	75.4	221.6	35,700	80
85	70.7	223.7	47,200	72.4	222.5	44,600	74.0	219.8	34,800	85
90	69.3	221.8	46,600	71.0	220.5	44,300	72.7	217.9	33,900	90
95	68.0	219.7	46,100	69.7	218.5	43,900	71.3	215.8	33,100	95
100	66.6	217.5	42,700	68.3	216.3	43,600	69.9	213.5	32,400	100
105	65.3	215.2	39,500	66.9	213.9	40,600	68.5	211.1	31,600	105
110	63.9	212.7	36,700	65.5	211.4	37,600	67.1	208.6	31,000	110
115	62.4	210.1	34,100	64.1	208.7	35,000	65.6	205.9	30,300	115
120	61.0	207.3	31,700	62.7	205.9	32,500	64.2	203.0	29,700	120
125	59.6	204.3	29,500	61.2	202.9	30,300	62.7	200.0	29,100	125
130	58.1	201.1	27,500	59.7	199.7	28,300	61.2	196.8	28,600	130
135	56.6	197.8	25,700	58.2	196.4	26,400	59.7	193.4	27,100	135
140	55.1	194.3	24,000	56.7	192.8	24,700	58.1	189.8	25,300	140
145	53.5	190.6	22,500	55.1	189.1	23,100	56.5	185.9	23,600	145
150	51.9	186.6	21,000	53.5	185.1	21,600	54.9	181.9	22,100	150
155	50.3	182.4	19,600	51.9	180.9	20,200	53.2	177.6	20,600	155
160	48.6	178.0	18,400	50.2	176.4	18,900	51.5	173.0	19,300	160
165	46.9	173.3	17,200	48.4	171.7	17,600	49.7	168.2	18,000	165
170	45.2	168.3	16,100	46.7	166.6	16,500	47.9	163.0	16,900	170
175	43.4	163.0	15,000	44.8	161.2	15,400	46.0	157.5	15,700	175
180	41.5	157.3	14,000	42.9	155.5	14,400	44.1	151.6	14,700	180
185	39.5	151.2	13,100	40.9	149.3	13,400				185
190	37.5	144.7	12,200	38.9	142.7	12,500				190
195	35.3	137.6	11,400	36.7	135.5	11,600				195
200	33.0	130.0	10,600	34.3	127.8	10,800				200
205	30.6	121.6	9,800	31.9	119.2	10,000				205
210	28.0	112.3	9,100							210
215	25.1	101.8	8,400							215
220	21.8	89.6	7,700							220

MLC250 S-2

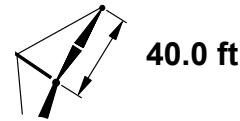
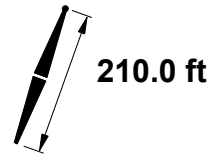
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
50	80.2	243.8	51,700							50
55	79.0	242.8	51,000	80.6	241.6	47,000				55
60	77.7	241.7	50,300	79.4	240.5	46,600				60
65	76.5	240.5	49,600	78.2	239.2	46,100	79.8	236.7	39,200	65
70	75.3	239.1	49,000	76.9	237.9	45,700	78.6	235.3	38,100	70
75	74.0	237.7	48,400	75.7	236.4	45,300	77.3	233.8	37,100	75
80	72.8	236.1	47,800	74.4	234.8	45,000	76.0	232.2	36,200	80
85	71.5	234.4	47,300	73.1	233.1	44,700	74.7	230.4	35,300	85
90	70.2	232.5	46,700	71.9	231.3	44,300	73.4	228.6	34,400	90
95	69.0	230.6	45,900	70.6	229.3	44,000	72.1	226.6	33,600	95
100	67.7	228.5	42,300	69.3	227.2	43,500	70.8	224.5	32,900	100
105	66.4	226.3	39,100	68.0	225.0	40,200	69.5	222.2	32,100	105
110	65.0	223.9	36,200	66.6	222.6	37,300	68.1	219.8	31,500	110
115	63.7	221.4	33,600	65.3	220.1	34,600	66.8	217.2	30,800	115
120	62.3	218.7	31,300	63.9	217.4	32,200	65.4	214.5	30,200	120
125	61.0	215.9	29,100	62.5	214.6	29,900	64.0	211.7	29,600	125
130	59.6	213.0	27,100	61.1	211.6	27,900	62.6	208.6	28,600	130
135	58.2	209.8	25,300	59.7	208.4	26,000	61.1	205.4	26,700	135
140	56.7	206.5	23,600	58.3	205.1	24,300	59.7	202.0	24,900	140
145	55.3	203.0	22,000	56.8	201.6	22,700	58.2	198.4	23,300	145
150	53.8	199.3	20,600	55.3	197.8	21,200	56.7	194.7	21,700	150
155	52.3	195.4	19,200	53.8	193.9	19,800	55.1	190.7	20,300	155
160	50.7	191.3	17,900	52.2	189.7	18,500	53.5	186.4	19,000	160
165	49.2	186.9	16,800	50.6	185.4	17,300	51.9	182.0	17,700	165
170	47.5	182.3	15,600	49.0	180.7	16,100	50.2	177.2	16,500	170
175	45.9	177.5	14,600	47.3	175.8	15,000	48.5	172.2	15,400	175
180	44.2	172.3	13,600	45.6	170.6	14,000	46.7	166.9	14,300	180
185	42.4	166.8	12,700	43.8	165.0	13,000	44.9	161.2	13,300	185
190	40.5	160.9	11,800	41.9	159.1	12,100	43.0	155.1	12,400	190
195	38.6	154.7	10,900	40.0	152.7	11,300				195
200	36.6	147.9	10,100	37.9	145.9	10,400				200
205	34.5	140.7	9,400	35.8	138.5	9,600				205
210	32.3	132.8	8,700	33.5	130.5	8,900				210
215	29.9	124.2	8,000							215
220	27.3	114.6	7,300							220
225	24.5	103.9	6,700							225
230	21.3	91.4	6,100							230

MLC250 S-2

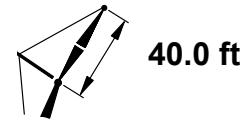
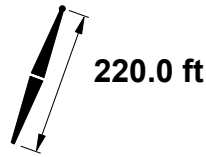
ASME B30.5



ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
50	80.6	254.0	51,400							50
55	79.4	253.0	50,800							55
60	78.2	252.0	50,100							60
65	77.1	250.8	49,600				80.2	247.0	39,600	65
70	75.9	249.5	48,900				79.0	245.6	38,500	70
75	74.7	248.1	48,400	76.3	246.8	45,300	77.8	244.2	37,500	75
80	73.5	246.6	47,800	75.1	245.3	45,000	76.6	242.7	36,600	80
85	72.3	244.9	47,200	73.8	243.7	44,600	75.4	241.0	35,700	85
90	71.1	243.2	46,700	72.6	241.9	44,300	74.1	239.2	34,900	90
95	69.8	241.3	45,400	71.4	240.0	44,000	72.9	237.3	34,100	95
100	68.6	239.3	41,800	70.2	238.0	43,100	71.6	235.3	33,300	100
105	67.4	237.2	38,600	68.9	235.9	39,800	70.4	233.2	32,600	105
110	66.1	235.0	35,800	67.6	233.7	36,800	69.1	230.9	31,900	110
115	64.8	232.6	33,200	66.4	231.3	34,100	67.8	228.4	31,300	115
120	63.6	230.1	30,800	65.1	228.7	31,700	66.5	225.9	30,700	120
125	62.3	227.4	28,600	63.8	226.0	29,500	65.2	223.2	30,100	125
130	60.9	224.6	26,600	62.4	223.2	27,400	63.8	220.3	28,200	130
135	59.6	221.6	24,800	61.1	220.2	25,600	62.5	217.3	26,300	135
140	58.3	218.5	23,100	59.7	217.1	23,800	61.1	214.1	24,500	140
145	56.9	215.2	21,500	58.3	213.8	22,200	59.7	210.7	22,900	145
150	55.5	211.7	20,100	56.9	210.3	20,700	58.3	207.1	21,300	150
155	54.1	208.1	18,700	55.5	206.6	19,300	56.8	203.4	19,900	155
160	52.6	204.2	17,500	54.1	202.7	18,000	55.3	199.5	18,500	160
165	51.1	200.2	16,300	52.6	198.6	16,800	53.8	195.3	17,300	165
170	49.6	195.9	15,100	51.0	194.3	15,700	52.3	190.9	16,100	170
175	48.1	191.4	14,100	49.5	189.7	14,600	50.7	186.3	15,000	175
180	46.5	186.6	13,100	47.9	184.9	13,600	49.0	181.3	13,900	180
185	44.9	181.5	12,200	46.2	179.8	12,600	47.4	176.1	12,900	185
190	43.2	176.2	11,300	44.5	174.4	11,700	45.6	170.6	12,000	190
195	41.5	170.5	10,500	42.8	168.7	10,800	43.8	164.7	11,100	195
200	39.7	164.5	9,700	41.0	162.6	10,000				200
205	37.8	158.0	8,900	39.1	156.0	9,200				205
210	35.8	151.1	8,200	37.1	149.0	8,500				210
215	33.8	143.7	7,500	35.0	141.4	7,700				215
220	31.6	135.6	6,800	32.8	133.2	7,000				220
225	29.3	126.7	6,200							225
230	26.7	116.9	5,600							230
235	24.0	105.9	5,000							235

MLC250 S-2

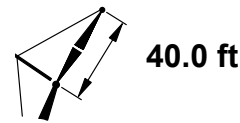
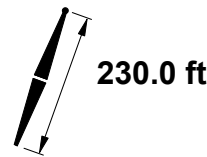
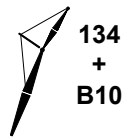
ASME B30.5



	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
50	80.9	264.2	51,200							50
55	79.8	263.2	50,500							55
60	78.7	262.2	49,900	80.2	261.0	46,200				60
65	77.6	261.1	49,300	79.1	259.8	45,900	80.6	257.2	40,000	65
70	76.4	259.8	48,800	78.0	258.6	45,500	79.5	256.0	38,900	70
75	75.3	258.5	48,200	76.8	257.2	45,200	78.3	254.6	37,900	75
80	74.1	257.0	47,700	75.7	255.8	44,900	77.1	253.1	37,000	80
85	73.0	255.5	47,200	74.5	254.2	44,500	76.0	251.5	36,100	85
90	71.8	253.8	46,700	73.3	252.5	44,200	74.8	249.8	35,300	90
95	70.7	252.0	45,000	72.1	250.7	44,000	73.6	248.0	34,500	95
100	69.5	250.1	41,400	71.0	248.8	42,700	72.4	246.1	33,800	100
105	68.3	248.1	38,200	69.8	246.8	39,400	71.2	244.0	33,100	105
110	67.1	245.9	35,300	68.6	244.6	36,400	70.0	241.8	32,400	110
115	65.9	243.7	32,700	67.3	242.3	33,800	68.7	239.5	31,800	115
120	64.7	241.3	30,400	66.1	239.9	31,300	67.5	237.1	31,200	120
125	63.4	238.7	28,200	64.9	237.4	29,100	66.2	234.5	30,000	125
130	62.2	236.1	26,200	63.6	234.7	27,100	65.0	231.8	27,900	130
135	60.9	233.2	24,400	62.3	231.9	25,200	63.7	228.9	25,900	135
140	59.6	230.3	22,700	61.1	228.9	23,400	62.4	225.9	24,100	140
145	58.3	227.2	21,100	59.7	225.7	21,800	61.0	222.7	22,500	145
150	57.0	223.9	19,600	58.4	222.4	20,300	59.7	219.4	20,900	150
155	55.7	220.4	18,300	57.1	219.0	18,900	58.3	215.8	19,500	155
160	54.3	216.8	17,000	55.7	215.3	17,600	56.9	212.1	18,200	160
165	52.9	213.0	15,800	54.3	211.5	16,400	55.5	208.2	16,900	165
170	51.5	209.0	14,700	52.9	207.4	15,200	54.1	204.1	15,700	170
175	50.1	204.8	13,700	51.4	203.2	14,200	52.6	199.8	14,600	175
180	48.6	200.3	12,700	49.9	198.7	13,100	51.1	195.3	13,600	180
185	47.1	195.7	11,700	48.4	194.0	12,200	49.5	190.4	12,600	185
190	45.5	190.7	10,900	46.9	189.0	11,300	47.9	185.4	11,600	190
195	43.9	185.5	10,000	45.2	183.8	10,400	46.3	180.0	10,700	195
200	42.3	180.0	9,200	43.6	178.2	9,600	44.6	174.3	9,900	200
205	40.6	174.2	8,500	41.9	172.3	8,800	42.8	168.2	9,100	205
210	38.8	168.0	7,800	40.1	166.0	8,100				210
215	37.0	161.3	7,100	38.2	159.3	7,400				215
220	35.1	154.2	6,400	36.3	152.1	6,700				220
225	33.1	146.6	5,800	34.3	144.3	6,000				225
230	31.0	138.3	5,200	32.1	135.9	5,400				230
235	28.7	129.2	4,600							235
240	26.2	119.2	4,100							240

MLC250 S-2

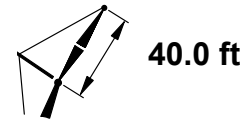
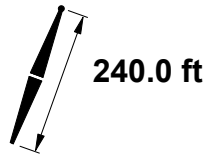
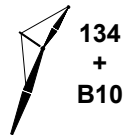
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	lb	ft		
55	80.2	273.4	50,300							55
60	79.1	272.4	49,600							60
65	78.0	271.3	49,100							65
70	76.9	270.1	48,600							70
75	75.8	268.9	48,000							75
80	74.7	267.5	47,500							80
85	73.6	266.0	47,000							85
90	72.5	264.4	46,600							90
95	71.4	262.6	44,500							95
100	70.3	260.8	40,900							100
105	69.1	258.9	37,700							105
110	68.0	256.8	34,800							110
115	66.8	254.7	32,200							115
120	65.7	252.4	29,800							120
125	64.5	249.9	27,600							125
130	63.3	247.4	25,600							130
135	62.1	244.7	23,800							135
140	60.9	241.9	22,100							140
145	59.6	238.9	20,500							145
150	58.4	235.8	19,100							150
155	57.1	232.6	17,700							155
160	55.8	229.1	16,400							160
165	54.5	225.6	15,200							165
170	53.2	221.8	14,100							170
175	51.8	217.8	13,100							175
180	50.5	213.7	12,100							180
185	49.1	209.3	11,100							185
190	47.6	204.7	10,300							190
195	46.1	199.9	9,400							195
200	44.6	194.8	8,600							200
205	43.1	189.4	7,900							205
210	41.5	183.7	7,200							210
215	39.8	177.7	6,500							215
220	38.1	171.3	5,800							220
225	36.3	164.5	5,200							225
230	34.4	157.3	4,600							230
235	32.4	149.4	4,000							235

MLC250 S-2

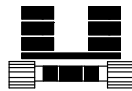
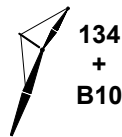
ASME B30.5



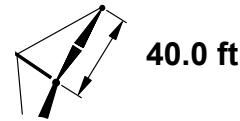
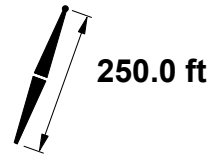
	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
55	80.6		283.6	49,800						55
60	79.5		282.6	49,300						60
65	78.5		281.6	48,800						65
70	77.4		280.4	48,300						70
75	76.4		279.2	47,800						75
80	75.3		277.9	47,300						80
85	74.2		276.4	46,800						85
90	73.2		274.9	46,400						90
95	72.1		273.2	44,000						95
100	71.0		271.5	40,400						100
105	69.9		269.6	37,200						105
110	68.8		267.6	34,300						110
115	67.7		265.6	31,700						115
120	66.6		263.4	29,300						120
125	65.5		261.1	27,200						125
130	64.3		258.6	25,200						130
135	63.2		256.1	23,300						135
140	62.0		253.4	21,600						140
145	60.8		250.6	20,100						145
150	59.6		247.6	18,600						150
155	58.4		244.5	17,200						155
160	57.2		241.3	16,000						160
165	56.0		237.8	14,800						165
170	54.7		234.3	13,700						170
175	53.5		230.5	12,600						175
180	52.2		226.6	11,600						180
185	50.8		222.5	10,700						185
190	49.5		218.2	9,800						190
195	48.1		213.7	9,000						195
200	46.7		209.0	8,200						200
205	45.2		204.0	7,400						205
210	43.8		198.8	6,700						210
215	42.2		193.2	6,000						215
220	40.7		187.4	5,400						220
225	39.0		181.2	4,700						225
230	37.3		174.7	4,200						230

MLC250 S-2

ASME B30.5



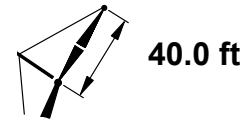
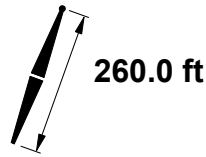
184,600 lb
+
44,000 lb



ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
55	80.9	293.7	49,400							55
60	79.9	292.8	48,900							60
65	78.9	291.8	48,400	80.2	290.6	45,100				65
70	77.9	290.7	47,900	79.2	289.5	44,800	80.6	286.8	39,900	70
75	76.8	289.5	47,400	78.2	288.3	44,500	79.6	285.6	39,000	75
80	75.8	288.2	47,000	77.2	287.0	44,200	78.5	284.3	38,100	80
85	74.8	286.8	46,500	76.2	285.6	43,900	77.5	282.9	37,300	85
90	73.8	285.3	46,100	75.1	284.1	43,700	76.5	281.4	36,500	90
95	72.7	283.8	44,200	74.1	282.5	43,500	75.4	279.8	35,700	95
100	71.7	282.1	40,600	73.0	280.8	41,900	74.3	278.0	35,000	100
105	70.6	280.3	37,400	72.0	279.0	38,600	73.3	276.2	34,300	105
110	69.6	278.4	34,500	70.9	277.1	35,700	72.2	274.3	33,700	110
115	68.5	276.4	31,900	69.8	275.1	33,000	71.1	272.3	33,000	115
120	67.4	274.3	29,500	68.8	273.0	30,500	70.0	270.1	31,600	120
125	66.4	272.1	27,300	67.7	270.7	28,300	68.9	267.9	29,300	125
130	65.3	269.8	25,300	66.6	268.4	26,200	67.8	265.5	27,200	130
135	64.2	267.3	23,500	65.5	265.9	24,400	66.7	263.0	25,200	135
140	63.1	264.7	21,800	64.4	263.4	22,600	65.6	260.4	23,400	140
145	61.9	262.0	20,200	63.2	260.6	21,000	64.4	257.7	21,800	145
150	60.8	259.2	18,700	62.1	257.8	19,500	63.3	254.8	20,200	150
155	59.7	256.3	17,400	60.9	254.8	18,100	62.1	251.8	18,800	155
160	58.5	253.2	16,100	59.8	251.7	16,800	60.9	248.7	17,400	160
165	57.3	249.9	14,900	58.6	248.5	15,600	59.7	245.4	16,200	165
170	56.1	246.5	13,800	57.4	245.1	14,400	58.5	241.9	15,000	170
175	54.9	243.0	12,700	56.2	241.5	13,300	57.3	238.3	13,900	175
180	53.7	239.3	11,800	54.9	237.8	12,300	56.0	234.5	12,800	180
185	52.4	235.4	10,800	53.7	233.9	11,300	54.7	230.6	11,800	185
190	51.2	231.4	9,900	52.4	229.8	10,400	53.4	226.4	10,900	190
195	49.9	227.1	9,100	51.1	225.5	9,600	52.1	222.1	10,000	195
200	48.5	222.7	8,300	49.8	221.0	8,800	50.8	217.5	9,100	200
205	47.2	218.0	7,600	48.4	216.4	8,000	49.4	212.8	8,300	205
210	45.8	213.2	6,800	47.0	211.4	7,200	48.0	207.7	7,600	210
215	44.4	208.0	6,200	45.6	206.3	6,500	46.5	202.5	6,800	215
220	42.9	202.7	5,500	44.1	200.8	5,900	45.0	196.9	6,100	220
225	41.5	197.0	4,900	42.6	195.1	5,200	43.5	191.1	5,500	225
230	39.9	191.0	4,300	41.0	189.0	4,600				230
235				39.4	182.6	4,000				235

MLC250 S-2

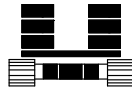
ASME B30.5



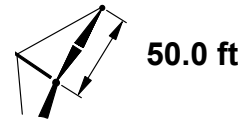
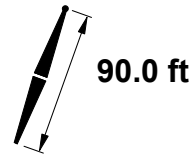
	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
60	80.2	303.0	48,400							60
65	79.3	302.0	47,900							65
70	78.3	301.0	47,500							70
75	77.3	299.8	47,000							75
80	76.3	298.6	46,600							80
85	75.3	297.2	46,100							85
90	74.3	295.8	45,800							90
95	73.3	294.3	43,700							95
100	72.3	292.6	40,100							100
105	71.3	290.9	36,900							105
110	70.3	289.1	34,000							110
115	69.3	287.2	31,400							115
120	68.2	285.2	29,000							120
125	67.2	283.0	26,800							125
130	66.2	280.8	24,900							130
135	65.1	278.4	23,000							135
140	64.0	276.0	21,300							140
145	63.0	273.4	19,700							145
150	61.9	270.7	18,300							150
155	60.8	267.9	16,900							155
160	59.7	264.9	15,600							160
165	58.6	261.8	14,500							165
170	57.4	258.6	13,300							170
175	56.3	255.2	12,300							175
180	55.1	251.7	11,300							180
185	53.9	248.1	10,400							185
190	52.7	244.2	9,500							190
195	51.5	240.2	8,700							195
200	50.2	236.0	7,900							200
205	49.0	231.7	7,100							205
210	47.7	227.1	6,400							210
215	46.3	222.3	5,700							215
220	45.0	217.3	5,100							220
225	43.6	212.0	4,400							225
230										230

MLC250 S-2

ASME B30.5



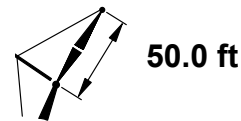
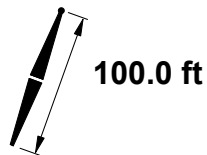
184,600 lb
+
44,000 lb



ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
35	79.7	144.9	45,400							35
40	77.6	143.7	44,100							40
45	75.4	142.3	42,900	79.0	141.1	39,800				45
50	73.3	140.7	41,700	76.8	139.5	38,900	80.5	136.9	32,500	50
55	71.1	138.9	40,700	74.6	137.7	38,000	78.3	135.1	30,700	55
60	68.9	136.8	39,700	72.4	135.6	37,000	76.0	133.0	29,200	60
65	66.6	134.6	38,700	70.2	133.4	36,200	73.7	130.7	27,800	65
70	64.4	132.1	37,700	67.8	130.8	35,100	71.3	128.1	26,600	70
75	62.0	129.3	36,700	65.5	128.0	33,200	68.9	125.2	25,500	75
80	59.6	126.3	35,800	63.1	125.0	31,500	66.4	122.1	24,400	80
85	57.2	123.0	34,900	60.6	121.6	30,100	63.9	118.6	23,500	85
90	54.6	119.3	34,100	58.0	117.9	28,700	61.2	114.8	22,700	90
95	52.0	115.3	33,300	55.3	113.9	27,400	58.5	110.7	21,900	95
100	49.3	110.9	31,600	52.6	109.4	26,300	55.6	106.0	21,200	100
105	46.4	106.1	30,000	49.7	104.5	25,300	52.6	100.9	20,600	105
110	43.4	100.7	28,700	46.6	99.0	24,400	49.4	95.2	20,000	110
115	40.2	94.7	27,500	43.3	92.8	23,600	46.0	88.8	19,500	115
120	36.8	87.9	26,300	39.8	85.9	22,800				120
125	33.0	80.2	25,300	35.9	77.9	22,200				125
130	28.7	71.1	24,300	31.5	68.5	21,500				130
135	23.7	59.9	23,400							135

MLC250 S-2

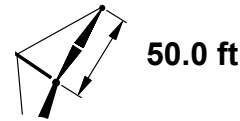
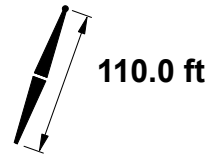
ASME B30.5



	5°			15°			25°				
	ft	o	ft	lb	ft	o	ft	lb	ft		
35	80.4		155.1	45,700						35	
40	78.4		154.0	44,500						40	
45	76.4		152.7	43,300	79.8	151.5	40,100			45	
50	74.4		151.2	42,300	77.8	150.0	39,300			50	
55	72.4		149.5	41,200	75.7	148.3	38,300	79.1	145.6	31,400	55
60	70.4		147.7	40,200	73.7	146.4	37,500	77.0	143.7	29,900	60
65	68.3		145.6	39,400	71.6	144.3	36,700	74.9	141.6	28,500	65
70	66.2		143.3	38,400	69.5	142.0	36,000	72.7	139.2	27,300	70
75	64.1		140.8	37,500	67.3	139.4	34,600	70.5	136.6	26,200	75
80	61.9		138.0	36,600	65.1	136.7	32,900	68.3	133.7	25,200	80
85	59.7		135.0	35,700	62.8	133.6	31,400	65.9	130.6	24,300	85
90	57.4		131.7	34,900	60.5	130.3	30,000	63.6	127.2	23,500	90
95	55.0		128.1	34,200	58.1	126.6	28,800	61.1	123.5	22,700	95
100	52.6		124.2	33,500	55.7	122.7	27,600	58.6	119.4	22,000	100
105	50.1		119.9	32,000	53.1	118.3	26,600	56.0	114.9	21,300	105
110	47.4		115.2	30,500	50.5	113.6	25,600	53.2	110.0	20,700	110
115	44.7		110.0	29,200	47.7	108.3	24,700	50.3	104.6	20,200	115
120	41.8		104.4	28,000	44.7	102.5	23,900	47.3	98.5	19,700	120
125	38.7		98.1	26,900	41.6	96.1	23,100	44.0	91.8	19,300	125
130	35.4		91.0	25,900	38.2	88.8	22,500				130
135	31.8		82.9	24,900	34.5	80.5	21,900				135
140	27.7		73.4	24,100							140
145	22.9		61.8	23,300							145

MLC250 S-2

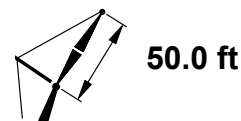
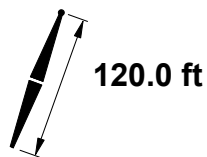
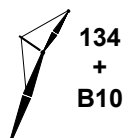
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	lb	ft		
35	81.0	165.3	45,900							35
40	79.1	164.2	44,700							40
45	77.3	163.0	43,700	80.4	161.8	40,300				45
50	75.4	161.6	42,600	78.6	160.4	39,600				50
55	73.6	160.1	41,700	76.7	158.8	38,700	79.8	156.1	31,900	55
60	71.7	158.3	40,800	74.8	157.1	37,900	77.9	154.3	30,500	60
65	69.7	156.4	39,800	72.8	155.1	37,100	75.9	152.3	29,200	65
70	67.8	154.3	39,000	70.9	153.0	36,400	73.9	150.1	28,000	70
75	65.8	152.0	38,200	68.9	150.6	35,700	71.9	147.8	26,900	75
80	63.8	149.4	37,300	66.8	148.1	34,200	69.8	145.1	25,900	80
85	61.8	146.7	36,400	64.8	145.3	32,700	67.7	142.3	25,000	85
90	59.7	143.6	35,700	62.7	142.2	31,200	65.5	139.2	24,100	90
95	57.5	140.4	35,000	60.5	138.9	30,000	63.3	135.8	23,300	95
100	55.3	136.8	34,200	58.3	135.3	28,800	61.0	132.1	22,600	100
105	53.1	133.0	33,600	56.0	131.4	27,700	58.7	128.1	22,000	105
110	50.7	128.8	32,400	53.6	127.2	26,700	56.3	123.7	21,400	110
115	48.3	124.3	31,000	51.2	122.6	25,900	53.7	119.0	20,800	115
120	45.8	119.3	29,700	48.6	117.6	25,000	51.1	113.8	20,400	120
125	43.2	113.9	28,500	45.9	112.1	24,200	48.3	108.1	19,900	125
130	40.4	107.9	27,400	43.1	106.0	23,500	45.3	101.7	19,400	130
135	37.4	101.3	26,500	40.0	99.2	22,900				135
140	34.2	93.9	25,500	36.8	91.6	22,200				140
145	30.7	85.5	24,700	33.1	83.0	21,700				145
150	26.7	75.6	23,900							150
155	22.1	63.6	23,200							155

MLC250 S-2

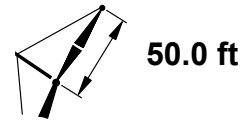
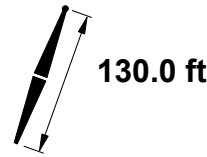
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
40	79.8	174.5	45,000							40
45	78.1	173.3	43,900	81.0	172.1	40,400				45
50	76.3	172.0	42,900	79.3	170.8	39,700				50
55	74.6	170.6	42,000	77.5	169.3	39,000	80.5	166.5	32,500	55
60	72.8	168.9	41,100	75.7	167.6	38,200	78.7	164.8	31,000	60
65	71.0	167.1	40,300	73.9	165.8	37,500	76.8	163.0	29,700	65
70	69.2	165.2	39,500	72.1	163.8	36,800	75.0	161.0	28,600	70
75	67.4	163.0	38,800	70.2	161.7	36,100	73.1	158.7	27,500	75
80	65.5	160.6	37,900	68.3	159.3	35,500	71.2	156.3	26,500	80
85	63.6	158.1	37,100	66.4	156.7	33,900	69.2	153.7	25,600	85
90	61.7	155.3	36,300	64.5	153.9	32,500	67.2	150.8	24,800	90
95	59.7	152.3	35,500	62.5	150.9	31,100	65.2	147.7	24,000	95
100	57.7	149.1	34,900	60.5	147.6	30,000	63.1	144.4	23,200	100
105	55.6	145.6	34,300	58.4	144.0	28,900	61.0	140.7	22,600	105
110	53.5	141.8	33,600	56.2	140.2	27,800	58.8	136.8	22,000	110
115	51.3	137.7	32,700	54.0	136.1	26,900	56.5	132.5	21,400	115
120	49.1	133.3	31,400	51.8	131.6	26,000	54.2	127.9	21,000	120
125	46.7	128.5	30,200	49.4	126.7	25,200	51.7	122.9	20,400	125
130	44.3	123.3	29,000	46.9	121.4	24,500	49.2	117.5	20,000	130
135	41.8	117.6	28,000	44.3	115.7	23,800	46.5	111.5	19,600	135
140	39.1	111.4	27,100	41.6	109.3	23,200	43.6	104.8	19,200	140
145	36.2	104.5	26,100	38.6	102.3	22,600				145
150	33.1	96.8	24,800	35.5	94.4	22,100				150
155	29.7	88.0	23,400	32.0	85.3	21,600				155
160	25.9	77.8	22,100							160
165	21.3	65.4	20,900							165

MLC250 S-2

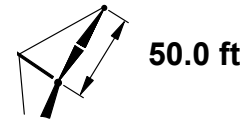
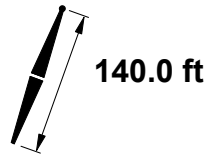
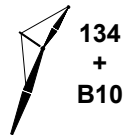
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	lb	ft		
40	80.4	184.7	45,100							40
45	78.7	183.6	44,100							45
50	77.1	182.4	43,200	79.9	181.1	39,900				50
55	75.5	181.0	42,300	78.2	179.7	39,300				55
60	73.8	179.5	41,500	76.5	178.2	38,500	79.3	175.3	31,500	60
65	72.1	177.8	40,600	74.9	176.5	37,800	77.6	173.6	30,300	65
70	70.4	175.9	39,900	73.1	174.6	37,100	75.9	171.7	29,100	70
75	68.7	173.9	39,100	71.4	172.6	36,500	74.1	169.6	28,100	75
80	66.9	171.7	38,500	69.7	170.3	35,900	72.3	167.3	27,100	80
85	65.2	169.3	37,700	67.9	167.9	35,000	70.5	164.9	26,200	85
90	63.4	166.7	36,900	66.1	165.3	33,600	68.7	162.2	25,300	90
95	61.6	164.0	36,200	64.2	162.5	32,300	66.8	159.4	24,600	95
100	59.7	161.0	35,500	62.4	159.5	31,100	64.9	156.3	23,900	100
105	57.8	157.7	34,900	60.4	156.2	29,900	62.9	152.9	23,200	105
110	55.9	154.3	34,300	58.5	152.7	28,900	60.9	149.4	22,600	110
115	53.9	150.5	33,700	56.5	149.0	27,900	58.9	145.5	22,100	115
120	51.9	146.5	33,100	54.4	144.9	27,100	56.7	141.3	21,500	120
125	49.8	142.2	31,800	52.3	140.5	26,200	54.6	136.9	21,000	125
130	47.6	137.6	30,600	50.1	135.8	25,500	52.3	132.0	20,600	130
135	45.3	132.5	29,100	47.8	130.7	24,700	49.9	126.7	20,200	135
140	43.0	127.1	27,400	45.4	125.2	24,100	47.4	121.0	19,700	140
145	40.5	121.2	25,800	42.9	119.2	23,500	44.8	114.7	19,400	145
150	37.9	114.7	24,300	40.2	112.5	22,900				150
155	35.1	107.5	23,000	37.4	105.2	22,300				155
160	32.1	99.5	21,700	34.3	97.0	21,900				160
165	28.8	90.4	20,500							165
170	25.1	79.9	19,300							170

MLC250 S-2

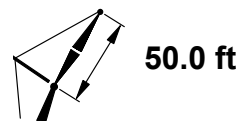
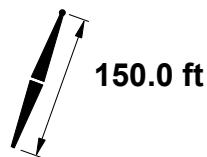
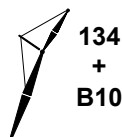
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
40	80.9	194.8	45,200							40
45	79.3	193.8	44,300							45
50	77.8	192.7	43,400	80.4	191.4	39,900				50
55	76.2	191.4	42,600	78.9	190.1	39,300				55
60	74.7	189.9	41,800	77.3	188.6	38,700	79.9	185.7	32,000	60
65	73.1	188.4	40,900	75.7	187.0	38,100	78.3	184.1	30,800	65
70	71.5	186.6	40,200	74.1	185.3	37,400	76.7	182.3	29,600	70
75	69.9	184.7	39,500	72.5	183.3	36,800	75.0	180.4	28,600	75
80	68.2	182.6	38,800	70.8	181.3	36,200	73.4	178.2	27,600	80
85	66.6	180.4	38,200	69.1	179.0	35,600	71.7	175.9	26,700	85
90	64.9	178.0	37,400	67.5	176.6	34,700	69.9	173.5	25,900	90
95	63.2	175.4	36,700	65.7	173.9	33,300	68.2	170.8	25,100	95
100	61.5	172.6	36,100	64.0	171.1	32,100	66.4	167.9	24,400	100
105	59.7	169.6	35,400	62.2	168.1	31,000	64.6	164.8	23,700	105
110	57.9	166.4	34,800	60.4	164.9	29,900	62.8	161.5	23,100	110
115	56.1	163.0	34,300	58.6	161.4	28,900	60.9	158.0	22,600	115
120	54.2	159.3	33,700	56.7	157.7	28,000	58.9	154.2	22,100	120
125	52.3	155.4	32,500	54.7	153.7	27,200	56.9	150.1	21,600	125
130	50.3	151.1	30,500	52.7	149.4	26,400	54.9	145.7	21,000	130
135	48.3	146.6	28,700	50.7	144.9	25,600	52.8	141.0	20,600	135
140	46.2	141.7	27,000	48.5	139.9	25,000	50.6	135.9	20,200	140
145	44.0	136.5	25,400	46.3	134.6	24,300	48.3	130.4	19,900	145
150	41.7	130.8	24,000	44.0	128.8	23,700	45.9	124.5	19,500	150
155	39.3	124.6	22,600	41.6	122.5	23,000	43.3	117.9	19,200	155
160	36.8	117.9	21,300	39.0	115.7	21,700				160
165	34.1	110.5	20,100	36.2	108.1	20,500				165
170	31.2	102.2	19,000	33.2	99.6	19,300				170
175	28.0	92.8	17,900							175
180	24.4	81.9	16,900							180

MLC250 S-2

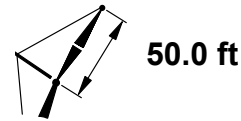
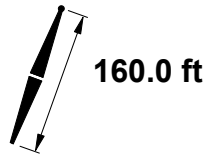
ASME B30.5



	5°			15°			25°			
	ft	o	ft	lb	ft	lb	ft	lb	ft	
45	79.9	204.0	44,400							45
50	78.4	203.0	43,500							50
55	76.9	201.7	42,700							55
60	75.5	200.4	42,000							60
65	74.0	198.9	41,200							65
70	72.5	197.2	40,500	74.9	195.8	37,600	77.4	192.9	30,100	70
75	70.9	195.4	39,800	73.4	194.0	37,100	75.8	191.0	29,100	75
80	69.4	193.5	39,100	71.8	192.1	36,500	74.3	189.0	28,200	80
85	67.8	191.4	38,500	70.3	190.0	35,900	72.7	186.9	27,200	85
90	66.3	189.1	37,900	68.7	187.7	35,500	71.1	184.6	26,400	90
95	64.7	186.7	37,300	67.1	185.2	34,400	69.4	182.1	25,700	95
100	63.1	184.1	36,600	65.4	182.6	33,100	67.8	179.4	24,900	100
105	61.4	181.3	36,000	63.8	179.8	32,000	66.1	176.5	24,300	105
110	59.7	178.3	35,300	62.1	176.8	30,900	64.4	173.4	23,600	110
115	58.0	175.1	34,800	60.4	173.5	29,900	62.6	170.1	23,100	115
120	56.3	171.7	34,100	58.6	170.1	29,000	60.8	166.6	22,500	120
125	54.5	168.1	31,900	56.9	166.4	28,100	59.0	162.9	22,100	125
130	52.7	164.2	29,900	55.0	162.5	27,300	57.1	158.9	21,600	130
135	50.9	160.0	28,100	53.1	158.3	26,600	55.2	154.6	21,100	135
140	48.9	155.6	26,400	51.2	153.8	25,800	53.2	150.0	20,700	140
145	47.0	150.9	24,800	49.2	149.0	25,200	51.1	145.0	20,300	145
150	44.9	145.8	23,400	47.1	143.9	23,900	49.0	139.7	20,000	150
155	42.8	140.3	22,000	45.0	138.3	22,500	46.8	134.0	19,700	155
160	40.6	134.4	20,700	42.7	132.3	21,200	44.4	127.8	19,300	160
165	38.3	128.0	19,500	40.4	125.8	19,900				165
170	35.8	121.0	18,400	37.8	118.7	18,800				170
175	33.2	113.3	17,300	35.2	110.8	17,700				175
180	30.3	104.8	16,300	32.2	102.1	16,600				180
185	27.2	95.1	15,400							185
190	23.7	83.9	14,500							190

MLC250 S-2

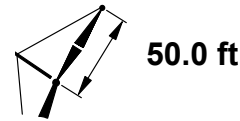
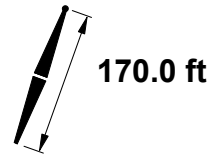
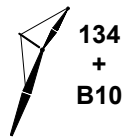
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
45	80.4	214.2	44,400							45
50	79.0	213.2	43,600							50
55	77.6	212.0	42,800	80.0	210.7	39,500				55
60	76.2	210.7	42,100	78.5	209.4	39,000	81.0	206.4	32,800	60
65	74.8	209.3	41,400	77.1	207.9	38,500	79.5	205.0	31,700	65
70	73.3	207.8	40,700	75.7	206.4	37,900	78.0	203.4	30,600	70
75	71.9	206.1	40,000	74.2	204.7	37,300	76.6	201.6	29,500	75
80	70.4	204.2	39,400	72.8	202.8	36,700	75.1	199.7	28,600	80
85	69.0	202.2	38,800	71.3	200.8	36,200	73.6	197.7	27,700	85
90	67.5	200.1	38,200	69.8	198.7	35,700	72.1	195.5	26,900	90
95	66.0	197.8	37,700	68.3	196.3	35,300	70.5	193.2	26,200	95
100	64.5	195.4	37,000	66.7	193.9	34,100	69.0	190.7	25,400	100
105	62.9	192.7	36,400	65.2	191.2	33,000	67.4	188.0	24,800	105
110	61.3	189.9	35,800	63.6	188.4	31,900	65.8	185.1	24,100	110
115	59.8	186.9	35,200	62.0	185.4	30,900	64.1	182.0	23,600	115
120	58.1	183.8	33,600	60.4	182.2	29,900	62.5	178.8	23,000	120
125	56.5	180.4	31,500	58.7	178.8	29,000	60.8	175.3	22,500	125
130	54.8	176.8	29,500	57.0	175.1	28,200	59.0	171.6	22,000	130
135	53.1	173.0	27,700	55.3	171.3	27,400	57.3	167.6	21,600	135
140	51.3	168.9	26,000	53.5	167.2	26,700	55.4	163.4	21,200	140
145	49.5	164.6	24,400	51.7	162.8	25,000	53.6	158.9	20,800	145
150	47.7	159.9	23,000	49.8	158.1	23,500	51.6	154.1	20,500	150
155	45.7	155.0	21,600	47.8	153.1	22,100	49.6	149.0	20,100	155
160	43.8	149.7	20,300	45.8	147.7	20,800	47.6	143.4	19,700	160
165	41.7	144.0	19,100	43.7	142.0	19,600	45.4	137.5	19,500	165
170	39.5	137.9	18,000	41.5	135.8	18,400	43.1	131.0	18,800	170
175	37.3	131.3	17,000	39.2	129.0	17,300				175
180	34.9	124.1	16,000	36.8	121.7	16,300				180
185	32.3	116.1	15,000	34.2	113.6	15,300				185
190	29.6	107.3	14,100	31.3	104.5	14,400				190
195	26.5	97.4	13,300							195
200	23.1	85.8	12,500							200

MLC250 S-2

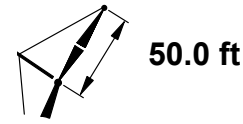
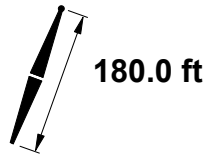
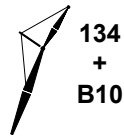
ASME B30.5



ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
45	80.8	224.4	44,400							45
50	79.5	223.4	43,600							50
55	78.2	222.3	42,900	80.4	220.9	39,600				55
60	76.8	221.1	42,200	79.1	219.7	39,100				60
65	75.5	219.7	41,500	77.7	218.3	38,600	80.0	215.3	32,000	65
70	74.1	218.3	40,900	76.4	216.8	38,000	78.6	213.8	31,000	70
75	72.7	216.6	40,200	75.0	215.2	37,500	77.2	212.2	30,000	75
80	71.4	214.9	39,600	73.6	213.5	37,000	75.8	210.4	29,100	80
85	70.0	213.0	39,000	72.2	211.6	36,500	74.4	208.5	28,200	85
90	68.6	211.0	38,500	70.8	209.5	36,000	72.9	206.4	27,400	90
95	67.1	208.8	37,900	69.3	207.3	35,500	71.5	204.2	26,700	95
100	65.7	206.5	37,500	67.9	205.0	35,000	70.0	201.8	25,900	100
105	64.3	204.0	36,800	66.4	202.5	33,900	68.5	199.3	25,300	105
110	62.8	201.4	36,200	64.9	199.9	32,800	67.0	196.6	24,600	110
115	61.3	198.6	35,500	63.4	197.0	31,700	65.5	193.7	24,000	115
120	59.8	195.6	33,200	61.9	194.0	30,800	63.9	190.6	23,500	120
125	58.2	192.4	31,000	60.4	190.8	29,900	62.4	187.4	23,000	125
130	56.7	189.1	29,000	58.8	187.5	29,000	60.7	183.9	22,500	130
135	55.1	185.5	27,200	57.2	183.9	28,000	59.1	180.3	22,000	135
140	53.4	181.8	25,500	55.5	180.1	26,200	57.4	176.4	21,700	140
145	51.8	177.8	23,900	53.8	176.0	24,600	55.7	172.2	21,200	145
150	50.0	173.5	22,500	52.1	171.7	23,100	53.9	167.8	20,900	150
155	48.3	169.0	21,100	50.3	167.1	21,700	52.1	163.1	20,500	155
160	46.5	164.2	19,900	48.5	162.3	20,400	50.2	158.1	20,200	160
165	44.6	159.0	18,700	46.6	157.1	19,200	48.3	152.8	19,600	165
170	42.7	153.5	17,500	44.6	151.5	18,000	46.2	147.0	18,400	170
175	40.7	147.7	16,500	42.6	145.5	16,900	44.1	140.9	17,300	175
180	38.6	141.3	15,500	40.5	139.1	15,900				180
185	36.4	134.5	14,600	38.2	132.1	14,900				185
190	34.0	127.0	13,700	35.8	124.5	14,000				190
195	31.5	118.9	12,800	33.3	116.2	13,100				195
200	28.8	109.8	12,000							200
205	25.9	99.6	11,200							205
210	22.5	87.7	10,500							210

MLC250 S-2

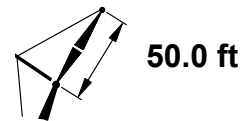
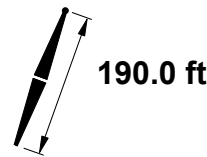
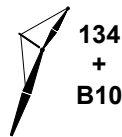
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
50	80.0	233.6	43,600							50
55	78.7	232.6	42,900							55
60	77.4	231.4	42,200							60
65	76.1	230.1	41,600							65
70	74.8	228.7	41,000				80.5	225.7	32,400	70
75	73.5	227.2	40,400	80.9	231.2	39,500	77.8	222.7	30,300	75
80	72.2	225.5	39,800	79.6	230.0	39,100	76.5	221.0	29,500	80
85	70.9	223.7	39,200	78.3	228.7	38,600	75.1	219.1	28,600	85
90	69.5	221.8	38,700	77.0	227.3	38,200	73.8	217.2	27,800	90
95	68.2	219.7	38,200	75.7	225.7	37,700	72.4	215.1	27,100	95
100	66.8	217.5	37,700	74.3	224.1	37,200	71.0	212.8	26,400	100
105	65.5	215.2	37,100	73.0	222.3	36,700	69.6	210.4	25,800	105
110	64.1	212.7	36,600	71.7	220.3	36,200	68.2	207.9	25,100	110
115	62.7	210.1	35,100	70.3	218.2	35,800	66.7	205.2	24,500	115
120	61.2	207.2	32,800	68.9	216.0	35,300	65.2	202.3	24,000	120
125	59.8	204.3	30,600	67.5	213.7	34,800	63.8	199.2	23,400	125
130	58.3	201.1	28,600	66.1	211.2	33,700	62.2	196.0	22,900	130
135	56.8	197.8	26,800	64.7	208.5	32,600	60.7	192.6	22,600	135
140	55.3	194.3	25,100	63.3	205.7	31,700	59.1	188.9	22,100	140
145	53.7	190.5	23,500	61.8	202.7	30,800	57.5	185.1	21,700	145
150	52.1	186.6	22,100	60.3	199.5	29,500	55.9	181.0	21,300	150
155	50.5	182.4	20,700	58.8	196.1	27,600	54.2	176.7	20,900	155
160	48.8	178.0	19,400	57.3	192.6	25,900	52.5	172.1	20,600	160
165	47.1	173.3	18,200	55.7	188.8	24,200	50.7	167.2	19,300	165
170	45.4	168.3	17,100	54.1	184.8	22,700	48.9	162.0	18,100	170
175	43.6	162.9	16,100	52.5	180.6	21,300	47.0	156.5	17,000	175
180	41.7	157.3	15,100	50.8	176.1	20,000	45.0	150.6	15,900	180
185	39.7	151.2	14,200	49.1	171.4	18,800	43.0	144.2	14,900	185
190	37.7	144.7	13,300	47.3	166.3	17,600				190
195	35.5	137.6	12,400	45.4	160.9	16,600				195
200	33.2	129.9	11,600	43.5	155.2	15,500				200
205	30.8	121.5	10,900	41.5	149.0	14,600				205
210	28.2	112.2	10,100	39.4	142.4	13,600				210
215	25.3	101.7	9,400	37.3	135.2	12,800				215
220	22.0	89.6	8,800	34.9	127.4	11,900				220
				32.4	118.8	11,100				220

MLC250 S-2

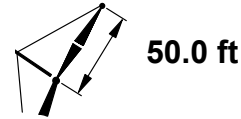
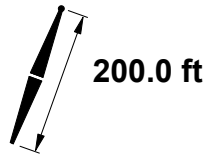
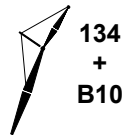
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	lb	ft		
50	80.4	243.8	43,600						50	
55	79.2	242.8	42,900						55	
60	77.9	241.7	42,300	80.0	240.3	39,000			60	
65	76.7	240.4	41,600	78.8	239.0	38,600	80.9	236.0	32,700	
70	75.5	239.1	41,000	77.5	237.7	38,200	79.6	234.6	31,700	
75	74.2	237.6	40,400	76.3	236.2	37,700	78.4	233.1	30,800	
80	73.0	236.0	39,900	75.0	234.6	37,300	77.1	231.5	29,900	
85	71.7	234.3	39,400	73.8	232.9	36,800	75.8	229.7	29,000	
90	70.4	232.5	38,800	72.5	231.0	36,400	74.5	227.9	28,200	
95	69.2	230.6	38,400	71.2	229.1	35,900	73.2	225.9	27,500	
100	67.9	228.5	37,800	69.9	227.0	35,500	71.9	223.7	26,800	
105	66.6	226.2	37,300	68.6	224.7	35,100	70.5	221.5	26,200	
110	65.2	223.9	36,900	67.2	222.3	34,500	69.2	219.0	25,600	
115	63.9	221.4	34,600	65.9	219.8	33,500	67.8	216.5	25,000	
120	62.5	218.7	32,200	64.5	217.1	32,500	66.4	213.8	24,400	
125	61.2	215.9	30,000	63.1	214.3	31,000	65.0	210.9	23,900	
130	59.8	212.9	28,000	61.7	211.3	29,000	63.6	207.8	23,400	
135	58.4	209.8	26,200	60.3	208.2	27,100	62.1	204.6	23,000	
140	56.9	206.5	24,500	58.9	204.8	25,300	60.7	201.2	22,500	
145	55.5	203.0	22,900	57.4	201.3	23,700	59.2	197.6	22,100	
150	54.0	199.3	21,500	55.9	197.6	22,200	57.6	193.8	21,700	
155	52.5	195.4	20,100	54.4	193.6	20,800	56.1	189.8	21,400	
160	50.9	191.3	18,900	52.8	189.5	19,500	54.5	185.6	20,100	
165	49.4	186.9	17,700	51.2	185.1	18,300	52.9	181.1	18,800	
170	47.7	182.3	16,500	49.6	180.4	17,100	51.2	176.3	17,600	
175	46.1	177.4	15,500	47.9	175.5	16,000	49.4	171.2	16,500	
180	44.3	172.3	14,500	46.2	170.2	15,000	47.7	165.9	15,400	
185	42.6	166.8	13,600	44.4	164.7	14,000	45.8	160.1	14,400	
190	40.7	160.9	12,700	42.5	158.7	13,100	43.9	154.0	13,400	
195	38.8	154.6	11,800	40.5	152.4	12,200				
200	36.8	147.9	11,000	38.5	145.5	11,400				
205	34.7	140.6	10,300	36.4	138.1	10,600				
210	32.5	132.8	9,500	34.1	130.1	9,800				
215	30.1	124.1	8,900	31.7	121.3	9,100				
220	27.5	114.6	8,200							
225	24.7	103.8	7,500							
230	21.5	91.4	6,900							

MLC250 S-2

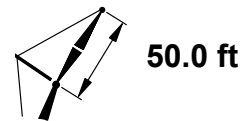
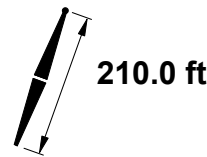
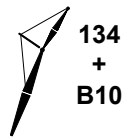
ASME B30.5



	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
50	80.8	254.0	43,400							50
55	79.6	253.0	42,800							55
60	78.4	251.9	42,200	80.4	250.5	38,900				60
65	77.3	250.8	41,600	79.2	249.3	38,500				65
70	76.1	249.5	41,000	78.1	248.0	38,200	80.1	244.9	32,000	70
75	74.9	248.1	40,400	76.9	246.6	37,800	78.8	243.5	31,100	75
80	73.7	246.6	39,900	75.7	245.1	37,400	77.6	242.0	30,200	80
85	72.5	244.9	39,400	74.4	243.5	36,900	76.4	240.3	29,400	85
90	71.3	243.2	38,900	73.2	241.7	36,500	75.2	238.5	28,700	90
95	70.0	241.3	38,400	72.0	239.8	36,100	73.9	236.6	27,900	95
100	68.8	239.3	37,900	70.7	237.8	35,700	72.6	234.6	27,200	100
105	67.6	237.2	37,500	69.5	235.7	35,300	71.4	232.4	26,600	105
110	66.3	234.9	36,800	68.2	233.4	34,900	70.1	230.1	25,900	110
115	65.0	232.6	34,100	66.9	231.0	34,300	68.8	227.7	25,400	115
120	63.7	230.0	31,800	65.7	228.5	32,900	67.5	225.1	24,900	120
125	62.4	227.4	29,600	64.3	225.8	30,600	66.2	222.4	24,300	125
130	61.1	224.6	27,600	63.0	223.0	28,600	64.8	219.5	23,800	130
135	59.8	221.6	25,800	61.7	220.0	26,700	63.4	216.4	23,400	135
140	58.4	218.5	24,100	60.3	216.8	24,900	62.1	213.2	22,900	140
145	57.1	215.2	22,500	58.9	213.5	23,300	60.6	209.9	22,500	145
150	55.7	211.7	21,000	57.5	210.0	21,800	59.2	206.3	22,100	150
155	54.3	208.0	19,700	56.1	206.3	20,400	57.8	202.5	21,100	155
160	52.8	204.2	18,400	54.6	202.4	19,100	56.3	198.6	19,700	160
165	51.3	200.1	17,200	53.1	198.3	17,900	54.7	194.4	18,500	165
170	49.8	195.9	16,100	51.6	194.0	16,700	53.2	190.0	17,300	170
175	48.3	191.3	15,100	50.1	189.4	15,600	51.6	185.3	16,100	175
180	46.7	186.6	14,100	48.4	184.6	14,600	49.9	180.4	15,100	180
185	45.1	181.5	13,100	46.8	179.5	13,600	48.3	175.1	14,100	185
190	43.4	176.2	12,200	45.1	174.1	12,700	46.5	169.6	13,100	190
195	41.6	170.5	11,400	43.3	168.3	11,800	44.7	163.7	12,200	195
200	39.9	164.4	10,600	41.5	162.2	11,000	42.8	157.3	11,300	200
205	38.0	158.0	9,800	39.6	155.7	10,200				205
210	36.0	151.1	9,100	37.6	148.6	9,500				210
215	34.0	143.6	8,400	35.5	141.0	8,700				215
220	31.8	135.5	7,800	33.3	132.8	8,000				220
225	29.5	126.7	7,100							225
230	26.9	116.9	6,500							230
235	24.2	105.9	5,900							235
240	21.0	93.1	5,400							240

MLC250 S-2

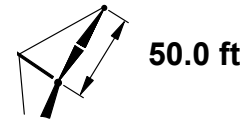
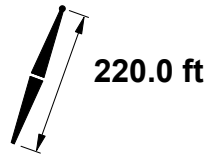
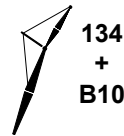
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	lb	ft		
55	80.0	263.2	42,700							55
60	78.9	262.2	42,100							60
65	77.8	261.0	41,500							65
70	76.6	259.8	41,000							70
75	75.5	258.5	40,400							75
80	74.3	257.0	39,900	80.8	260.7	38,900				80
85	73.2	255.5	39,400	79.7	259.6	38,500				85
90	72.0	253.8	39,000	78.5	258.4	38,100	80.5	255.2	32,400	90
95	70.8	252.0	38,500	77.4	257.0	37,800	79.3	253.9	31,400	95
100	69.7	250.1	38,000	76.2	255.5	37,400	78.1	252.4	30,600	100
105	68.5	248.1	37,600	75.1	254.0	37,000	77.0	250.8	29,800	105
110	67.3	245.9	36,300	73.9	252.3	36,600	75.8	249.1	29,000	110
115	66.1	243.6	33,700	72.7	250.5	36,200	74.6	247.3	28,300	115
120	64.8	241.2	31,300	71.5	248.6	35,800	73.4	245.3	27,600	120
125	63.6	238.7	29,100	70.3	246.5	35,500	72.2	243.3	27,000	125
130	62.4	236.0	27,100	69.1	244.4	35,100	70.9	241.1	26,400	130
135	61.1	233.2	25,300	67.9	242.1	34,700	69.7	238.8	25,800	135
140	59.8	230.3	23,600	66.7	239.7	32,400	68.4	236.3	25,200	140
145	58.5	227.1	22,000	65.4	237.1	30,200	67.2	233.7	24,700	145
150	57.2	223.9	20,500	64.2	234.4	28,100	65.9	231.0	24,200	150
155	55.8	220.4	19,200	62.9	231.6	26,300	64.6	228.1	23,800	155
160	54.5	216.8	17,900	61.6	228.6	24,500	63.3	225.1	23,400	160
165	53.1	213.0	16,700	60.3	225.5	22,900	62.0	221.9	22,900	165
170	51.7	209.0	15,600	59.0	222.2	21,400	60.6	218.5	22,100	170
175	50.2	204.8	14,600	57.6	218.7	20,000	59.2	215.0	20,700	175
180	48.8	200.3	13,600	56.2	215.0	18,600	57.8	211.3	19,300	180
185	47.3	195.6	12,600	54.9	211.2	17,400	56.4	207.3	18,000	185
190	45.7	190.7	11,700	53.4	207.2	16,300	55.0	203.2	16,900	190
195	44.1	185.5	10,900	52.0	202.9	15,200	53.5	198.9	15,700	195
200	42.5	180.0	10,100	50.5	198.4	14,100	52.0	194.3	14,700	200
205	40.8	174.1	9,400	49.0	193.7	13,200	50.4	189.5	13,600	205
210	39.0	167.9	8,600	47.4	188.7	12,300	48.8	184.4	12,700	210
215	37.2	161.3	7,900	45.8	183.4	11,400	47.1	179.0	11,800	215
220	35.3	154.2	7,300	44.1	177.9	10,600	45.4	173.2	10,900	220
225	33.3	146.5	6,700	42.4	171.9	9,800	43.7	167.1	10,100	225
230	31.1	138.2	6,100	40.6	165.6	9,000				230
235	28.8	129.2	5,500	38.8	158.9	8,300				235
240	26.4	119.2	4,900	36.8	151.7	7,600				240
245	23.7	107.9	4,400	34.8	143.9	6,900				245

MLC250 S-2

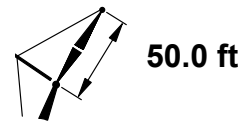
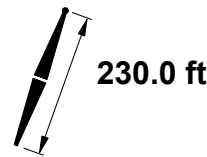
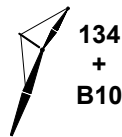
ASME B30.5



	5°			15°			25°			
	ft	o	lb	ft	o	lb	ft	o	lb	
55	80.4	273.4	42,500							55
60	79.3	272.4	41,900							60
65	78.2	271.3	41,400							65
70	77.1	270.1	40,800	80.1	269.9	38,400				70
75	76.0	268.8	40,400	79.0	268.7	38,000	80.8	265.5	32,700	75
80	74.9	267.4	39,900	77.9	267.4	37,700	79.7	264.2	31,800	80
85	73.8	265.9	39,400	76.8	266.0	37,400	78.6	262.8	30,900	85
90	72.7	264.3	38,900	75.6	264.5	37,000	77.5	261.3	30,100	90
95	71.6	262.6	38,500	74.5	262.8	36,700	76.3	259.6	29,400	95
100	70.5	260.8	38,100	73.4	261.1	36,300	75.2	257.9	28,700	100
105	69.3	258.9	37,600	72.3	259.3	35,900	74.0	256.0	28,000	105
110	68.2	256.8	35,800	71.1	257.3	35,500	72.9	254.0	27,300	110
115	67.0	254.6	33,200	70.0	255.3	35,100	71.7	252.0	26,800	115
120	65.8	252.3	30,800	68.8	253.1	34,500	70.5	249.7	26,200	120
125	64.7	249.9	28,700	67.6	250.8	32,100	69.3	247.4	25,600	125
130	63.5	247.4	26,700	66.4	248.3	29,800	68.1	244.9	25,100	130
135	62.3	244.7	24,800	65.2	245.8	27,700	66.9	242.3	24,600	135
140	61.0	241.9	23,100	64.0	243.1	25,900	65.7	239.6	24,100	140
145	59.8	238.9	21,600	62.8	240.2	24,100	64.4	236.7	23,700	145
150	58.6	235.8	20,100	61.5	237.3	22,500	63.2	233.7	23,300	150
155	57.3	232.5	18,700	60.3	234.1	21,000	61.9	230.5	21,800	155
160	56.0	229.1	17,500	59.0	230.8	19,600	60.6	227.2	20,300	160
165	54.7	225.5	16,300	57.7	227.4	18,200	59.3	223.6	19,000	165
170	53.4	221.8	15,200	56.4	223.8	17,000	57.9	220.0	17,700	170
175	52.0	217.8	14,100	55.1	220.0	15,900	56.6	216.1	16,500	175
180	50.6	213.6	13,100	53.7	216.0	14,800	55.2	212.0	15,400	180
185	49.2	209.3	12,200	52.3	211.8	13,700	53.8	207.7	14,300	185
190	47.8	204.7	11,300	50.9	207.4	12,800	52.3	203.2	13,300	190
195	46.3	199.9	10,500	49.4	202.7	11,800	50.8	198.5	12,300	195
200	44.8	194.8	9,700	47.9	197.9	11,000	49.3	193.5	11,400	200
205	43.2	189.4	8,900	46.4	192.7	10,200	47.7	188.3	10,600	205
210	41.6	183.7	8,200	44.8	187.3	9,400	46.1	182.7	9,700	210
215	40.0	177.7	7,500	43.2	181.5	8,600	44.4	176.8	9,000	215
220	38.2	171.3	6,900	41.5	175.4	7,900	42.7	170.5	8,200	220
225	36.5	164.5	6,200	39.8	169.0	7,200				225
230	34.6	157.2	5,600	37.9	162.1	6,600				230
235	32.6	149.4	5,100	36.0	154.6	5,900				235
240	30.5	140.9	4,500	34.0	146.7	5,300				240
245	28.3	131.6	4,000	31.9	138.0	4,700				245

MLC250 S-2

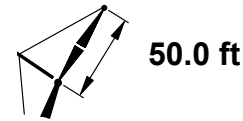
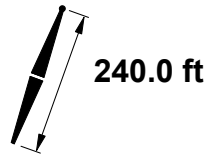
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	ft	lb		
55	80.7	283.6	42,200							55
60	79.7	282.6	41,700							60
65	78.6	281.6	41,200	80.4	280.1	38,200				65
70	77.6	280.4	40,700	79.4	278.9	37,900				70
75	76.5	279.2	40,200	78.3	277.7	37,600	80.1	274.5	32,100	75
80	75.5	277.8	39,700	77.2	276.3	37,300	79.0	273.2	31,200	80
85	74.4	276.4	39,300	76.2	274.9	37,000	77.9	271.7	30,400	85
90	73.3	274.8	38,800	75.1	273.3	36,700	76.8	270.1	29,700	90
95	72.3	273.2	38,400	74.0	271.7	36,300	75.7	268.4	29,000	95
100	71.2	271.5	38,000	72.9	269.9	35,900	74.6	266.7	28,300	100
105	70.1	269.6	37,600	71.8	268.1	35,600	73.5	264.8	27,700	105
110	69.0	267.6	35,300	70.7	266.1	35,200	72.4	262.8	27,100	110
115	67.9	265.5	32,700	69.6	264.0	34,000	71.3	260.6	26,600	115
120	66.8	263.3	30,300	68.5	261.8	31,500	70.1	258.4	26,000	120
125	65.6	261.0	28,100	67.3	259.5	29,300	69.0	256.1	25,500	125
130	64.5	258.6	26,100	66.2	257.0	27,200	67.8	253.6	25,100	130
135	63.3	256.0	24,300	65.0	254.4	25,300	66.7	251.0	24,500	135
140	62.2	253.4	22,600	63.9	251.7	23,600	65.5	248.2	24,100	140
145	61.0	250.5	21,000	62.7	248.9	21,900	64.3	245.3	22,900	145
150	59.8	247.6	19,500	61.5	245.9	20,400	63.1	242.3	21,300	150
155	58.6	244.5	18,100	60.3	242.8	19,000	61.8	239.1	19,800	155
160	57.4	241.2	16,900	59.0	239.5	17,700	60.6	235.8	18,500	160
165	56.2	237.8	15,700	57.8	236.1	16,500	59.3	232.3	17,200	165
170	54.9	234.3	14,600	56.5	232.5	15,300	58.0	228.7	16,000	170
175	53.6	230.5	13,500	55.2	228.7	14,200	56.7	224.8	14,800	175
180	52.3	226.6	12,500	53.9	224.8	13,200	55.4	220.8	13,800	180
185	51.0	222.5	11,600	52.6	220.6	12,200	54.0	216.6	12,800	185
190	49.6	218.2	10,700	51.2	216.3	11,300	52.6	212.2	11,800	190
195	48.3	213.7	9,900	49.8	211.7	10,400	51.2	207.5	10,900	195
200	46.9	209.0	9,100	48.4	207.0	9,600	49.7	202.6	10,000	200
205	45.4	204.0	8,300	47.0	201.9	8,800	48.2	197.5	9,200	205
210	43.9	198.7	7,600	45.5	196.6	8,100	46.7	192.1	8,400	210
215	42.4	193.2	6,900	43.9	191.0	7,300	45.1	186.3	7,700	215
220	40.8	187.4	6,300	42.3	185.1	6,700	43.5	180.3	7,000	220
225	39.2	181.2	5,600	40.7	178.9	6,000				225
230	37.5	174.6	5,000	39.0	172.2	5,400				230
235	35.8	167.7	4,500	37.2	165.1	4,800				235
240				35.3	157.6	4,200				240

MLC250 S-2

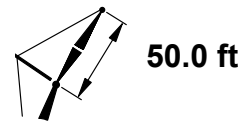
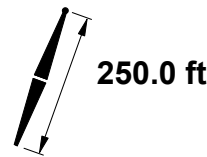
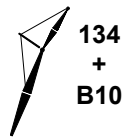
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
60	80.1	292.8	41,500							60
65	79.0	291.8	40,900							65
70	78.0	290.7	40,500							70
75	77.0	289.5	40,100							75
80	76.0	288.2	39,600							80
85	75.0	286.8	39,100	76.7	285.3	36,900	78.4	282.1	30,800	85
90	73.9	285.3	38,700	75.6	283.8	36,600	77.3	280.6	30,000	90
95	72.9	283.7	38,400	74.6	282.2	36,300	76.3	279.0	29,300	95
100	71.9	282.1	38,000	73.5	280.5	35,900	75.2	277.3	28,700	100
105	70.8	280.3	37,500	72.5	278.7	35,600	74.1	275.4	28,000	105
110	69.8	278.4	34,800	71.4	276.8	35,300	73.1	273.5	27,400	110
115	68.7	276.4	32,200	70.4	274.8	33,600	72.0	271.5	26,900	115
120	67.6	274.3	29,800	69.3	272.7	31,100	70.9	269.3	26,300	120
125	66.5	272.1	27,600	68.2	270.5	28,900	69.8	267.1	25,900	125
130	65.4	269.7	25,600	67.1	268.1	26,800	68.7	264.7	25,400	130
135	64.3	267.3	23,800	66.0	265.7	24,900	67.6	262.2	24,900	135
140	63.2	264.7	22,100	64.9	263.1	23,100	66.4	259.6	24,200	140
145	62.1	262.0	20,500	63.7	260.4	21,500	65.3	256.8	22,500	145
150	61.0	259.2	19,100	62.6	257.5	20,000	64.1	254.0	20,900	150
155	59.8	256.2	17,700	61.4	254.6	18,600	62.9	250.9	19,400	155
160	58.7	253.1	16,400	60.3	251.4	17,300	61.8	247.8	18,100	160
165	57.5	249.9	15,200	59.1	248.2	16,000	60.5	244.5	16,800	165
170	56.3	246.5	14,100	57.9	244.8	14,900	59.3	241.0	15,600	170
175	55.1	243.0	13,100	56.7	241.2	13,800	58.1	237.4	14,500	175
180	53.9	239.3	12,100	55.4	237.5	12,800	56.8	233.6	13,400	180
185	52.6	235.4	11,100	54.2	233.6	11,800	55.5	229.6	12,400	185
190	51.3	231.4	10,200	52.9	229.5	10,900	54.2	225.4	11,400	190
195	50.0	227.1	9,400	51.6	225.2	10,000	52.9	221.1	10,500	195
200	48.7	222.7	8,600	50.2	220.7	9,200	51.5	216.5	9,700	200
205	47.4	218.0	7,900	48.9	216.0	8,400	50.2	211.7	8,800	205
210	46.0	213.1	7,100	47.5	211.1	7,600	48.7	206.7	8,100	210
215	44.6	208.0	6,400	46.0	205.9	6,900	47.3	201.4	7,300	215
220	43.1	202.6	5,800	44.6	200.5	6,200	45.8	195.8	6,600	220
225	41.6	196.9	5,200	43.1	194.7	5,600	44.2	189.9	5,900	225
230	40.1	191.0	4,600	41.5	188.7	5,000	42.6	183.7	5,300	230
235	38.5	184.6	4,000	39.9	182.3	4,400				235

MLC250 S-2

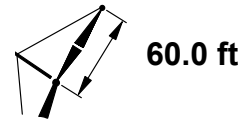
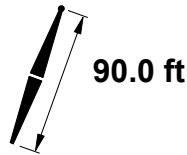
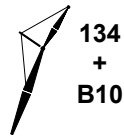
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	ft	lb		
60	80.4	303.0	41,100							60
65	79.4	302.0	40,700							65
70	78.4	300.9	40,200	80.1	299.5	37,500				70
75	77.5	299.8	39,800	79.1	298.3	37,200	80.8	295.1	32,600	75
80	76.5	298.5	39,300	78.1	297.0	37,000	79.8	293.8	31,800	80
85	75.5	297.2	39,000	77.1	295.7	36,700	78.8	292.5	31,100	85
90	74.5	295.8	38,600	76.1	294.3	36,500	77.8	291.0	30,300	90
95	73.5	294.2	38,200	75.1	292.7	36,200	76.8	289.5	29,600	95
100	72.5	292.6	37,800	74.1	291.1	35,900	75.7	287.8	29,000	100
105	71.5	290.9	37,400	73.1	289.4	35,600	74.7	286.1	28,400	105
110	70.5	289.1	35,000	72.1	287.5	35,300	73.7	284.2	27,800	110
115	69.4	287.2	32,300	71.1	285.6	33,700	72.6	282.3	27,200	115
120	68.4	285.1	29,900	70.0	283.6	31,300	71.6	280.2	26,700	120
125	67.4	283.0	27,800	69.0	281.4	29,000	70.5	278.0	26,200	125
130	66.3	280.8	25,800	67.9	279.2	26,900	69.5	275.7	25,700	130
135	65.3	278.4	23,900	66.9	276.8	25,000	68.4	273.4	25,300	135
140	64.2	276.0	22,200	65.8	274.3	23,300	67.3	270.8	24,300	140
145	63.1	273.4	20,600	64.7	271.7	21,600	66.2	268.2	22,600	145
150	62.0	270.7	19,200	63.6	269.0	20,100	65.1	265.5	21,000	150
155	60.9	267.9	17,800	62.5	266.2	18,700	64.0	262.6	19,600	155
160	59.8	264.9	16,500	61.4	263.2	17,400	62.8	259.6	18,200	160
165	58.7	261.8	15,300	60.3	260.1	16,200	61.7	256.4	16,900	165
170	57.6	258.6	14,200	59.1	256.9	15,000	60.5	253.1	15,700	170
175	56.4	255.2	13,200	58.0	253.5	13,900	59.4	249.7	14,600	175
180	55.3	251.7	12,200	56.8	249.9	12,900	58.2	246.1	13,500	180
185	54.1	248.0	11,200	55.6	246.2	11,900	56.9	242.3	12,500	185
190	52.9	244.2	10,300	54.4	242.4	11,000	55.7	238.4	11,600	190
195	51.6	240.2	9,500	53.1	238.3	10,100	54.5	234.3	10,700	195
200	50.4	236.0	8,700	51.9	234.1	9,300	53.2	230.0	9,800	200
205	49.1	231.6	8,000	50.6	229.7	8,500	51.9	225.5	9,000	205
210	47.8	227.1	7,200	49.3	225.1	7,800	50.5	220.8	8,200	210
215	46.5	222.3	6,600	48.0	220.2	7,000	49.2	215.8	7,500	215
220	45.2	217.2	5,900	46.6	215.2	6,400	47.8	210.6	6,800	220
225	43.8	212.0	5,300	45.2	209.8	5,700	46.3	205.2	6,100	225
230	42.3	206.4	4,700	43.7	204.2	5,100	44.9	199.5	5,400	230
235	40.9	200.6	4,100	42.3	198.3	4,500	43.3	193.4	4,800	235

MLC250 S-2

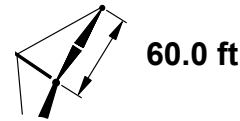
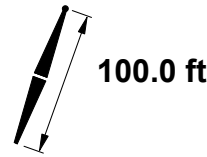
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
35	80.4	155.1	39,100							35
40	78.5	154.0	38,000							40
45	76.5	152.7	36,900	80.5	151.5	34,000				45
50	74.5	151.2	35,900	78.5	150.0	33,100				50
55	72.5	149.6	34,800	76.5	148.3	32,200	80.6	145.6	27,000	55
60	70.4	147.7	33,800	74.4	146.4	31,400	78.5	143.6	25,500	60
65	68.4	145.6	32,700	72.3	144.3	30,700	76.4	141.5	24,200	65
70	66.3	143.3	31,900	70.2	142.0	30,000	74.2	139.1	23,100	70
75	64.1	140.8	31,000	68.1	139.5	29,100	72.0	136.5	22,100	75
80	61.9	138.0	30,200	65.9	136.7	27,600	69.8	133.7	21,200	80
85	59.7	135.0	29,400	63.6	133.6	26,200	67.5	130.5	20,300	85
90	57.4	131.7	28,700	61.3	130.3	25,000	65.1	127.1	19,500	90
95	55.1	128.1	28,000	58.9	126.7	23,900	62.6	123.4	18,800	95
100	52.6	124.2	27,300	56.5	122.7	22,900	60.1	119.3	18,200	100
105	50.1	119.9	26,300	53.9	118.4	22,000	57.5	114.8	17,600	105
110	47.5	115.2	25,100	51.2	113.6	21,100	54.7	109.9	17,100	110
115	44.8	110.1	23,900	48.5	108.4	20,300	51.8	104.5	16,500	115
120	41.9	104.4	22,900	45.5	102.6	19,600	48.8	98.4	16,100	120
125	38.8	98.1	22,000	42.4	96.2	18,900	45.5	91.7	15,700	125
130	35.5	91.0	21,100	39.0	88.9	18,400	41.9	84.0	15,300	130
135	31.8	82.9	20,300	35.2	80.6	17,800				135
140	27.8	73.5	19,500	31.0	70.8	17,300				140
145	22.9	61.9	18,900							145

MLC250 S-2

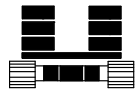
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	ft	lb		
35	81.0	165.3	39,300							35
40	79.2	164.3	38,300							40
45	77.3	163.1	37,200							45
50	75.5	161.7	36,300	79.3	160.4	33,300				50
55	73.6	160.1	35,300	77.4	158.8	32,600				55
60	71.7	158.4	34,300	75.5	157.1	31,800	79.3	154.2	26,100	60
65	69.8	156.5	33,300	73.5	155.2	31,000	77.3	152.2	24,800	65
70	67.9	154.3	32,500	71.6	153.0	30,400	75.3	150.0	23,700	70
75	65.9	152.0	31,600	69.6	150.7	29,700	73.3	147.6	22,600	75
80	63.9	149.5	30,800	67.5	148.1	28,700	71.2	145.0	21,700	80
85	61.8	146.7	30,100	65.5	145.3	27,300	69.1	142.1	20,900	85
90	59.7	143.7	29,300	63.4	142.3	26,100	67.0	139.0	20,200	90
95	57.6	140.4	28,700	61.2	138.9	25,000	64.7	135.6	19,400	95
100	55.4	136.9	28,100	59.0	135.4	23,900	62.5	132.0	18,700	100
105	53.1	133.0	27,400	56.7	131.5	23,000	60.1	128.0	18,200	105
110	50.8	128.8	26,600	54.3	127.2	22,100	57.7	123.6	17,600	110
115	48.4	124.3	25,500	51.9	122.6	21,300	55.1	118.8	17,100	115
120	45.9	119.4	24,300	49.3	117.6	20,500	52.5	113.6	16,600	120
125	43.2	113.9	23,400	46.6	112.1	19,900	49.7	107.9	16,200	125
130	40.4	108.0	22,400	43.8	106.0	19,200	46.7	101.6	15,800	130
135	37.5	101.4	21,500	40.8	99.3	18,600	43.5	94.5	15,500	135
140	34.3	94.0	20,800	37.5	91.7	18,100				140
145	30.8	85.5	20,100	33.9	83.0	17,600				145
150	26.8	75.7	19,400							150
155	22.1	63.7	18,700							155

MLC250 S-2

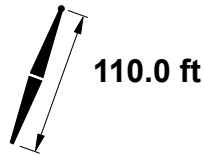
ASME B30.5



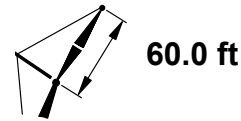
184,600 lb
+
44,000 lb



360°



110.0 ft

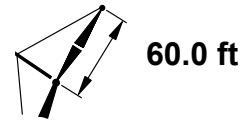
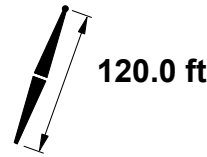


60.0 ft

	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
40	79.8		174.5							40
45	78.1		173.4							45
50	76.4		172.1							50
55	74.6		170.6		79.9	170.8				55
60	72.8		169.0		78.2	169.3				60
65	71.0		167.2		76.4	167.7			80.0	65
70	69.2		165.2		74.6	165.9			164.7	70
75	67.4		163.0		72.7	163.9			26,500	75
80	65.5		160.7		70.9	161.7				80
85	63.6		158.1		69.0	159.3				85
90	61.7		155.3		67.1	156.7				90
95	59.7		152.3		65.1	153.9				95
100	57.7		149.1		63.2	150.9				100
105	55.7		145.6		61.1	147.6				105
110	53.6		141.8		59.0	144.0				110
115	51.4		137.7		56.9	140.2				115
120	49.1		133.3		54.7	136.1				120
125	46.8		128.5		52.4	131.6				125
130	44.4		123.3		50.1	126.8				130
135	41.8		117.6		47.6	121.5				135
140	39.1		111.4		45.0	115.7				140
145	36.3		104.5		42.2	109.3				145
150	33.2		96.8		39.3	102.3				150
155	29.8		88.1		36.1	94.4				155
160	25.9		77.9		32.6	85.4				160
165	21.4		65.5							165

MLC250 S-2

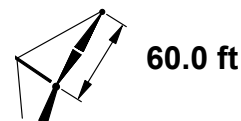
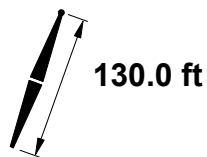
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	ft	lb		
40	80.4	184.7	38,600							40
45	78.8	183.6	37,700							45
50	77.1	182.4	36,900	80.5	181.1	33,700				50
55	75.5	181.0	36,000	78.8	179.7	33,000				55
60	73.8	179.5	35,200	77.2	178.2	32,300	80.6	175.1	26,900	60
65	72.1	177.8	34,300	75.5	176.5	31,700	78.9	173.4	25,700	65
70	70.5	176.0	33,400	73.8	174.6	31,000	77.1	171.5	24,700	70
75	68.7	174.0	32,600	72.0	172.6	30,400	75.4	169.4	23,700	75
80	67.0	171.8	31,900	70.3	170.3	29,900	73.6	167.1	22,800	80
85	65.2	169.4	31,200	68.5	167.9	29,400	71.8	164.7	22,000	85
90	63.4	166.8	30,500	66.7	165.3	28,100	69.9	162.0	21,200	90
95	61.6	164.0	29,900	64.9	162.5	27,000	68.0	159.2	20,500	95
100	59.8	161.0	29,200	63.0	159.5	25,900	66.1	156.1	19,800	100
105	57.9	157.8	28,600	61.1	156.2	24,900	64.2	152.7	19,200	105
110	55.9	154.3	28,100	59.1	152.7	24,000	62.2	149.1	18,700	110
115	53.9	150.6	27,600	57.1	149.0	23,100	60.1	145.3	18,200	115
120	51.9	146.6	27,000	55.0	144.9	22,300	58.0	141.1	17,700	120
125	49.8	142.3	26,100	52.9	140.5	21,600	55.8	136.6	17,200	125
130	47.6	137.6	25,100	50.7	135.8	20,900	53.5	131.7	16,800	130
135	45.4	132.6	24,200	48.4	130.7	20,300	51.1	126.5	16,400	135
140	43.0	127.2	23,300	46.0	125.2	19,700	48.7	120.7	16,100	140
145	40.5	121.2	22,400	43.5	119.2	19,200	46.0	114.4	15,700	145
150	37.9	114.7	21,700	40.8	112.6	18,600	43.2	107.5	15,400	150
155	35.2	107.6	21,000	38.0	105.2	18,200				155
160	32.2	99.6	20,300	34.9	97.0	17,700				160
165	28.9	90.5	19,700	31.5	87.7	17,400				165
170	25.1	80.0	19,100							170
175	20.8	67.2	18,600							175

MLC250 S-2

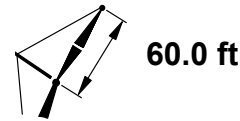
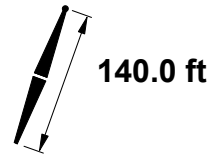
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
40	80.9	194.9	38,700							40
45	79.4	193.9	37,800							45
50	77.8	192.7	37,000	81.0	191.4	33,900				50
55	76.3	191.4	36,300	79.5	190.1	33,300				55
60	74.7	190.0	35,500	77.9	188.6	32,500				60
65	73.1	188.4	34,700	76.3	187.0	31,900	79.5	183.9	26,100	65
70	71.5	186.7	33,900	74.7	185.2	31,300	77.9	182.1	25,100	70
75	69.9	184.8	33,100	73.0	183.3	30,700	76.2	180.1	24,100	75
80	68.3	182.7	32,400	71.4	181.2	30,200	74.5	178.0	23,200	80
85	66.6	180.5	31,600	69.7	179.0	29,600	72.8	175.7	22,400	85
90	65.0	178.0	31,000	68.0	176.6	29,100	71.1	173.2	21,600	90
95	63.3	175.4	30,300	66.3	173.9	27,800	69.4	170.6	21,000	95
100	61.5	172.7	29,700	64.6	171.1	26,800	67.6	167.7	20,400	100
105	59.8	169.7	29,100	62.8	168.1	25,700	65.8	164.6	19,700	105
110	58.0	166.5	28,600	61.0	164.9	24,900	63.9	161.3	19,100	110
115	56.2	163.0	28,100	59.2	161.4	24,000	62.0	157.7	18,600	115
120	54.3	159.4	27,500	57.3	157.7	23,200	60.1	153.9	18,100	120
125	52.4	155.4	27,000	55.3	153.7	22,400	58.1	149.8	17,700	125
130	50.4	151.2	26,400	53.3	149.4	21,700	56.0	145.4	17,200	130
135	48.4	146.7	25,400	51.3	144.8	21,100	53.9	140.7	16,900	135
140	46.2	141.8	24,500	49.1	139.9	20,400	51.7	135.6	16,500	140
145	44.1	136.5	23,600	46.9	134.6	19,900	49.4	130.1	16,200	145
150	41.8	130.9	22,800	44.6	128.8	19,400	47.0	124.1	15,900	150
155	39.4	124.7	22,100	42.2	122.5	18,900	44.5	117.6	15,600	155
160	36.8	118.0	21,400	39.6	115.7	18,400	41.8	110.4	15,300	160
165	34.1	110.5	20,800	36.8	108.1	18,000				165
170	31.2	102.3	19,800	33.8	99.6	17,600				170
175	28.0	92.9	18,700	30.5	89.9	17,300				175
180	24.4	82.0	17,700							180
185	20.2	68.8	16,800							185

MLC250 S-2

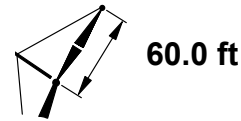
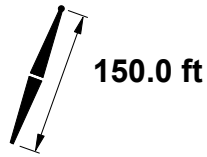
ASME B30.5



ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
45	79.9	204.1	37,900							45
50	78.5	203.0	37,200							50
55	77.0	201.8	36,500	80.0	200.4	33,300				55
60	75.5	200.4	35,800	78.5	199.0	32,700				60
65	74.0	198.9	35,000	77.0	197.5	32,100	80.1	194.3	26,500	65
70	72.5	197.3	34,200	75.5	195.8	31,600	78.5	192.6	25,500	70
75	71.0	195.5	33,500	73.9	194.0	31,000	77.0	190.8	24,500	75
80	69.4	193.5	32,800	72.4	192.1	30,400	75.4	188.8	23,700	80
85	67.9	191.4	32,100	70.8	189.9	30,000	73.8	186.6	22,900	85
90	66.3	189.2	31,400	69.2	187.7	29,500	72.2	184.3	22,100	90
95	64.7	186.7	30,800	67.6	185.2	28,800	70.5	181.8	21,500	95
100	63.1	184.1	30,200	66.0	182.6	27,700	68.9	179.1	20,800	100
105	61.5	181.3	29,600	64.4	179.8	26,600	67.2	176.2	20,200	105
110	59.8	178.3	29,100	62.7	176.7	25,700	65.5	173.2	19,600	110
115	58.1	175.1	28,500	61.0	173.5	24,800	63.7	169.9	19,100	115
120	56.4	171.7	28,000	59.2	170.1	24,000	61.9	166.3	18,600	120
125	54.6	168.1	27,500	57.4	166.4	23,200	60.1	162.6	18,100	125
130	52.8	164.2	27,100	55.6	162.5	22,500	58.2	158.6	17,700	130
135	50.9	160.1	26,600	53.7	158.3	21,800	56.3	154.3	17,300	135
140	49.0	155.7	25,700	51.8	153.8	21,200	54.3	149.7	17,000	140
145	47.0	150.9	24,800	49.8	149.0	20,700	52.2	144.7	16,600	145
150	45.0	145.8	24,000	47.7	143.9	20,100	50.1	139.4	16,300	150
155	42.9	140.4	23,000	45.5	138.3	19,600	47.8	133.6	16,000	155
160	40.6	134.5	21,800	43.3	132.3	19,100	45.5	127.4	15,700	160
165	38.3	128.1	20,600	40.9	125.8	18,600	43.0	120.6	15,400	165
170	35.8	121.1	19,400	38.4	118.7	18,300				170
175	33.2	113.4	18,400	35.7	110.8	17,800				175
180	30.4	104.9	17,400	32.8	102.0	17,500				180
185	27.3	95.2	16,400							185
190	23.7	84.0	15,500							190

MLC250 S-2

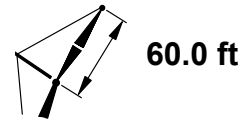
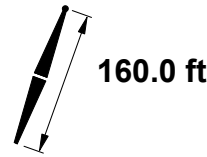
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
45	80.4	214.3	38,000							45
50	79.0	213.2	37,300							50
55	77.6	212.1	36,600	80.5	210.7	33,500				55
60	76.2	210.8	35,900	79.1	209.4	32,900				60
65	74.8	209.4	35,200	77.6	207.9	32,300	80.6	204.7	26,900	65
70	73.4	207.8	34,500	76.2	206.3	31,700	79.1	203.1	25,800	70
75	71.9	206.1	33,800	74.8	204.6	31,300	77.6	201.3	24,900	75
80	70.5	204.3	33,100	73.3	202.8	30,700	76.1	199.5	24,100	80
85	69.0	202.3	32,500	71.8	200.8	30,200	74.6	197.4	23,300	85
90	67.5	200.1	31,800	70.3	198.6	29,800	73.1	195.2	22,600	90
95	66.0	197.8	31,200	68.8	196.3	29,300	71.6	192.9	21,900	95
100	64.5	195.4	30,600	67.3	193.8	28,500	70.0	190.4	21,200	100
105	62.9	192.8	30,100	65.7	191.2	27,500	68.4	187.7	20,600	105
110	61.4	190.0	29,500	64.1	188.4	26,500	66.8	184.8	20,000	110
115	59.8	187.0	29,000	62.5	185.4	25,600	65.2	181.7	19,500	115
120	58.2	183.8	28,500	60.9	182.2	24,800	63.5	178.4	19,100	120
125	56.5	180.4	28,000	59.2	178.8	24,000	61.8	175.0	18,600	125
130	54.9	176.8	27,600	57.5	175.1	23,300	60.1	171.2	18,100	130
135	53.1	173.0	27,100	55.8	171.3	22,600	58.3	167.3	17,700	135
140	51.4	169.0	26,700	54.0	167.1	22,000	56.5	163.1	17,400	140
145	49.6	164.6	25,200	52.2	162.8	21,400	54.6	158.6	17,000	145
150	47.7	160.0	23,800	50.3	158.1	20,800	52.7	153.7	16,700	150
155	45.8	155.1	22,400	48.4	153.1	20,300	50.7	148.6	16,400	155
160	43.8	149.8	21,100	46.4	147.7	19,800	48.6	143.0	16,100	160
165	41.7	144.1	20,000	44.3	142.0	19,300	46.4	137.1	15,800	165
170	39.6	138.0	18,800	42.1	135.7	18,800	44.1	130.6	15,500	170
175	37.3	131.4	17,800	39.8	129.0	18,200				175
180	34.9	124.1	16,800	37.3	121.6	17,200				180
185	32.4	116.2	15,800	34.7	113.5	16,200				185
190	29.6	107.4	14,900	31.9	104.5	15,300				190
195	26.6	97.5	14,100							195
200	23.1	85.9	13,300							200

MLC250 S-2

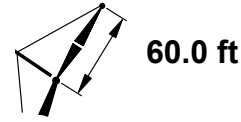
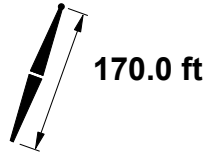
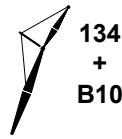
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	lb	ft		
45	80.9	224.4	38,000						45	
50	79.5	223.5	37,300						50	
55	78.2	222.4	36,700	80.9	220.9	33,600			55	
60	76.9	221.1	36,100	79.6	219.7	33,000			60	
65	75.5	219.8	35,400	78.2	218.3	32,500	81.0	215.0	27,200	65
70	74.1	218.3	34,800	76.9	216.8	31,900	79.6	213.5	26,200	70
75	72.8	216.7	34,000	75.5	215.2	31,400	78.2	211.9	25,300	75
80	71.4	214.9	33,400	74.1	213.4	30,900	76.8	210.1	24,400	80
85	70.0	213.0	32,700	72.7	211.5	30,400	75.4	208.1	23,700	85
90	68.6	211.0	32,100	71.3	209.5	30,000	74.0	206.1	22,900	90
95	67.2	208.9	31,500	69.8	207.3	29,500	72.5	203.9	22,300	95
100	65.7	206.5	31,000	68.4	205.0	29,200	71.0	201.5	21,700	100
105	64.3	204.1	30,400	66.9	202.5	28,300	69.5	198.9	21,000	105
110	62.8	201.4	29,900	65.5	199.8	27,300	68.0	196.2	20,500	110
115	61.3	198.6	29,400	63.9	197.0	26,400	66.5	193.3	19,900	115
120	59.8	195.6	28,900	62.4	194.0	25,500	64.9	190.3	19,500	120
125	58.3	192.5	28,400	60.9	190.8	24,800	63.3	187.0	19,000	125
130	56.7	189.1	28,000	59.3	187.4	24,000	61.7	183.6	18,600	130
135	55.1	185.6	27,500	57.7	183.8	23,300	60.1	179.9	18,100	135
140	53.5	181.8	26,400	56.0	180.0	22,700	58.4	176.0	17,800	140
145	51.8	177.8	24,800	54.3	176.0	22,000	56.7	171.8	17,400	145
150	50.1	173.5	23,400	52.6	171.7	21,500	54.9	167.4	17,100	150
155	48.3	169.0	22,000	50.8	167.1	20,900	53.1	162.7	16,800	155
160	46.5	164.2	20,700	49.0	162.2	20,400	51.2	157.7	16,400	160
165	44.7	159.1	19,500	47.1	157.0	19,900	49.2	152.4	16,200	165
170	42.7	153.6	18,400	45.1	151.5	19,000	47.2	146.6	15,900	170
175	40.7	147.7	17,400	43.1	145.5	17,900	45.1	140.4	15,600	175
180	38.6	141.4	16,400	41.0	139.1	16,800	42.9	133.7	15,400	180
185	36.4	134.5	15,400	38.7	132.1	15,900				185
190	34.1	127.1	14,600	36.3	124.5	14,900				190
195	31.6	118.9	13,700	33.8	116.1	14,000				195
200	28.9	109.9	12,900	31.0	106.8	13,200				200
205	25.9	99.7	12,100							205
210	22.6	87.8	11,400							210

MLC250 S-2

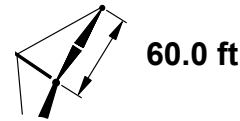
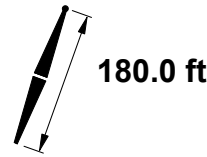
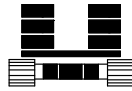
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
50	80.0	233.7	37,400							50
55	78.7	232.6	36,700							55
60	77.4	231.4	36,100	80.1	230.0	33,100				60
65	76.1	230.1	35,500	78.8	228.7	32,600				65
70	74.9	228.7	34,900	77.5	227.2	32,100	80.1	223.9	26,500	70
75	73.5	227.2	34,300	76.1	225.7	31,500	78.8	222.3	25,600	75
80	72.2	225.5	33,600	74.8	224.0	31,100	77.4	220.6	24,800	80
85	70.9	223.7	33,000	73.5	222.2	30,600	76.1	218.8	24,000	85
90	69.6	221.8	32,400	72.1	220.3	30,200	74.7	216.8	23,300	90
95	68.2	219.8	31,800	70.8	218.2	29,800	73.3	214.7	22,600	95
100	66.9	217.6	31,300	69.4	216.0	29,300	71.9	212.5	22,000	100
105	65.5	215.2	30,700	68.0	213.6	29,000	70.5	210.1	21,500	105
110	64.1	212.7	30,200	66.6	211.1	28,000	69.1	207.5	20,900	110
115	62.7	210.1	29,800	65.2	208.5	27,100	67.7	204.8	20,400	115
120	61.3	207.3	29,200	63.8	205.6	26,300	66.2	201.9	19,800	120
125	59.8	204.3	28,800	62.3	202.6	25,500	64.7	198.9	19,400	125
130	58.3	201.2	28,300	60.8	199.5	24,800	63.2	195.6	19,000	130
135	56.8	197.8	27,600	59.3	196.1	24,100	61.6	192.2	18,600	135
140	55.3	194.3	25,900	57.8	192.5	23,400	60.1	188.6	18,100	140
145	53.8	190.6	24,300	56.2	188.8	22,800	58.5	184.7	17,800	145
150	52.2	186.6	22,900	54.6	184.8	22,200	56.8	180.6	17,500	150
155	50.6	182.4	21,500	53.0	180.6	21,600	55.1	176.3	17,100	155
160	48.9	178.0	20,200	51.3	176.1	20,900	53.4	171.7	16,800	160
165	47.2	173.3	19,100	49.5	171.3	19,700	51.6	166.8	16,500	165
170	45.4	168.3	17,900	47.8	166.3	18,500	49.8	161.6	16,200	170
175	43.6	163.0	16,900	45.9	160.9	17,400	47.9	156.0	16,000	175
180	41.7	157.3	15,900	44.0	155.1	16,400	45.9	150.1	15,700	180
185	39.8	151.2	15,000	42.0	148.9	15,400	43.9	143.7	15,500	185
190	37.7	144.7	14,100	39.9	142.3	14,500				190
195	35.5	137.7	13,200	37.7	135.1	13,600				195
200	33.3	130.0	12,400	35.4	127.3	12,800				200
205	30.8	121.6	11,700	32.9	118.7	12,000				205
210	28.2	112.3	10,900							210
215	25.3	101.8	10,200							215
220	22.0	89.7	9,600							220

MLC250 S-2

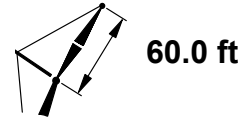
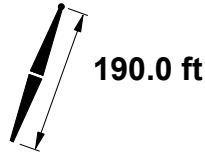
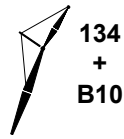
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	lb	ft		
50	80.4	243.8	37,300							50
55	79.2	242.8	36,700							55
60	78.0	241.7	36,100	80.5	240.2	33,100				60
65	76.7	240.5	35,500	79.2	239.0	32,600				65
70	75.5	239.1	34,900	78.0	237.6	32,100	80.6	234.3	26,800	70
75	74.3	237.7	34,400	76.8	236.2	31,700	79.3	232.8	25,900	75
80	73.0	236.1	33,800	75.5	234.6	31,200	78.0	231.1	25,100	80
85	71.7	234.4	33,300	74.2	232.8	30,800	76.7	229.4	24,400	85
90	70.5	232.5	32,700	72.9	231.0	30,400	75.4	227.5	23,600	90
95	69.2	230.6	32,100	71.6	229.0	29,900	74.1	225.5	23,000	95
100	67.9	228.5	31,600	70.3	226.9	29,500	72.8	223.4	22,400	100
105	66.6	226.3	31,000	69.0	224.7	29,200	71.4	221.1	21,800	105
110	65.3	223.9	30,500	67.7	222.3	28,800	70.1	218.7	21,300	110
115	63.9	221.4	30,000	66.4	219.8	27,900	68.7	216.1	20,800	115
120	62.6	218.8	29,600	65.0	217.1	27,000	67.3	213.4	20,200	120
125	61.2	215.9	29,100	63.6	214.3	26,200	65.9	210.5	19,800	125
130	59.8	213.0	28,700	62.2	211.3	25,500	64.5	207.5	19,400	130
135	58.4	209.8	27,100	60.8	208.1	24,700	63.0	204.2	18,900	135
140	57.0	206.5	25,500	59.3	204.8	24,000	61.6	200.8	18,600	140
145	55.5	203.0	23,900	57.9	201.2	23,400	60.1	197.2	18,100	145
150	54.0	199.3	22,400	56.4	197.5	22,900	58.5	193.4	17,800	150
155	52.5	195.4	21,100	54.8	193.6	21,900	57.0	189.4	17,500	155
160	51.0	191.3	19,800	53.3	189.4	20,600	55.4	185.1	17,200	160
165	49.4	187.0	18,600	51.7	185.0	19,300	53.7	180.6	16,900	165
170	47.8	182.4	17,500	50.0	180.4	18,200	52.0	175.8	16,600	170
175	46.1	177.5	16,500	48.4	175.4	17,100	50.3	170.8	16,300	175
180	44.4	172.3	15,500	46.6	170.2	16,000	48.5	165.4	16,000	180
185	42.6	166.8	14,500	44.8	164.6	15,100	46.7	159.6	15,500	185
190	40.8	161.0	13,700	42.9	158.7	14,100	44.7	153.5	14,600	190
195	38.9	154.7	12,800	41.0	152.3	13,300	42.7	146.9	13,600	195
200	36.9	148.0	12,000	39.0	145.5	12,400				200
205	34.8	140.7	11,300	36.8	138.1	11,600				205
210	32.5	132.8	10,500	34.5	130.0	10,900				210
215	30.1	124.2	9,800	32.1	121.2	10,100				215
220	27.6	114.7	9,200							220
225	24.7	103.9	8,500							225
230	21.5	91.5	7,900							230

MLC250 S-2

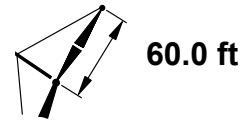
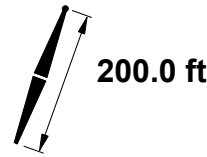
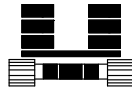
ASME B30.5



	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
50	80.8		254.0							50
55	79.6		253.1							55
60	78.5		252.0							60
65	77.3		250.8		80.9	250.5				65
70	76.1		249.5		79.7	249.3				70
75	74.9		248.1		78.5	248.0		80.9	244.6	75
80	73.7		246.6		77.3	246.6		79.7	243.1	80
85	72.5		245.0		76.1	245.0		78.5	241.6	85
90	71.3		243.2		74.9	243.4		77.3	239.9	90
95	70.1		241.3		73.7	241.6		76.0	238.1	95
100	68.8		239.3		72.4	239.8		74.8	236.2	100
105	67.6		237.2		71.2	237.8		73.5	234.2	105
110	66.3		235.0		69.9	235.6		72.3	232.0	110
115	65.1		232.6		68.7	233.4		71.0	229.7	115
120	63.8		230.1		67.4	231.0		69.7	227.3	120
125	62.5		227.4		66.1	228.4		68.3	224.7	125
130	61.2		224.6		64.8	225.7		67.0	222.0	130
135	59.8		221.6		63.5	222.9		65.7	219.1	135
140	58.5		218.5		62.1	219.9		64.3	216.0	140
145	57.1		215.2		60.8	216.8		62.9	212.8	145
150	55.7		211.7		59.4	213.4		61.5	209.4	150
155	54.3		208.1		58.0	209.9		60.1	205.9	155
160	52.8		204.2		56.5	206.3		58.6	202.1	160
165	51.4		200.2		55.1	202.4		57.1	198.1	165
170	49.9		195.9		53.6	198.3		55.6	193.9	170
175	48.3		191.4		52.1	193.9		54.0	189.5	175
180	46.7		186.6		50.5	189.4		52.4	184.8	180
185	45.1		181.6		48.9	184.6		50.8	179.9	185
190	43.4		176.2		47.2	179.4		49.1	174.6	190
195	41.7		170.5		45.5	174.0		47.3	169.1	195
200	39.9		164.5		43.8	168.3		45.5	163.1	200
205	38.0		158.1		42.0	162.1		43.6	156.8	205
210	36.1		151.1		40.1	155.6				210
215	34.0		143.7		38.1	148.6				215
220	31.8		135.6		36.0	141.0				220
225	29.5		126.8		33.7	132.7				225
230	27.0		117.0		31.4	123.6				230
235	24.2		106.0							235
240	21.1		93.2							240

MLC250 S-2

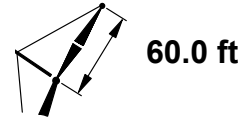
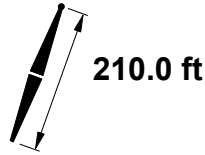
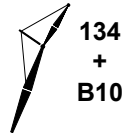
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	lb	ft		
55	80.0	263.2	36,600							55
60	78.9	262.2	36,000							60
65	77.8	261.1	35,500	80.1	259.6	32,700				65
70	76.6	259.8	35,000	79.0	258.3	32,300				70
75	75.5	258.5	34,500	77.8	257.0	31,800	80.2	253.5	26,500	75
80	74.4	257.0	34,000	76.7	255.5	31,400	79.0	252.0	25,700	80
85	73.2	255.5	33,500	75.5	253.9	31,000	77.8	250.4	25,000	85
90	72.0	253.8	33,100	74.3	252.2	30,600	76.6	248.7	24,300	90
95	70.9	252.0	32,500	73.1	250.4	30,200	75.4	246.9	23,700	95
100	69.7	250.1	32,000	72.0	248.5	29,900	74.2	244.9	23,100	100
105	68.5	248.1	31,500	70.8	246.5	29,500	73.0	242.9	22,500	105
110	67.3	246.0	31,000	69.6	244.3	29,200	71.8	240.7	21,900	110
115	66.1	243.7	30,600	68.3	242.0	28,800	70.5	238.4	21,500	115
120	64.9	241.3	30,100	67.1	239.6	28,300	69.3	235.9	20,900	120
125	63.6	238.7	29,700	65.9	237.1	27,500	68.0	233.3	20,500	125
130	62.4	236.1	28,000	64.6	234.4	26,800	66.7	230.6	20,000	130
135	61.1	233.3	26,100	63.3	231.5	26,100	65.4	227.7	19,600	135
140	59.8	230.3	24,400	62.0	228.6	25,300	64.1	224.6	19,200	140
145	58.5	227.2	22,900	60.7	225.4	23,900	62.8	221.4	18,900	145
150	57.2	223.9	21,400	59.4	222.1	22,400	61.4	218.1	18,500	150
155	55.9	220.5	20,000	58.0	218.6	20,900	60.1	214.5	18,100	155
160	54.5	216.8	18,800	56.7	215.0	19,600	58.7	210.8	17,800	160
165	53.1	213.0	17,600	55.3	211.1	18,400	57.2	206.9	17,500	165
170	51.7	209.0	16,500	53.8	207.1	17,200	55.8	202.7	17,200	170
175	50.3	204.8	15,400	52.4	202.8	16,100	54.3	198.4	16,800	175
180	48.8	200.4	14,400	50.9	198.4	15,100	52.8	193.8	15,700	180
185	47.3	195.7	13,500	49.4	193.6	14,100	51.2	189.0	14,700	185
190	45.7	190.8	12,600	47.8	188.6	13,200	49.6	183.8	13,700	190
195	44.2	185.5	11,800	46.2	183.4	12,300	47.9	178.4	12,800	195
200	42.5	180.0	11,000	44.5	177.8	11,500	46.2	172.7	11,900	200
205	40.8	174.2	10,200	42.8	171.9	10,700	44.4	166.6	11,100	205
210	39.1	168.0	9,500	41.0	165.5	10,000	42.6	160.0	10,300	210
215	37.2	161.3	8,800	39.2	158.8	9,200				215
220	35.3	154.2	8,200	37.2	151.6	8,500				220
225	33.3	146.6	7,500	35.2	143.8	7,900				225
230	31.2	138.3	6,900	33.0	135.3	7,200				230
235	28.9	129.3	6,400	30.7	126.0	6,600				235
240	26.4	119.2	5,800							240
245	23.7	108.0	5,300							245
250	20.6	95.0	4,700							250

MLC250 S-2

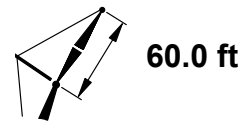
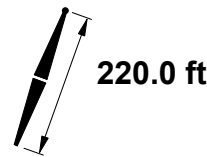
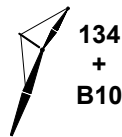
ASME B30.5



	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
55	80.4		273.4							55
60	79.3		272.4							60
65	78.2		271.3							65
70	77.2		270.2	80.5	269.8	32,700				70
75	76.1		268.9	79.4	268.6	32,200				75
80	75.0		267.5	78.3	267.3	31,900	80.5	263.8	26,800	80
85	73.8		266.0	77.2	265.9	31,500	79.4	262.4	26,000	85
90	72.7		264.4	76.1	264.4	31,000	78.3	260.9	25,300	90
95	71.6		262.7	74.9	262.8	30,700	77.1	259.2	24,600	95
100	70.5		260.8	73.8	261.1	30,300	76.0	257.5	24,000	100
105	69.3		258.9	72.7	259.2	30,000	74.8	255.6	23,400	105
110	68.2		256.8	71.5	257.3	29,600	73.7	253.7	22,800	110
115	67.0		254.7	70.4	255.2	29,300	72.5	251.6	22,200	115
120	65.9		252.4	69.2	253.0	29,000	71.3	249.3	21,700	120
125	64.7		250.0	68.0	250.7	28,700	70.1	247.0	21,300	125
130	63.5		247.4	66.8	248.3	28,200	68.9	244.5	20,800	130
135	62.3		244.7	65.6	245.7	27,400	67.7	241.9	20,400	135
140	61.1		241.9	64.4	243.0	26,700	66.5	239.2	19,900	140
145	59.8		239.0	63.2	240.2	25,000	65.2	236.3	19,600	145
150	58.6		235.8	62.0	237.2	23,400	64.0	233.2	19,200	150
155	57.3		232.6	60.7	234.1	21,900	62.7	230.1	18,800	155
160	56.0		229.2	59.4	230.8	20,500	61.4	226.7	18,500	160
165	54.7		225.6	58.1	227.3	19,200	60.1	223.2	18,100	165
170	53.4		221.8	56.8	223.7	17,900	58.7	219.5	17,800	170
175	52.0		217.8	55.5	219.9	16,800	57.3	215.6	17,500	175
180	50.7		213.7	54.1	215.9	15,700	56.0	211.5	16,400	180
185	49.3		209.3	52.7	211.7	14,600	54.5	207.3	15,300	185
190	47.8		204.7	51.3	207.3	13,700	53.1	202.7	14,300	190
195	46.3		199.9	49.8	202.7	12,700	51.6	198.0	13,300	195
200	44.8		194.8	48.3	197.8	11,900	50.1	193.0	12,400	200
205	43.3		189.4	46.8	192.6	11,000	48.5	187.7	11,500	205
210	41.7		183.8	45.2	187.2	10,300	46.9	182.1	10,700	210
215	40.0		177.8	43.6	181.5	9,500	45.2	176.2	9,900	215
220	38.3		171.4	41.9	175.4	8,800	43.4	169.9	9,200	220
225	36.5		164.6	40.2	168.9	8,100				225
230	34.6		157.3	38.3	162.0	7,400				230
235	32.6		149.4	36.4	154.5	6,800				235
240	30.6		141.0	34.4	146.6	6,200				240
245	28.3		131.7	32.3	137.9	5,600				245
250	25.9		121.5							250

MLC250 S-2

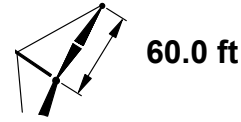
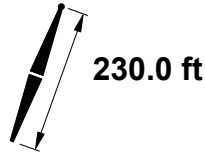
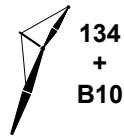
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	ft	lb		
55	80.8	283.6	36,300							55
60	79.7	282.6	35,800							60
65	78.7	281.6	35,400	80.8	280.0	32,600				65
70	77.6	280.4	34,900	79.8	278.9	32,200				70
75	76.6	279.2	34,400	78.7	277.6	31,800	80.9	274.1	27,100	75
80	75.5	277.9	34,000	77.6	276.3	31,500	79.8	272.8	26,300	80
85	74.4	276.4	33,600	76.6	274.8	31,100	78.7	271.3	25,600	85
90	73.4	274.9	33,100	75.5	273.3	30,800	77.6	269.7	24,900	90
95	72.3	273.2	32,700	74.4	271.6	30,400	76.5	268.0	24,200	95
100	71.2	271.5	32,300	73.3	269.9	30,100	75.4	266.3	23,700	100
105	70.1	269.6	31,800	72.2	268.0	29,700	74.3	264.4	23,100	105
110	69.0	267.7	31,400	71.1	266.0	29,300	73.2	262.4	22,600	110
115	67.9	265.6	30,900	70.0	263.9	29,000	72.1	260.2	22,100	115
120	66.8	263.4	30,500	68.9	261.7	28,700	70.9	258.0	21,600	120
125	65.7	261.1	29,000	67.7	259.4	28,400	69.8	255.6	21,100	125
130	64.5	258.6	27,000	66.6	256.9	28,000	68.6	253.1	20,700	130
135	63.4	256.1	25,200	65.4	254.4	26,400	67.4	250.5	20,300	135
140	62.2	253.4	23,500	64.3	251.7	24,600	66.2	247.8	19,900	140
145	61.0	250.6	21,900	63.1	248.8	23,000	65.0	244.9	19,500	145
150	59.8	247.6	20,400	61.9	245.8	21,500	63.8	241.9	19,100	150
155	58.6	244.5	19,100	60.7	242.7	20,100	62.6	238.7	18,800	155
160	57.4	241.3	17,800	59.4	239.4	18,800	61.3	235.3	18,500	160
165	56.2	237.9	16,600	58.2	236.0	17,500	60.1	231.9	18,200	165
170	54.9	234.3	15,500	56.9	232.4	16,400	58.8	228.2	17,200	170
175	53.7	230.6	14,500	55.6	228.7	15,300	57.5	224.3	16,000	175
180	52.4	226.7	13,500	54.3	224.7	14,200	56.1	220.3	14,900	180
185	51.0	222.5	12,500	53.0	220.6	13,300	54.8	216.1	13,900	185
190	49.7	218.2	11,700	51.6	216.2	12,300	53.4	211.7	13,000	190
195	48.3	213.7	10,800	50.2	211.7	11,500	51.9	207.0	12,000	195
200	46.9	209.0	10,000	48.8	206.9	10,600	50.5	202.1	11,200	200
205	45.4	204.0	9,300	47.4	201.9	9,800	49.0	196.9	10,300	205
210	44.0	198.8	8,500	45.9	196.6	9,100	47.4	191.5	9,600	210
215	42.4	193.3	7,900	44.3	191.0	8,400	45.8	185.7	8,800	215
220	40.9	187.4	7,200	42.7	185.1	7,700	44.2	179.7	8,100	220
225	39.2	181.3	6,600	41.1	178.8	7,000	42.5	173.2	7,400	225
230	37.6	174.7	6,000	39.4	172.1	6,400				230
235	35.8	167.7	5,400	37.6	165.0	5,800				235
240	34.0	160.3	4,900	35.7	157.5	5,200				240
245	32.0	152.2	4,300	33.7	149.3	4,700				245
250				31.6	140.4	4,100				250

MLC250 S-2

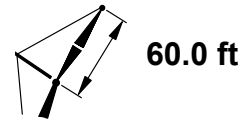
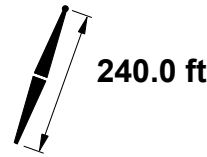
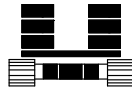
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
60	80.1	292.8	35,700							60
65	79.1	291.8	35,200							65
70	78.1	290.7	34,800	80.1	289.1	32,200				70
75	77.0	289.5	34,300	79.1	287.9	31,800				75
80	76.0	288.2	33,900	78.1	286.6	31,400	80.2	283.1	26,500	80
85	75.0	286.8	33,500	77.1	285.3	31,000	79.1	281.7	25,800	85
90	74.0	285.4	33,100	76.0	283.8	30,800	78.1	280.2	25,200	90
95	72.9	283.8	32,700	75.0	282.2	30,400	77.0	278.6	24,600	95
100	71.9	282.1	32,300	73.9	280.5	30,100	76.0	276.8	24,000	100
105	70.8	280.3	31,900	72.9	278.7	29,700	74.9	275.0	23,400	105
110	69.8	278.4	31,500	71.8	276.8	29,400	73.8	273.1	22,900	110
115	68.7	276.4	31,000	70.7	274.8	29,100	72.7	271.1	22,400	115
120	67.6	274.3	30,600	69.7	272.6	28,800	71.6	268.9	21,900	120
125	66.6	272.1	28,400	68.6	270.4	28,500	70.5	266.6	21,400	125
130	65.5	269.8	26,400	67.5	268.1	27,800	69.4	264.3	21,000	130
135	64.4	267.3	24,600	66.4	265.6	25,900	68.3	261.8	20,600	135
140	63.3	264.7	22,900	65.2	263.0	24,100	67.2	259.1	20,200	140
145	62.1	262.1	21,300	64.1	260.3	22,500	66.0	256.4	19,800	145
150	61.0	259.2	19,900	63.0	257.5	21,000	64.9	253.5	19,400	150
155	59.9	256.3	18,500	61.8	254.5	19,500	63.7	250.5	19,100	155
160	58.7	253.2	17,200	60.6	251.4	18,200	62.5	247.3	18,800	160
165	57.5	249.9	16,000	59.5	248.1	17,000	61.3	244.0	17,900	165
170	56.3	246.6	14,900	58.3	244.7	15,800	60.1	240.5	16,700	170
175	55.1	243.0	13,900	57.0	241.1	14,700	58.8	236.9	15,500	175
180	53.9	239.3	12,900	55.8	237.4	13,700	57.5	233.1	14,400	180
185	52.6	235.5	11,900	54.5	233.5	12,700	56.3	229.1	13,400	185
190	51.4	231.4	11,000	53.3	229.4	11,800	55.0	224.9	12,500	190
195	50.1	227.2	10,200	51.9	225.1	10,900	53.6	220.6	11,500	195
200	48.7	222.7	9,400	50.6	220.6	10,100	52.3	216.0	10,700	200
205	47.4	218.1	8,700	49.3	215.9	9,300	50.9	211.2	9,800	205
210	46.0	213.2	7,900	47.9	211.0	8,500	49.4	206.1	9,100	210
215	44.6	208.1	7,300	46.4	205.8	7,800	48.0	200.8	8,300	215
220	43.1	202.7	6,600	45.0	200.4	7,100	46.5	195.2	7,600	220
225	41.6	197.0	6,000	43.4	194.6	6,500	44.9	189.3	6,900	225
230	40.1	191.0	5,400	41.9	188.6	5,800	43.3	183.0	6,200	230
235	38.5	184.7	4,800	40.3	182.2	5,200				235
240	36.9	178.0	4,300	38.6	175.3	4,700				240
245				36.8	168.1	4,100				245

MLC250 S-2

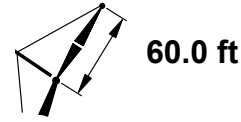
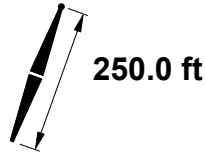
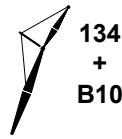
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	ft	lb		
60	80.4	303.0	35,500							60
65	79.4	302.0	35,000							65
70	78.5	301.0	34,600	80.5	299.4	32,100				70
75	77.5	299.8	34,200	79.5	298.2	31,700				75
80	76.5	298.6	33,800	78.5	297.0	31,400	80.5	293.4	26,700	80
85	75.5	297.2	33,400	77.5	295.6	31,100	79.5	292.0	26,100	85
90	74.5	295.8	33,000	76.5	294.2	30,700	78.5	290.6	25,400	90
95	73.5	294.3	32,600	75.5	292.7	30,400	77.5	289.0	24,800	95
100	72.5	292.7	32,200	74.5	291.0	30,100	76.5	287.4	24,300	100
105	71.5	290.9	31,800	73.5	289.3	29,800	75.4	285.6	23,700	105
110	70.5	289.1	31,500	72.5	287.5	29,500	74.4	283.8	23,200	110
115	69.5	287.2	31,100	71.4	285.5	29,200	73.4	281.8	22,700	115
120	68.4	285.2	30,200	70.4	283.5	28,900	72.3	279.8	22,200	120
125	67.4	283.0	28,000	69.3	281.4	28,600	71.2	277.6	21,700	125
130	66.3	280.8	26,000	68.3	279.1	27,400	70.2	275.3	21,300	130
135	65.3	278.5	24,100	67.2	276.7	25,500	69.1	272.9	20,900	135
140	64.2	276.0	22,400	66.2	274.3	23,700	68.0	270.4	20,500	140
145	63.2	273.4	20,900	65.1	271.7	22,100	66.9	267.7	20,200	145
150	62.1	270.7	19,400	64.0	269.0	20,500	65.8	265.0	19,700	150
155	61.0	267.9	18,000	62.9	266.1	19,100	64.7	262.1	19,400	155
160	59.9	264.9	16,800	61.8	263.1	17,800	63.5	259.1	18,800	160
165	58.7	261.9	15,600	60.6	260.0	16,600	62.4	255.9	17,500	165
170	57.6	258.6	14,400	59.5	256.8	15,400	61.2	252.6	16,300	170
175	56.4	255.3	13,400	58.3	253.4	14,300	60.1	249.2	15,100	175
180	55.3	251.7	12,400	57.1	249.8	13,300	58.9	245.6	14,100	180
185	54.1	248.1	11,500	55.9	246.1	12,300	57.6	241.8	13,000	185
190	52.9	244.2	10,600	54.7	242.3	11,400	56.4	237.9	12,100	190
195	51.7	240.2	9,700	53.5	238.2	10,500	55.1	233.7	11,200	195
200	50.4	236.0	8,900	52.2	234.0	9,600	53.9	229.4	10,300	200
205	49.2	231.7	8,200	51.0	229.6	8,900	52.6	224.9	9,500	205
210	47.9	227.1	7,500	49.7	225.0	8,100	51.2	220.2	8,700	210
215	46.5	222.3	6,800	48.3	220.1	7,400	49.8	215.2	7,900	215
220	45.2	217.3	6,100	47.0	215.1	6,700	48.4	210.0	7,200	220
225	43.8	212.0	5,500	45.5	209.7	6,100	47.0	204.6	6,500	225
230	42.4	206.5	4,900	44.1	204.1	5,400	45.5	198.8	5,800	230
235	40.9	200.7	4,400	42.6	198.2	4,800	44.0	192.8	5,200	235
240				41.1	192.0	4,200	42.4	186.4	4,600	240

MLC250 S-2

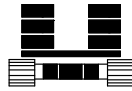
ASME B30.5



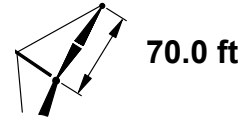
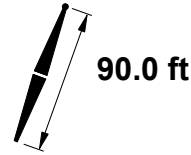
	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
60	80.7	313.2	35,200							60
65	79.8	312.2	34,800							65
70	78.8	311.2	34,400							70
75	77.9	310.1	34,000	80.8	309.6	32,000				75
80	76.9	308.9	33,600	79.8	308.5	31,700				80
85	76.0	307.6	33,200	78.9	307.3	31,300	80.8	303.7	27,000	85
90	75.0	306.2	32,900	77.9	306.0	31,000	79.9	302.4	26,300	90
95	74.1	304.7	32,500	77.0	304.6	30,700	78.9	301.0	25,700	95
100	73.1	303.2	32,200	76.0	303.1	30,400	77.9	299.5	25,100	100
105	72.1	301.5	31,800	75.0	301.5	30,000	76.9	297.9	24,500	105
110	71.1	299.8	31,400	74.0	299.9	29,700	75.9	296.2	23,900	110
115	70.2	297.9	31,100	73.0	298.1	29,500	74.9	294.4	23,400	115
120	69.2	296.0	30,300	72.1	296.3	29,200	73.9	292.5	23,000	120
125	68.2	293.9	28,100	71.1	294.3	28,900	72.9	290.5	22,500	125
130	67.2	291.8	26,100	70.1	292.2	28,600	71.9	288.4	22,000	130
135	66.1	289.5	24,200	69.0	290.1	27,500	70.9	286.3	21,600	135
140	65.1	287.1	22,500	68.0	287.8	25,600	69.8	284.0	21,200	140
145	64.1	284.7	20,900	67.0	285.4	23,800	68.8	281.5	20,800	145
150	63.1	282.1	19,500	66.0	282.9	22,200	67.7	279.0	20,400	150
155	62.0	279.4	18,100	64.9	280.3	20,600	66.7	276.4	20,100	155
160	60.9	276.5	16,800	63.8	277.6	19,200	65.6	273.6	19,700	160
165	59.9	273.6	15,600	62.8	274.8	17,900	64.5	270.7	18,900	165
170	58.8	270.5	14,500	61.7	271.8	16,600	63.4	267.7	17,600	170
175	57.7	267.3	13,500	60.6	268.7	15,500	62.3	264.5	16,400	175
180	56.6	264.0	12,500	59.5	265.4	14,400	61.2	261.3	15,300	180
185	55.4	260.5	11,500	58.4	262.1	13,400	60.1	257.8	14,200	185
190	54.3	256.8	10,700	57.2	258.6	12,400	58.9	254.2	13,200	190
195	53.1	253.0	9,800	56.1	254.9	11,500	57.7	250.5	12,200	195
200	52.0	249.1	9,000	54.9	251.1	10,600	56.5	246.6	11,300	200
205	50.8	244.9	8,300	53.7	247.1	9,700	55.3	242.5	10,400	205
210	49.5	240.6	7,600	52.5	242.9	9,000	54.1	238.3	9,600	210
215	48.3	236.1	6,900	51.3	238.5	8,200	52.8	233.8	8,800	215
220	47.0	231.4	6,200	50.0	234.0	7,500	51.5	229.2	8,000	220
225	45.7	226.5	5,600	48.7	229.2	6,800	50.2	224.3	7,300	225
230	44.4	221.3	5,000	47.4	224.2	6,200	48.9	219.2	6,600	230
235	43.0	215.9	4,400	46.1	219.0	5,500	47.5	213.9	6,000	235
240				44.7	213.6	4,900	46.1	208.3	5,400	240
245				43.3	207.8	4,400	44.7	202.4	4,700	245
							43.2	196.2	4,200	245

MLC250 S-2

ASME B30.5



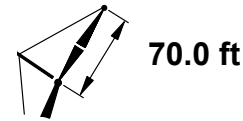
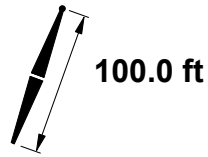
184,600 lb
+
44,000 lb



ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
40	79.3	164.5	29,500							40
45	77.5	163.3	29,500							45
50	75.6	162.0	28,700	80.1	160.8	26,600				50
55	73.8	160.5	27,900	78.2	159.3	25,900				55
60	71.9	158.8	27,100	76.3	157.6	25,300	80.9	154.7	23,300	60
65	70.0	156.9	26,300	74.4	155.7	24,600	78.9	152.8	22,800	65
70	68.0	154.8	25,600	72.4	153.6	24,000	76.9	150.6	21,900	70
75	66.0	152.5	24,900	70.4	151.3	23,400	74.9	148.3	20,800	75
80	64.0	150.0	24,200	68.4	148.7	22,900	72.8	145.7	19,800	80
85	62.0	147.3	23,600	66.3	146.0	22,300	70.7	142.9	18,900	85
90	59.9	144.3	23,000	64.2	143.0	21,800	68.6	139.8	18,100	90
95	57.8	141.1	22,400	62.1	139.7	21,300	66.4	136.5	17,400	95
100	55.6	137.6	21,800	59.9	136.2	20,800	64.1	132.9	16,700	100
105	53.4	133.8	21,300	57.6	132.4	20,400	61.8	128.9	16,100	105
110	51.0	129.7	20,700	55.3	128.2	19,700	59.4	124.6	15,500	110
115	48.6	125.2	20,200	52.8	123.7	19,000	56.8	120.0	15,000	115
120	46.1	120.4	19,700	50.3	118.8	18,200	54.2	114.9	14,500	120
125	43.5	115.1	19,300	47.6	113.4	17,500	51.5	109.2	14,100	125
130	40.8	109.2	18,900	44.8	107.4	16,800	48.5	103.0	13,700	130
135	37.8	102.7	18,500	41.9	100.8	16,300	45.4	96.1	13,300	135
140	34.7	95.5	18,100	38.6	93.4	15,700	42.0	88.3	13,000	140
145	31.2	87.3	17,400	35.1	85.0	15,200				145
150	27.4	77.8	16,800	31.1	75.1	14,800				150
155	22.9	66.3	16,200							155

MLC250 S-2

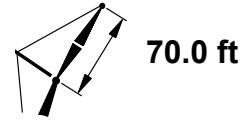
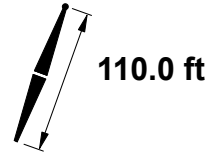
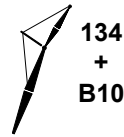
ASME B30.5



	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
40	80.0		174.7							40
45	78.2		173.6							45
50	76.5		172.4							50
55	74.7		170.9	80.7	171.2	26,800				55
60	73.0		169.4	78.9	169.7	26,200				60
65	71.2		167.6	77.1	168.1	25,600				65
70	69.4		165.6	75.3	166.3	24,900	79.6	163.3	22,900	70
75	67.5		163.5	73.5	164.4	24,300	77.8	161.3	22,400	75
80	65.7		161.2	71.7	162.2	23,800	75.9	159.1	21,400	80
85	63.8		158.7	69.8	159.9	23,200	74.0	156.7	20,400	85
90	61.9		155.9	67.9	157.3	22,700	72.0	154.1	19,500	90
95	59.9		153.0	66.0	154.6	22,200	70.1	151.3	18,700	95
100	57.9		149.8	64.0	151.6	21,700	68.0	148.3	17,900	100
105	55.9		146.3	62.0	148.4	21,300	66.0	145.0	17,300	105
110	53.8		142.6	59.9	144.9	20,800	63.8	141.4	16,600	110
115	51.6		138.6	57.8	141.1	20,400	61.7	137.5	16,100	115
120	49.4		134.2	55.6	137.0	19,800	59.4	133.3	15,500	120
125	47.1		129.5	53.3	132.6	19,100	57.1	128.8	15,000	125
130	44.6		124.4	51.0	127.9	18,300	54.6	123.9	14,600	130
135	42.1		118.8	48.5	122.7	17,700	52.1	118.5	14,200	135
140	39.5		112.7	46.0	117.0	17,100	49.4	112.6	13,800	140
145	36.6		105.9	43.2	110.8	16,500	46.6	106.1	13,400	145
150	33.6		98.4	40.4	103.9	16,000	43.6	98.8	13,100	150
155	30.2		89.9	37.2	96.2	15,500				155
160	26.5		80.0	33.8	87.4	15,100				160
165	22.2		68.1	30.0	77.2	14,700				165

MLC250 S-2

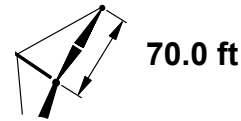
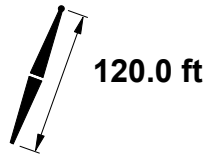
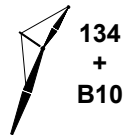
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	ft	lb		
40	80.5	184.9	29,500							40
45	78.9	183.9	29,500							45
50	77.3	182.7	29,300							50
55	75.6	181.4	28,500	79.6	180.1	26,300				55
60	74.0	179.9	27,800	77.9	178.6	25,700				60
65	72.3	178.2	27,100	76.2	176.9	25,100	80.3	173.8	23,100	65
70	70.6	176.4	26,400	74.5	175.1	24,600	78.5	171.9	22,600	70
75	68.9	174.4	25,800	72.8	173.1	24,100	76.8	169.9	21,800	75
80	67.1	172.2	25,200	71.0	170.9	23,500	75.0	167.7	20,900	80
85	65.4	169.9	24,600	69.2	168.5	23,100	73.2	165.3	20,000	85
90	63.6	167.3	24,000	67.4	166.0	22,600	71.3	162.6	19,200	90
95	61.8	164.6	23,400	65.6	163.2	22,100	69.5	159.8	18,500	95
100	59.9	161.6	22,800	63.7	160.2	21,600	67.5	156.8	17,800	100
105	58.0	158.5	22,400	61.8	157.0	21,200	65.6	153.5	17,100	105
110	56.1	155.0	21,900	59.9	153.5	20,800	63.6	149.9	16,600	110
115	54.1	151.4	21,300	57.9	149.8	20,400	61.6	146.1	16,000	115
120	52.1	147.4	20,900	55.9	145.8	19,900	59.4	142.0	15,500	120
125	50.0	143.2	20,500	53.7	141.5	19,200	57.3	137.6	15,100	125
130	47.9	138.6	20,000	51.6	136.9	18,500	55.0	132.8	14,600	130
135	45.6	133.6	19,600	49.3	131.9	17,900	52.7	127.6	14,200	135
140	43.3	128.3	19,200	46.9	126.4	17,300	50.2	122.0	13,900	140
145	40.8	122.4	18,900	44.4	120.5	16,800	47.6	115.8	13,500	145
150	38.3	116.1	18,500	41.8	114.0	16,300	44.9	109.0	13,200	150
155	35.5	109.0	18,200	39.0	106.9	15,800	41.9	101.4	13,000	155
160	32.6	101.2	17,700	36.0	98.9	15,400				160
165	29.3	92.4	17,100	32.7	89.8	15,000				165
170	25.7	82.2	16,600							170
175	21.5	69.9	16,000							175

MLC250 S-2

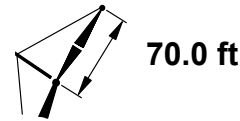
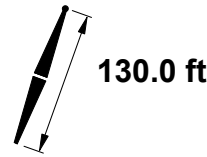
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
40	81.0	195.1	29,500							40
45	79.5	194.1	29,500							45
50	77.9	193.0	29,500							50
55	76.4	191.7	28,800	80.1	190.4	26,500				55
60	74.8	190.3	28,100	78.6	189.0	25,900				60
65	73.2	188.8	27,500	77.0	187.4	25,400	80.8	184.2	23,200	65
70	71.7	187.0	26,800	75.4	185.7	24,800	79.2	182.5	22,800	70
75	70.0	185.2	26,200	73.7	183.8	24,300	77.5	180.6	22,300	75
80	68.4	183.1	25,600	72.1	181.8	23,800	75.8	178.5	21,300	80
85	66.8	180.9	25,000	70.4	179.6	23,400	74.2	176.2	20,500	85
90	65.1	178.6	24,400	68.8	177.2	22,900	72.4	173.8	19,700	90
95	63.4	176.0	23,900	67.0	174.6	22,400	70.7	171.1	18,900	95
100	61.7	173.2	23,300	65.3	171.8	22,000	68.9	168.3	18,300	100
105	59.9	170.3	22,800	63.5	168.8	21,600	67.1	165.3	17,600	105
110	58.1	167.1	22,300	61.7	165.6	21,200	65.3	162.0	17,000	110
115	56.3	163.7	21,900	59.9	162.2	20,800	63.4	158.5	16,500	115
120	54.5	160.1	21,400	58.0	158.5	20,400	61.5	154.7	16,000	120
125	52.6	156.2	20,900	56.1	154.6	20,000	59.5	150.7	15,500	125
130	50.6	152.1	20,500	54.1	150.4	19,300	57.4	146.4	15,100	130
135	48.6	147.6	20,100	52.1	145.9	18,700	55.3	141.7	14,700	135
140	46.5	142.8	19,800	49.9	141.0	18,000	53.1	136.7	14,300	140
145	44.3	137.6	19,400	47.7	135.8	17,500	50.9	131.2	14,000	145
150	42.0	132.0	19,000	45.4	130.1	17,000	48.5	125.4	13,700	150
155	39.7	126.0	18,600	43.0	123.9	16,500	46.0	118.9	13,400	155
160	37.2	119.3	18,400	40.5	117.2	16,000	43.3	111.9	13,100	160
165	34.5	112.1	18,000	37.8	109.7	15,600				165
170	31.6	104.0	17,500	34.8	101.4	15,200				170
175	28.5	94.8	16,900	31.6	92.0	14,800				175
180	25.0	84.3	16,400							180
185	20.9	71.6	16,000							185

MLC250 S-2

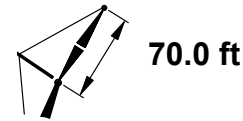
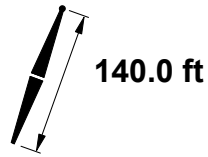
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	ft	lb		
45	80.0	204.3	29,500							45
50	78.6	203.3	29,500							50
55	77.1	202.1	29,100	80.6	200.7	26,600				55
60	75.6	200.7	28,400	79.2	199.4	26,100				60
65	74.1	199.2	27,700	77.7	197.9	25,600				65
70	72.6	197.6	27,100	76.1	196.3	25,100	79.8	193.0	22,900	70
75	71.1	195.9	26,500	74.6	194.5	24,500	78.2	191.2	22,600	75
80	69.6	193.9	25,900	73.1	192.6	24,100	76.6	189.2	21,700	80
85	68.0	191.9	25,300	71.5	190.5	23,600	75.0	187.1	20,900	85
90	66.4	189.6	24,800	69.9	188.2	23,200	73.4	184.8	20,100	90
95	64.8	187.2	24,300	68.3	185.8	22,800	71.8	182.3	19,400	95
100	63.2	184.7	23,700	66.7	183.2	22,300	70.1	179.7	18,700	100
105	61.6	181.9	23,200	65.0	180.4	21,900	68.4	176.8	18,100	105
110	59.9	179.0	22,700	63.4	177.4	21,500	66.7	173.8	17,500	110
115	58.2	175.8	22,300	61.7	174.3	21,100	65.0	170.5	17,000	115
120	56.5	172.4	21,800	59.9	170.9	20,700	63.2	167.1	16,500	120
125	54.8	168.9	21,400	58.1	167.2	20,400	61.4	163.3	16,000	125
130	52.9	165.0	21,000	56.3	163.4	20,100	59.5	159.4	15,500	130
135	51.1	160.9	20,600	54.4	159.2	19,400	57.6	155.1	15,100	135
140	49.2	156.6	20,200	52.5	154.8	18,800	55.6	150.6	14,800	140
145	47.2	151.9	19,800	50.5	150.1	18,200	53.6	145.7	14,400	145
150	45.2	146.9	19,500	48.5	145.0	17,700	51.4	140.4	14,100	150
155	43.1	141.5	19,100	46.3	139.5	17,200	49.2	134.8	13,700	155
160	40.9	135.7	18,800	44.1	133.6	16,700	46.9	128.7	13,500	160
165	38.6	129.4	18,500	41.8	127.2	16,200	44.5	122.0	13,200	165
170	36.2	122.5	18,200	39.3	120.2	15,800	41.9	114.6	13,000	170
175	33.6	115.0	17,900	36.6	112.5	15,400				175
180	30.8	106.6	17,300	33.8	104.0	15,100				180
185	27.7	97.2	16,900	30.6	94.3	14,700				185
190	24.3	86.3	16,300							190
195	20.3	73.3	15,600							195

MLC250 S-2

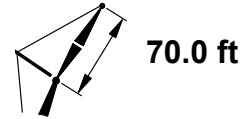
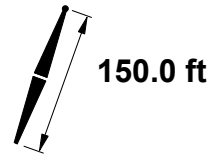
ASME B30.5



	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
45	80.5		214.5							45
50	79.1		213.5							50
55	77.7		212.4							55
60	76.3		211.1							60
65	74.9		209.7							65
70	73.5		208.2							70
75	72.0		206.5							75
80	70.6		204.7							80
85	69.1		202.7							85
90	67.6		200.6							90
95	66.1		198.3							95
100	64.6		195.9							100
105	63.1		193.3							105
110	61.5		190.6							110
115	59.9		187.6							115
120	58.3		184.5							120
125	56.7		181.1							125
130	55.0		177.6							130
135	53.3		173.8							135
140	51.6		169.8							140
145	49.8		165.5							145
150	47.9		160.9							150
155	46.0		156.1							155
160	44.0		150.9							160
165	42.0		145.3							165
170	39.8		139.2							170
175	37.6		132.7							175
180	35.2		125.6							180
185	32.7		117.8							185
190	30.0		109.2							190
195	27.0		99.5							195
200	23.7		88.4							200
205	19.8		75.0							205

MLC250 S-2

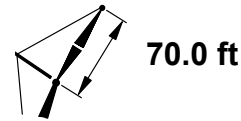
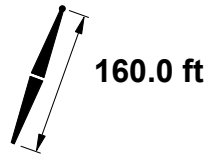
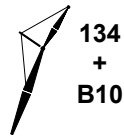
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	lb	ft		
45	80.9	224.7	29,500						45	
50	79.6	223.7	29,500						50	
55	78.3	222.6	29,400						55	
60	76.9	221.4	28,700	80.2	220.0	26,300			60	
65	75.6	220.1	28,100	78.8	218.7	25,900			65	
70	74.2	218.6	27,600	77.5	217.2	25,400	80.8	213.8	23,100	70
75	72.9	217.0	27,000	76.1	215.6	24,900	79.4	212.2	22,800	75
80	71.5	215.3	26,400	74.7	213.9	24,500	77.9	210.4	22,400	80
85	70.1	213.5	25,900	73.3	212.0	24,100	76.5	208.5	21,700	85
90	68.7	211.5	25,400	71.9	210.0	23,700	75.1	206.5	20,900	90
95	67.3	209.3	24,900	70.5	207.8	23,300	73.6	204.3	20,200	95
100	65.9	207.0	24,400	69.0	205.5	22,900	72.2	201.9	19,500	100
105	64.4	204.6	24,000	67.5	203.1	22,500	70.7	199.4	18,900	105
110	62.9	202.0	23,500	66.1	200.4	22,100	69.2	196.7	18,300	110
115	61.5	199.2	23,100	64.6	197.7	21,700	67.6	193.9	17,800	115
120	59.9	196.3	22,600	63.0	194.7	21,400	66.1	190.9	17,300	120
125	58.4	193.2	22,200	61.5	191.5	21,000	64.5	187.6	16,800	125
130	56.8	189.8	21,800	59.9	188.2	20,800	62.9	184.2	16,400	130
135	55.3	186.3	21,400	58.3	184.6	20,400	61.2	180.6	16,000	135
140	53.6	182.6	21,000	56.7	180.9	20,100	59.6	176.7	15,600	140
145	52.0	178.6	20,700	55.0	176.9	19,600	57.8	172.6	15,200	145
150	50.3	174.4	20,300	53.3	172.6	19,000	56.1	168.3	14,800	150
155	48.5	170.0	19,900	51.5	168.1	18,500	54.3	163.6	14,500	155
160	46.7	165.2	19,700	49.7	163.3	18,000	52.4	158.7	14,200	160
165	44.9	160.1	19,300	47.8	158.2	17,500	50.4	153.4	13,900	165
170	42.9	154.7	19,000	45.9	152.7	17,100	48.4	147.7	13,600	170
175	41.0	148.9	18,300	43.8	146.8	16,700	46.3	141.6	13,400	175
180	38.9	142.7	17,300	41.7	140.4	16,200	44.1	135.0	13,200	180
185	36.7	135.9	16,400	39.5	133.6	15,900	41.8	127.8	13,000	185
190	34.4	128.6	15,500	37.1	126.1	15,500				190
195	31.9	120.6	14,600	34.6	117.9	15,000				195
200	29.3	111.7	13,800	31.9	108.8	14,200				200
205	26.4	101.8	13,100							205
210	23.1	90.3	12,300							210
215	19.3	76.6	11,600							215

MLC250 S-2

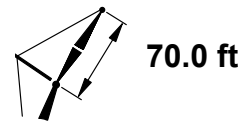
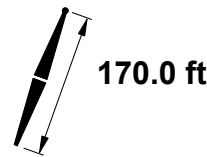
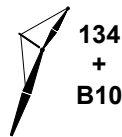
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
50	80.1	233.9	29,500							50
55	78.8	232.9	29,500							55
60	77.5	231.7	28,900	80.6	230.3	26,400				60
65	76.2	230.5	28,300	79.3	229.0	25,900				65
70	74.9	229.1	27,800	78.0	227.6	25,500				70
75	73.6	227.5	27,200	76.7	226.1	25,100	79.8	222.6	22,900	75
80	72.3	225.9	26,700	75.4	224.4	24,600	78.5	220.9	22,600	80
85	71.0	224.1	26,100	74.1	222.7	24,300	77.2	219.1	22,000	85
90	69.7	222.2	25,600	72.7	220.8	23,900	75.8	217.2	21,300	90
95	68.3	220.2	25,200	71.4	218.7	23,400	74.4	215.1	20,600	95
100	67.0	218.0	24,700	70.0	216.5	23,100	73.0	212.9	19,900	100
105	65.6	215.7	24,300	68.6	214.2	22,700	71.6	210.5	19,300	105
110	64.2	213.3	23,800	67.2	211.7	22,300	70.2	208.0	18,700	110
115	62.8	210.7	23,400	65.8	209.1	22,000	68.7	205.3	18,200	115
120	61.4	207.9	22,900	64.4	206.3	21,700	67.3	202.4	17,700	120
125	59.9	204.9	22,500	62.9	203.3	21,300	65.8	199.4	17,200	125
130	58.5	201.8	22,200	61.4	200.2	21,000	64.3	196.2	16,800	130
135	57.0	198.5	21,700	59.9	196.9	20,700	62.7	192.8	16,300	135
140	55.5	195.0	21,400	58.4	193.3	20,400	61.2	189.2	15,900	140
145	53.9	191.3	21,100	56.8	189.6	20,100	59.6	185.4	15,600	145
150	52.3	187.4	20,700	55.2	185.7	19,700	57.9	181.4	15,200	150
155	50.7	183.3	20,300	53.6	181.5	19,200	56.3	177.1	14,900	155
160	49.1	178.9	20,000	51.9	177.1	18,600	54.5	172.5	14,600	160
165	47.4	174.3	19,700	50.2	172.4	18,200	52.8	167.7	14,300	165
170	45.6	169.3	18,900	48.4	167.4	17,700	51.0	162.5	14,000	170
175	43.8	164.1	17,900	46.6	162.0	17,200	49.1	157.0	13,700	175
180	41.9	158.5	16,900	44.7	156.4	16,800	47.1	151.2	13,500	180
185	40.0	152.5	15,900	42.7	150.3	16,400	45.1	144.9	13,300	185
190	38.0	146.0	15,100	40.7	143.7	15,600	42.9	138.0	13,000	190
195	35.8	139.1	14,200	38.5	136.7	14,700	40.6	130.6	12,900	195
200	33.6	131.6	13,400	36.2	129.0	13,800				200
205	31.2	123.3	12,700	33.7	120.5	13,000				205
210	28.6	114.2	11,900	31.1	111.2	12,300				210
215	25.7	104.0	11,200							215
220	22.6	92.2	10,600							220
225	18.8	78.1	9,900							225

MLC250 S-2

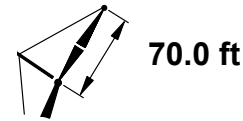
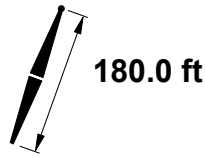
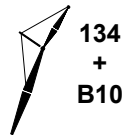
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	lb	ft		
50	80.5	244.1	29,500						50	
55	79.3	243.1	29,500						55	
60	78.1	242.0	29,000	81.0	240.5	26,400			60	
65	76.8	240.8	28,500	79.8	239.3	26,000			65	
70	75.6	239.5	27,900	78.5	238.0	25,600			70	
75	74.4	238.0	27,300	77.3	236.5	25,200	80.3	233.0	22,900	75
80	73.1	236.4	26,900	76.0	235.0	24,800	79.0	231.4	22,600	80
85	71.8	234.8	26,400	74.8	233.3	24,400	77.7	229.7	22,300	85
90	70.6	233.0	25,800	73.5	231.5	24,000	76.4	227.8	21,600	90
95	69.3	231.0	25,400	72.2	229.5	23,700	75.1	225.8	20,900	95
100	68.0	229.0	24,900	70.9	227.4	23,300	73.8	223.7	20,300	100
105	66.7	226.8	24,500	69.6	225.2	22,900	72.5	221.5	19,700	105
110	65.4	224.4	24,100	68.3	222.9	22,600	71.1	219.1	19,100	110
115	64.0	221.9	23,700	66.9	220.4	22,200	69.7	216.5	18,600	115
120	62.7	219.3	23,300	65.6	217.7	21,900	68.4	213.9	18,100	120
125	61.3	216.5	22,800	64.2	214.9	21,600	67.0	211.0	17,600	125
130	59.9	213.6	22,500	62.8	212.0	21,300	65.5	208.0	17,100	130
135	58.5	210.5	22,100	61.4	208.8	21,000	64.1	204.8	16,700	135
140	57.1	207.2	21,800	59.9	205.5	20,700	62.6	201.4	16,300	140
145	55.7	203.8	21,400	58.5	202.0	20,400	61.1	197.8	15,900	145
150	54.2	200.1	21,000	57.0	198.3	20,200	59.6	194.1	15,600	150
155	52.7	196.2	20,700	55.4	194.4	19,800	58.0	190.1	15,200	155
160	51.1	192.2	20,300	53.9	190.3	19,200	56.4	185.9	14,900	160
165	49.6	187.9	19,500	52.3	186.0	18,800	54.8	181.4	14,600	165
170	47.9	183.3	18,400	50.7	181.4	18,200	53.1	176.7	14,300	170
175	46.3	178.5	17,400	49.0	176.5	17,800	51.4	171.7	14,100	175
180	44.6	173.4	16,400	47.3	171.3	17,000	49.6	166.3	13,800	180
185	42.8	167.9	15,400	45.5	165.8	16,100	47.8	160.6	13,600	185
190	41.0	162.1	14,600	43.6	159.9	15,100	45.9	154.6	13,300	190
195	39.1	156.0	13,700	41.7	153.7	14,300	43.9	148.0	13,100	195
200	37.1	149.3	12,900	39.7	146.9	13,400	41.8	141.0	12,900	200
205	35.0	142.2	12,200	37.6	139.7	12,600				205
210	32.8	134.4	11,500	35.3	131.7	11,900				210
215	30.5	126.0	10,800	32.9	123.1	11,100				215
220	27.9	116.6	10,100	30.3	113.5	10,400				220
225	25.2	106.1	9,500							225
230	22.1	94.1	8,900							230

MLC250 S-2

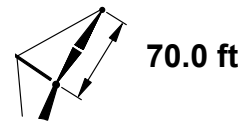
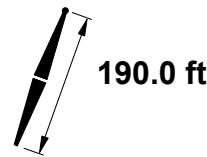
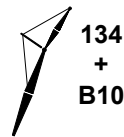
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
50	80.9	254.2	29,500							50
55	79.7	253.3	29,500							55
60	78.5	252.2	29,100							60
65	77.4	251.1	28,600	80.2	249.6	26,000				65
70	76.2	249.8	28,000	79.0	248.3	25,700				70
75	75.0	248.4	27,500	77.8	246.9	25,300	80.7	243.4	23,000	75
80	73.8	246.9	27,000	76.6	245.4	24,900	79.5	241.8	22,700	80
85	72.6	245.3	26,500	75.4	243.8	24,600	78.3	240.2	22,400	85
90	71.4	243.6	26,100	74.2	242.1	24,200	77.0	238.4	22,000	90
95	70.2	241.8	25,600	73.0	240.2	23,800	75.8	236.5	21,300	95
100	68.9	239.8	25,200	71.7	238.2	23,500	74.5	234.5	20,600	100
105	67.7	237.7	24,700	70.5	236.1	23,100	73.2	232.4	20,000	105
110	66.4	235.5	24,300	69.2	233.9	22,800	72.0	230.1	19,500	110
115	65.2	233.1	23,900	67.9	231.5	22,500	70.7	227.7	18,900	115
120	63.9	230.6	23,500	66.6	229.0	22,100	69.3	225.1	18,400	120
125	62.6	228.0	23,200	65.3	226.3	21,800	68.0	222.4	17,900	125
130	61.3	225.2	22,800	64.0	223.5	21,500	66.7	219.6	17,500	130
135	59.9	222.3	22,400	62.7	220.6	21,200	65.3	216.5	17,100	135
140	58.6	219.2	22,100	61.3	217.5	20,900	63.9	213.4	16,700	140
145	57.2	215.9	21,700	59.9	214.2	20,700	62.5	210.0	16,300	145
150	55.8	212.5	21,300	58.5	210.7	20,400	61.1	206.5	15,900	150
155	54.4	208.8	21,000	57.1	207.1	20,100	59.6	202.7	15,600	155
160	53.0	205.0	20,300	55.6	203.2	19,800	58.1	198.8	15,200	160
165	51.5	201.0	19,100	54.2	199.2	19,400	56.6	194.7	14,900	165
170	50.0	196.8	18,000	52.6	194.9	18,800	55.1	190.3	14,700	170
175	48.5	192.3	16,900	51.1	190.4	17,700	53.5	185.6	14,400	175
180	46.9	187.6	15,900	49.5	185.6	16,600	51.8	180.7	14,100	180
185	45.3	182.6	15,000	47.9	180.5	15,700	50.1	175.5	13,900	185
190	43.6	177.3	14,100	46.2	175.2	14,800	48.4	170.0	13,600	190
195	41.9	171.7	13,300	44.4	169.5	13,900	46.6	164.2	13,400	195
200	40.1	165.7	12,500	42.6	163.5	13,000	44.7	157.9	13,200	200
205	38.3	159.4	11,700	40.7	157.0	12,200	42.8	151.2	12,700	205
210	36.3	152.5	11,000	38.8	150.1	11,500	40.7	143.9	11,900	210
215	34.3	145.2	10,300	36.7	142.6	10,800				215
220	32.1	137.3	9,700	34.5	134.5	10,100				220
225	29.8	128.6	9,100	32.1	125.6	9,400				225
230	27.3	119.0	8,500	29.6	115.7	8,700				230
235	24.6	108.2	7,900							235
240	21.6	95.9	7,300							240

MLC250 S-2

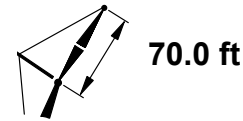
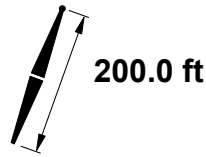
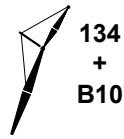
ASME B30.5



ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
55	80.1	263.5	29,500							55
60	79.0	262.5	29,100							60
65	77.9	261.4	28,600	80.6	259.9	26,100				65
70	76.7	260.1	28,100	79.5	258.6	25,800				70
75	75.6	258.8	27,600	78.3	257.3	25,400				75
80	74.4	257.4	27,100	77.2	255.9	25,000	79.9	252.2	22,800	80
85	73.3	255.8	26,600	76.0	254.3	24,700	78.7	250.6	22,500	85
90	72.1	254.2	26,200	74.8	252.7	24,300	77.6	249.0	22,200	90
95	71.0	252.4	25,700	73.6	250.9	24,000	76.4	247.2	21,600	95
100	69.8	250.5	25,400	72.5	249.0	23,600	75.2	245.2	21,000	100
105	68.6	248.5	24,900	71.3	247.0	23,300	73.9	243.2	20,400	105
110	67.4	246.4	24,500	70.1	244.8	23,000	72.7	241.0	19,800	110
115	66.2	244.2	24,100	68.8	242.6	22,700	71.5	238.7	19,300	115
120	65.0	241.8	23,800	67.6	240.2	22,300	70.2	236.3	18,700	120
125	63.7	239.3	23,400	66.4	237.7	22,100	69.0	233.7	18,300	125
130	62.5	236.6	23,100	65.1	235.0	21,700	67.7	231.0	17,800	130
135	61.2	233.9	22,700	63.8	232.2	21,400	66.4	228.1	17,400	135
140	60.0	230.9	22,300	62.6	229.2	21,200	65.1	225.1	17,000	140
145	58.7	227.8	22,000	61.3	226.1	20,900	63.8	222.0	16,600	145
150	57.3	224.6	21,700	59.9	222.8	20,600	62.4	218.6	16,200	150
155	56.0	221.2	21,000	58.6	219.4	20,400	61.0	215.1	15,900	155
160	54.7	217.6	19,700	57.2	215.8	20,200	59.6	211.4	15,600	160
165	53.3	213.8	18,500	55.8	212.0	19,400	58.2	207.5	15,300	165
170	51.9	209.8	17,400	54.4	208.0	18,200	56.8	203.4	15,000	170
175	50.4	205.7	16,300	53.0	203.8	17,100	55.3	199.1	14,700	175
180	49.0	201.3	15,300	51.5	199.3	16,100	53.8	194.6	14,400	180
185	47.5	196.6	14,400	50.0	194.6	15,100	52.2	189.8	14,200	185
190	45.9	191.8	13,500	48.4	189.7	14,200	50.6	184.7	13,900	190
195	44.3	186.6	12,700	46.8	184.5	13,300	49.0	179.3	13,700	195
200	42.7	181.2	11,900	45.1	179.0	12,500	47.2	173.6	13,000	200
205	41.0	175.4	11,100	43.4	173.1	11,700	45.5	167.6	12,200	205
210	39.3	169.2	10,400	41.7	166.9	11,000	43.7	161.1	11,400	210
215	37.5	162.7	9,700	39.8	160.2	10,200	41.7	154.2	10,600	215
220	35.6	155.7	9,100	37.9	153.1	9,500				220
225	33.6	148.2	8,500	35.9	145.4	8,900				225
230	31.5	140.0	7,900	33.7	137.1	8,200				230
235	29.2	131.1	7,300	31.4	128.0	7,600				235
240	26.8	121.3	6,700							240
245	24.1	110.3	6,200							245
250	21.1	97.7	5,700							250

MLC250 S-2

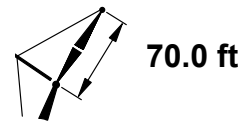
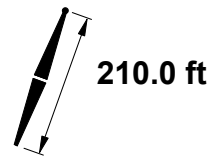
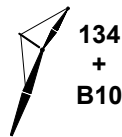
ASME B30.5



	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
55	80.5		273.7							55
60	79.4		272.7							60
65	78.3		271.6							65
70	77.2		270.4	81.0	270.1	26,100				70
75	76.1		269.2	79.9	268.9	25,800				75
80	75.0		267.8	78.8	267.7	25,400				80
85	73.9		266.3	77.6	266.3	25,100	80.3	262.6	22,800	85
90	72.8		264.7	76.5	264.8	24,700	79.2	261.1	22,600	90
95	71.7		263.0	75.4	263.2	24,400	78.0	259.5	22,300	95
100	70.6		261.2	74.3	261.5	24,100	76.9	257.7	21,900	100
105	69.4		259.3	73.2	259.7	23,700	75.7	255.9	21,200	105
110	68.3		257.3	72.0	257.7	23,400	74.6	253.9	20,700	110
115	67.1		255.1	70.9	255.7	23,100	73.4	251.9	20,100	115
120	66.0		252.9	69.7	253.5	22,800	72.2	249.7	19,600	120
125	64.8		250.5	68.5	251.2	22,500	71.0	247.3	19,100	125
130	63.6		248.0	67.3	248.8	22,200	69.8	244.9	18,600	130
135	62.4		245.3	66.1	246.3	22,000	68.6	242.3	18,100	135
140	61.2		242.5	64.9	243.6	21,600	67.4	239.6	17,700	140
145	60.0		239.6	63.7	240.8	21,300	66.1	236.7	17,300	145
150	58.7		236.5	62.5	237.9	21,100	64.9	233.7	16,900	150
155	57.4		233.3	61.2	234.8	20,900	63.6	230.6	16,600	155
160	56.2		229.9	59.9	231.5	20,600	62.3	227.2	16,200	160
165	54.9		226.3	58.6	228.1	20,200	61.0	223.7	15,900	165
170	53.5		222.6	57.3	224.5	19,000	59.6	220.1	15,600	170
175	52.2		218.7	56.0	220.7	17,800	58.3	216.2	15,300	175
180	50.8		214.5	54.6	216.8	16,700	56.9	212.2	15,000	180
185	49.4		210.2	53.2	212.6	15,700	55.5	207.9	14,700	185
190	48.0		205.7	51.8	208.2	14,700	54.0	203.5	14,500	190
195	46.5		200.9	50.4	203.7	13,800	52.5	198.8	14,200	195
200	45.0		195.9	48.9	198.8	12,900	51.0	193.8	13,600	200
205	43.5		190.5	47.4	193.7	12,100	49.5	188.6	12,700	205
210	41.9		184.9	45.8	188.4	11,300	47.8	183.0	11,900	210
215	40.2		179.0	44.2	182.7	10,500	46.2	177.2	11,100	215
220	38.5		172.7	42.5	176.6	9,800	44.4	170.9	10,300	220
225	36.7		166.0	40.8	170.2	9,100	42.6	164.3	9,600	225
230	34.9		158.8	39.0	163.4	8,500	40.8	157.2	8,900	230
240	30.8		142.7	37.1	156.1	7,800				240
245	28.6		133.6	33.0	139.7	6,600				245
250	26.3		123.6	30.7	130.4	6,100				250
260	20.7		99.5							260

MLC250 S-2

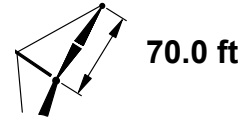
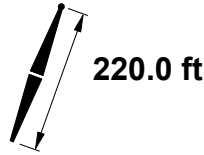
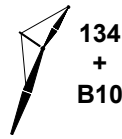
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	ft	lb		
55	80.8	283.8	29,500							55
60	79.8	282.9	29,200							60
65	78.7	281.9	28,700							65
70	77.7	280.7	28,200	80.2	279.2	25,800				70
75	76.6	279.5	27,800	79.2	278.0	25,400				75
80	75.6	278.2	27,300	78.1	276.6	25,100	80.7	272.9	22,800	80
85	74.5	276.8	26,900	77.0	275.2	24,800	79.6	271.5	22,600	85
90	73.5	275.2	26,400	76.0	273.7	24,500	78.5	269.9	22,400	90
95	72.4	273.6	26,000	74.9	272.0	24,200	77.4	268.3	22,100	95
100	71.3	271.9	25,600	73.8	270.3	23,900	76.3	266.5	21,500	100
105	70.2	270.0	25,200	72.7	268.4	23,500	75.2	264.6	21,000	105
110	69.1	268.1	24,800	71.6	266.5	23,200	74.1	262.6	20,400	110
115	68.0	266.0	24,500	70.5	264.4	22,900	72.9	260.5	19,900	115
120	66.9	263.9	24,100	69.3	262.2	22,700	71.8	258.3	19,400	120
125	65.8	261.6	23,800	68.2	259.9	22,400	70.6	256.0	18,900	125
130	64.6	259.2	23,500	67.1	257.5	22,100	69.5	253.5	18,500	130
135	63.5	256.6	23,100	65.9	254.9	21,900	68.3	250.9	18,000	135
140	62.3	254.0	22,800	64.7	252.3	21,500	67.1	248.2	17,600	140
145	61.1	251.2	22,500	63.6	249.5	21,300	65.9	245.3	17,200	145
150	60.0	248.2	21,400	62.4	246.5	21,000	64.7	242.3	16,900	150
155	58.8	245.2	20,000	61.2	243.4	20,800	63.5	239.2	16,500	155
160	57.5	241.9	18,700	59.9	240.2	19,800	62.2	235.8	16,200	160
165	56.3	238.6	17,500	58.7	236.8	18,500	61.0	232.4	15,900	165
170	55.0	235.0	16,400	57.4	233.2	17,400	59.7	228.8	15,600	170
175	53.8	231.3	15,400	56.1	229.5	16,300	58.4	224.9	15,300	175
180	52.5	227.5	14,400	54.8	225.6	15,200	57.0	220.9	15,000	180
185	51.2	223.4	13,400	53.5	221.5	14,300	55.7	216.8	14,800	185
190	49.8	219.1	12,600	52.2	217.2	13,300	54.3	212.4	14,100	190
195	48.4	214.7	11,700	50.8	212.6	12,500	52.9	207.7	13,200	195
200	47.0	210.0	10,900	49.3	207.9	11,600	51.4	202.9	12,300	200
205	45.6	205.0	10,200	47.9	202.9	10,800	49.9	197.8	11,400	205
210	44.1	199.9	9,500	46.4	197.7	10,100	48.4	192.4	10,700	210
215	42.6	194.4	8,800	44.9	192.1	9,400	46.8	186.7	9,900	215
220	41.1	188.6	8,100	43.3	186.3	8,700	45.2	180.6	9,200	220
225	39.4	182.5	7,500	41.7	180.1	8,000	43.5	174.2	8,500	225
230	37.8	176.0	6,900	40.0	173.5	7,400	41.7	167.4	7,800	230
235	36.0	169.1	6,300	38.2	166.5	6,800				235
240	34.2	161.8	5,800	36.3	159.0	6,200				240
250	30.3	145.3	4,800	32.3	142.3	5,100				250
255	28.1	136.0	4,300	30.1	132.7	4,600				255

MLC250 S-2

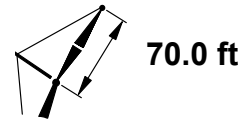
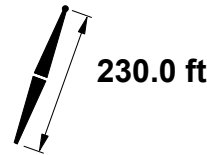
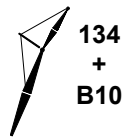
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
60	80.1	293.1	29,100							60
65	79.1	292.1	28,700							65
70	78.1	291.0	28,200	80.6	289.4	25,700				70
75	77.1	289.8	27,800	79.6	288.3	25,400				75
80	76.1	288.5	27,300	78.5	287.0	25,100	81.0	283.2	22,800	80
85	75.1	287.2	26,900	77.5	285.6	24,800	80.0	281.8	22,600	85
90	74.0	285.7	26,500	76.5	284.1	24,500	78.9	280.3	22,400	90
95	73.0	284.1	26,100	75.4	282.6	24,200	77.9	278.7	22,200	95
100	72.0	282.5	25,700	74.4	280.9	23,900	76.8	277.0	21,800	100
105	70.9	280.7	25,400	73.3	279.1	23,600	75.7	275.2	21,300	105
110	69.9	278.8	25,000	72.3	277.2	23,300	74.7	273.3	20,700	110
115	68.8	276.9	24,700	71.2	275.2	23,100	73.6	271.3	20,200	115
120	67.7	274.8	24,300	70.1	273.1	22,800	72.5	269.2	19,700	120
125	66.6	272.6	23,900	69.0	270.9	22,500	71.4	266.9	19,200	125
130	65.6	270.3	23,600	67.9	268.6	22,300	70.3	264.6	18,800	130
135	64.5	267.8	23,300	66.8	266.2	22,000	69.1	262.1	18,300	135
140	63.4	265.3	23,000	65.7	263.6	21,800	68.0	259.5	17,900	140
145	62.2	262.6	22,400	64.6	260.9	21,500	66.9	256.8	17,500	145
150	61.1	259.8	20,900	63.4	258.1	21,200	65.7	253.9	17,200	150
155	60.0	256.9	19,500	62.3	255.1	20,700	64.5	250.9	16,800	155
160	58.8	253.8	18,300	61.1	252.1	19,400	63.3	247.8	16,500	160
165	57.6	250.6	17,100	59.9	248.8	18,100	62.1	244.5	16,200	165
170	56.4	247.3	16,000	58.7	245.4	17,000	60.9	241.0	15,900	170
175	55.2	243.8	14,900	57.5	241.9	15,900	59.7	237.4	15,600	175
180	54.0	240.1	13,900	56.3	238.2	14,800	58.4	233.6	15,300	180
185	52.8	236.3	13,000	55.0	234.3	13,900	57.1	229.7	14,700	185
190	51.5	232.2	12,100	53.8	230.3	12,900	55.8	225.6	13,700	190
195	50.2	228.0	11,300	52.5	226.0	12,100	54.5	221.2	12,800	195
200	48.9	223.6	10,500	51.1	221.6	11,200	53.1	216.7	11,900	200
205	47.5	219.0	9,700	49.8	216.9	10,400	51.7	211.9	11,100	205
210	46.2	214.2	9,000	48.4	212.1	9,700	50.3	206.9	10,300	210
215	44.8	209.1	8,300	47.0	206.9	9,000	48.9	201.6	9,500	215
220	43.3	203.8	7,700	45.5	201.5	8,300	47.4	196.1	8,800	220
225	41.8	198.2	7,000	44.0	195.8	7,600	45.8	190.2	8,100	225
230	40.3	192.2	6,500	42.4	189.8	7,000	44.2	184.0	7,400	230
235	38.7	186.0	5,900	40.8	183.5	6,400	42.6	177.5	6,800	235
240	37.1	179.3	5,300	39.2	176.8	5,800	40.8	170.5	6,200	240
245	35.4	172.3	4,800	37.4	169.6	5,200				245
250	33.6	164.7	4,300	35.6	161.9	4,700				250
255				33.7	153.7	4,200				255

MLC250 S-2

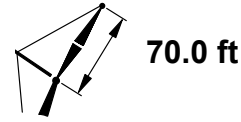
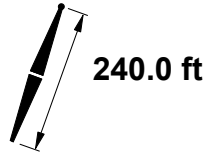
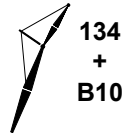
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	lb	ft		
60	80.5	303.2	29,100							60
65	79.5	302.3	28,600							65
70	78.5	301.2	28,200	80.9	299.7	25,700				70
75	77.6	300.1	27,800	79.9	298.5	25,400				75
80	76.6	298.9	27,400	78.9	297.3	25,100				80
85	75.6	297.5	26,900	77.9	296.0	24,800	80.3	292.2	22,600	85
90	74.6	296.1	26,500	76.9	294.5	24,500	79.3	290.7	22,400	90
95	73.6	294.6	26,100	75.9	293.0	24,300	78.3	289.2	22,200	95
100	72.6	293.0	25,800	74.9	291.4	24,000	77.3	287.6	22,000	100
105	71.6	291.3	25,400	73.9	289.7	23,700	76.2	285.8	21,500	105
110	70.6	289.5	25,100	72.9	287.9	23,400	75.2	284.0	21,000	110
115	69.5	287.6	24,700	71.9	286.0	23,100	74.2	282.1	20,500	115
120	68.5	285.6	24,400	70.8	284.0	22,900	73.1	280.0	20,000	120
125	67.5	283.5	24,000	69.8	281.8	22,600	72.1	277.9	19,500	125
130	66.4	281.3	23,800	68.7	279.6	22,400	71.0	275.6	19,100	130
135	65.4	279.0	23,400	67.7	277.3	22,100	69.9	273.2	18,600	135
140	64.3	276.5	23,100	66.6	274.8	21,900	68.8	270.7	18,200	140
145	63.2	274.0	21,800	65.5	272.2	21,600	67.7	268.1	17,800	145
150	62.2	271.3	20,300	64.4	269.6	21,400	66.6	265.4	17,500	150
155	61.1	268.5	18,900	63.3	266.7	20,200	65.5	262.5	17,100	155
160	60.0	265.6	17,700	62.2	263.8	18,900	64.4	259.5	16,800	160
165	58.8	262.5	16,500	61.1	260.7	17,600	63.2	256.4	16,500	165
170	57.7	259.3	15,400	59.9	257.5	16,400	62.1	253.1	16,200	170
175	56.6	256.0	14,300	58.8	254.1	15,300	60.9	249.7	15,900	175
180	55.4	252.5	13,300	57.6	250.6	14,300	59.7	246.1	15,200	180
185	54.2	248.8	12,400	56.4	246.9	13,300	58.5	242.3	14,200	185
190	53.0	245.0	11,500	55.2	243.1	12,400	57.2	238.4	13,200	190
195	51.8	241.1	10,700	54.0	239.1	11,500	56.0	234.3	12,300	195
200	50.6	236.9	9,900	52.7	234.9	10,700	54.7	230.1	11,400	200
205	49.3	232.6	9,100	51.5	230.5	9,900	53.4	225.6	10,600	205
210	48.0	228.0	8,400	50.2	226.0	9,100	52.1	220.9	9,800	210
215	46.7	223.3	7,700	48.8	221.2	8,400	50.7	216.0	9,000	215
220	45.3	218.3	7,100	47.5	216.1	7,700	49.3	210.8	8,300	220
225	44.0	213.1	6,400	46.1	210.9	7,100	47.9	205.4	7,600	225
230	42.5	207.6	5,800	44.6	205.3	6,400	46.4	199.7	6,900	230
235	41.1	201.8	5,300	43.2	199.5	5,800	44.9	193.7	6,300	235
240	39.6	195.8	4,700	41.6	193.3	5,200	43.3	187.4	5,700	240
245	38.0	189.4	4,200	40.1	186.8	4,700	41.7	180.6	5,100	245
250				38.4	179.9	4,200				250

MLC250 S-2

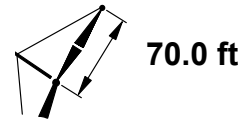
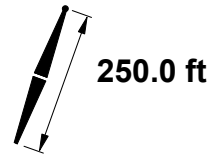
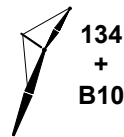
ASME B30.5



	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
60	80.8	313.4	29,000							60
65	79.9	312.5	28,600							65
70	78.9	311.5	28,100							70
75	78.0	310.4	27,800	80.2	308.8	25,400				75
80	77.0	309.2	27,300	79.3	307.6	25,100				80
85	76.1	307.9	27,000	78.3	306.3	24,800	80.6	302.5	22,600	85
90	75.1	306.5	26,600	77.4	304.9	24,500	79.7	301.1	22,400	90
95	74.1	305.1	26,200	76.4	303.5	24,300	78.7	299.6	22,200	95
100	73.2	303.5	25,800	75.4	301.9	24,000	77.7	298.0	22,000	100
105	72.2	301.9	25,500	74.4	300.3	23,800	76.7	296.4	21,800	105
110	71.2	300.2	25,100	73.5	298.5	23,500	75.7	294.6	21,200	110
115	70.2	298.3	24,800	72.5	296.7	23,200	74.7	292.7	20,700	115
120	69.2	296.4	24,500	71.5	294.7	22,900	73.7	290.8	20,200	120
125	68.2	294.4	24,100	70.5	292.7	22,600	72.7	288.7	19,800	125
130	67.2	292.2	23,900	69.5	290.6	22,500	71.7	286.5	19,300	130
135	66.2	290.0	23,500	68.4	288.3	22,200	70.6	284.2	18,900	135
140	65.2	287.7	22,900	67.4	285.9	22,000	69.6	281.8	18,500	140
145	64.2	285.2	21,300	66.4	283.5	21,700	68.5	279.3	18,100	145
150	63.1	282.6	19,800	65.3	280.9	21,200	67.5	276.7	17,700	150
155	62.1	280.0	18,500	64.3	278.2	19,800	66.4	274.0	17,400	155
160	61.0	277.1	17,200	63.2	275.4	18,400	65.3	271.1	17,100	160
165	60.0	274.2	16,000	62.1	272.4	17,200	64.2	268.1	16,700	165
170	58.9	271.2	14,900	61.0	269.4	16,000	63.1	265.0	16,400	170
175	57.8	268.0	13,800	59.9	266.1	14,900	62.0	261.7	15,900	175
180	56.7	264.7	12,800	58.8	262.8	13,900	60.9	258.3	14,800	180
185	55.5	261.2	11,900	57.7	259.3	12,900	59.7	254.8	13,800	185
190	54.4	257.6	11,000	56.5	255.7	12,000	58.5	251.0	12,800	190
195	53.2	253.8	10,200	55.4	251.9	11,100	57.3	247.2	11,900	195
200	52.1	249.9	9,400	54.2	247.9	10,200	56.1	243.1	11,000	200
205	50.9	245.8	8,600	53.0	243.8	9,400	54.9	238.9	10,200	205
210	49.7	241.5	7,900	51.8	239.4	8,700	53.6	234.5	9,400	210
215	48.4	237.0	7,200	50.5	234.9	8,000	52.4	229.9	8,600	215
220	47.2	232.4	6,600	49.2	230.2	7,300	51.1	225.1	7,900	220
225	45.9	227.5	6,000	47.9	225.3	6,600	49.7	220.0	7,200	225
230	44.5	222.4	5,400	46.6	220.1	6,000	48.4	214.7	6,600	230
235	43.2	217.0	4,800	45.2	214.7	5,400	46.9	209.2	5,900	235
240	41.8	211.4	4,300	43.8	209.0	4,800	45.5	203.3	5,300	240
245				42.4	203.0	4,300	44.0	197.1	4,700	245
250							42.5	190.6	4,100	250

MLC250 S-2

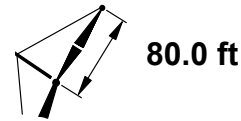
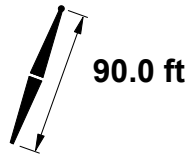
ASME B30.5



ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
65	80.2	322.7	28,400							65
70	79.3	321.7	28,100							70
75	78.3	320.6	27,700	80.6	319.0	25,300				75
80	77.4	319.5	27,300	79.6	317.9	25,100				80
85	76.5	318.2	26,900	78.7	316.6	24,800	81.0	312.8	22,600	85
90	75.6	316.9	26,600	77.8	315.3	24,500	80.0	311.4	22,400	90
95	74.6	315.5	26,200	76.8	313.9	24,300	79.1	310.0	22,200	95
100	73.7	314.0	25,800	75.9	312.4	24,000	78.1	308.5	22,000	100
105	72.8	312.4	25,500	75.0	310.8	23,800	77.2	306.9	21,800	105
110	71.8	310.8	25,100	74.0	309.1	23,500	76.2	305.2	21,500	110
115	70.9	309.0	24,900	73.1	307.3	23,300	75.2	303.4	21,000	115
120	69.9	307.1	24,500	72.1	305.5	23,000	74.3	301.5	20,500	120
125	69.0	305.2	24,200	71.1	303.5	22,800	73.3	299.5	20,000	125
130	68.0	303.1	23,900	70.2	301.4	22,500	72.3	297.4	19,600	130
135	67.0	301.0	23,600	69.2	299.3	22,200	71.3	295.2	19,200	135
140	66.0	298.7	22,900	68.2	297.0	22,100	70.3	292.9	18,800	140
145	65.0	296.3	21,400	67.2	294.6	21,900	69.3	290.5	18,400	145
150	64.0	293.9	19,900	66.2	292.1	21,300	68.3	288.0	18,000	150
155	63.0	291.3	18,500	65.2	289.5	19,800	67.2	285.3	17,700	155
160	62.0	288.6	17,300	64.1	286.8	18,500	66.2	282.6	17,300	160
165	61.0	285.8	16,100	63.1	284.0	17,300	65.1	279.7	17,000	165
170	60.0	282.9	14,900	62.1	281.1	16,100	64.1	276.7	16,700	170
175	58.9	279.8	13,900	61.0	278.0	15,000	63.0	273.6	16,000	175
180	57.9	276.7	12,900	59.9	274.8	13,900	61.9	270.3	14,900	180
185	56.8	273.3	12,000	58.9	271.5	13,000	60.8	267.0	13,900	185
190	55.7	269.9	11,100	57.8	268.0	12,000	59.7	263.4	12,900	190
195	54.6	266.3	10,200	56.7	264.4	11,100	58.6	259.7	12,000	195
200	53.5	262.6	9,500	55.5	260.6	10,300	57.4	255.9	11,100	200
205	52.3	258.7	8,700	54.4	256.7	9,500	56.3	251.9	10,300	205
210	51.2	254.6	8,000	53.2	252.6	8,800	55.1	247.7	9,500	210
215	50.0	250.4	7,300	52.0	248.3	8,100	53.9	243.4	8,700	215
220	48.8	246.0	6,600	50.8	243.9	7,400	52.6	238.8	8,000	220
225	47.6	241.4	6,000	49.6	239.3	6,700	51.4	234.1	7,300	225
230	46.4	236.6	5,400	48.4	234.4	6,100	50.1	229.1	6,700	230
235	45.1	231.6	4,900	47.1	229.3	5,500	48.8	223.9	6,000	235
240	43.8	226.3	4,300	45.8	224.0	4,900	47.4	218.5	5,400	240
245				44.4	218.5	4,400	46.1	212.8	4,800	245
250							44.6	206.8	4,300	250

MLC250 S-2

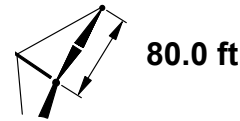
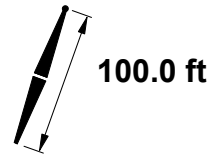
ASME B30.5



	5°			15°			25°			
	ft	o	ft	lb	ft	lb	ft	lb	ft	
40	79.5		174.8							40
45	77.8		173.7							45
50	76.1		172.4							50
55	74.3		171.0	80.9	171.4	23,000				55
60	72.5		169.4	79.1	169.9	22,400				60
65	70.8		167.6	77.4	168.3	21,700				65
70	70.8		167.6	75.6	166.6	21,400	80.5	163.7	19,500	65
75	68.9		165.7	73.7	164.6	20,500	78.7	161.7	19,000	70
80	67.1		163.6	71.9	162.5	20,000	76.8	159.5	18,500	75
85	65.3		161.3	70.0	160.1	19,400	74.9	157.1	18,100	80
90	63.4		158.7	68.1	157.6	18,900	73.0	154.5	17,300	85
95	61.5		156.0	66.2	154.8	18,400	71.0	151.7	16,500	90
100	59.5		153.0	64.2	151.8	17,900	69.0	148.7	15,800	95
105	57.5		149.8	62.2	148.6	17,500	66.9	145.4	15,100	100
110	55.4		146.4	60.1	145.1	17,100	64.8	141.8	14,500	105
115	53.3		142.7	58.0	141.4	16,700	62.6	137.9	14,000	110
120	51.2		138.6	55.8	137.3	16,200	60.4	133.8	13,400	115
125	49.0		134.3	53.6	132.9	15,900	58.1	129.2	13,000	120
130	46.6		129.6	51.2	128.2	15,500	55.6	124.3	12,500	125
135	44.2		124.5	48.8	123.0	15,200	53.1	119.0	12,100	130
140	41.7		118.9	46.2	117.3	14,600	50.5	113.1	11,700	135
145	39.0		112.8	43.5	111.1	14,100	47.6	106.6	11,400	140
150	36.2		106.0	40.6	104.2	13,600	44.6	99.4	11,100	145
155	33.2		98.5	37.5	96.6	13,200	41.3	91.3	10,800	150
160	29.8		90.0	34.1	87.9	12,800				155
165	26.1		80.1	30.3	77.7	12,400				160
165	21.8		68.3							165

MLC250 S-2

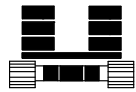
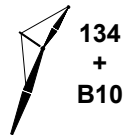
ASME B30.5



ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
40	80.1	185.0	24,800							40
45	78.5	183.9	24,500							45
50	76.9	182.8	24,000							50
55	75.2	181.4	23,500	79.8	180.3	22,500				55
60	73.5	179.9	23,000	78.1	178.8	22,000				60
65	71.9	178.3	22,400	76.4	177.1	21,400				65
70	70.2	176.4	21,900	74.7	175.3	20,800	79.4	172.3	19,100	70
75	68.5	174.5	21,500	73.0	173.3	20,300	77.6	170.2	18,700	75
80	66.7	172.3	21,000	71.2	171.1	19,800	75.8	168.0	18,300	80
85	65.0	169.9	20,500	69.5	168.7	19,300	74.0	165.6	17,800	85
90	63.2	167.4	20,000	67.7	166.2	18,800	72.2	163.0	17,000	90
95	61.4	164.7	19,400	65.8	163.4	18,300	70.3	160.1	16,300	95
100	59.5	161.7	18,900	64.0	160.4	17,900	68.4	157.1	15,600	100
105	57.6	158.5	18,400	62.1	157.2	17,400	66.5	153.8	15,000	105
110	55.7	155.1	17,900	60.1	153.8	17,100	64.5	150.3	14,400	110
115	53.7	151.4	17,500	58.1	150.1	16,700	62.5	146.5	13,900	115
120	51.7	147.5	17,000	56.1	146.1	16,200	60.4	142.4	13,400	120
125	49.6	143.2	16,600	54.0	141.8	15,900	58.2	138.0	13,000	125
130	47.5	138.7	16,200	51.8	137.2	15,600	55.9	133.2	12,600	130
135	45.2	133.7	15,800	49.5	132.2	15,200	53.6	128.0	12,200	135
140	42.9	128.3	15,400	47.2	126.7	14,800	51.1	122.4	11,800	140
145	40.5	122.5	15,100	44.7	120.8	14,300	48.6	116.3	11,500	145
150	37.9	116.2	14,700	42.1	114.4	13,800	45.8	109.5	11,200	150
155	35.1	109.1	14,400	39.3	107.2	13,400	42.9	102.0	10,900	155
160	32.2	101.3	14,100	36.3	99.3	13,000	39.7	93.5	10,700	160
165	29.0	92.5	13,800	32.9	90.2	12,600				165
170	25.3	82.3	13,600	29.2	79.7	12,300				170
175	21.1	70.1	13,400							175

MLC250 S-2

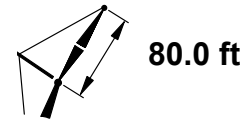
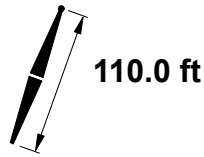
ASME B30.5



184,600 lb
+
44,000 lb



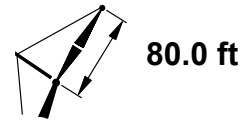
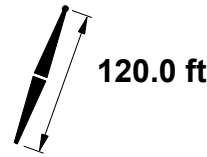
360°



	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
40	80.6	195.2	24,800							40
45	79.1	194.2	24,500							45
50	77.6	193.0	24,000							50
55	76.0	191.8	23,500	80.3	190.6	22,700				55
60	74.4	190.4	23,100	78.7	189.2	22,100				60
65	72.9	188.8	22,600	77.2	187.6	21,600				65
70	71.3	187.1	22,100	75.5	185.9	21,100	80.0	182.8	19,200	70
75	69.7	185.2	21,600	73.9	184.0	20,600	78.3	180.9	18,900	75
80	68.0	183.2	21,200	72.3	182.0	20,100	76.7	178.8	18,500	80
85	66.4	181.0	20,700	70.6	179.8	19,600	75.0	176.5	18,100	85
90	64.7	178.6	20,300	69.0	177.4	19,100	73.3	174.1	17,400	90
95	63.0	176.1	19,900	67.2	174.8	18,600	71.5	171.4	16,700	95
100	61.3	173.3	19,400	65.5	172.0	18,200	69.8	168.6	16,000	100
105	59.6	170.4	18,900	63.7	169.1	17,800	68.0	165.6	15,400	105
110	57.8	167.2	18,400	61.9	165.9	17,400	66.1	162.3	14,900	110
115	55.9	163.8	18,000	60.1	162.4	17,000	64.2	158.8	14,400	115
120	54.1	160.2	17,500	58.2	158.8	16,600	62.3	155.1	13,900	120
125	52.2	156.3	17,100	56.3	154.9	16,300	60.3	151.0	13,400	125
130	50.2	152.1	16,700	54.3	150.7	15,900	58.3	146.7	13,000	130
135	48.2	147.7	16,300	52.3	146.1	15,600	56.2	142.1	12,600	135
140	46.1	142.9	15,900	50.2	141.3	15,400	54.0	137.1	12,300	140
145	43.9	137.7	15,500	48.0	136.1	15,000	51.7	131.7	11,900	145
150	41.7	132.1	15,200	45.7	130.4	14,500	49.4	125.8	11,600	150
155	39.3	126.1	14,800	43.3	124.2	14,000	46.9	119.4	11,300	155
160	36.8	119.4	14,500	40.7	117.5	13,600	44.2	112.3	11,100	160
165	34.1	112.2	14,300	38.0	110.1	13,200	41.3	104.5	10,800	165
170	31.3	104.1	14,000	35.1	101.9	12,900				170
175	28.1	95.0	13,700	31.9	92.5	12,500				175
180	24.6	84.4	13,500	28.2	81.6	12,200				180
185	20.5	71.8	13,300							185

MLC250 S-2

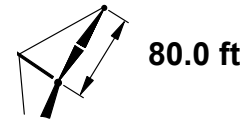
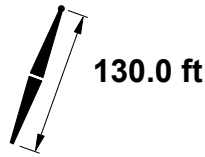
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	ft	lb		
45	79.7	204.4	24,500							45
50	78.2	203.3	24,100							50
55	76.7	202.1	23,600	80.8	200.9	22,900				55
60	75.2	200.8	23,200	79.3	199.6	22,300				60
65	73.7	199.3	22,700	77.8	198.1	21,800				65
70	72.2	197.7	22,200	76.3	196.5	21,200	80.5	193.2	19,400	70
75	70.7	195.9	21,800	74.8	194.7	20,800	79.0	191.4	19,000	75
80	69.2	194.0	21,300	73.2	192.8	20,300	77.4	189.5	18,600	80
85	67.6	191.9	20,900	71.7	190.7	19,800	75.8	187.3	18,200	85
90	66.1	189.7	20,500	70.1	188.4	19,400	74.2	185.1	17,800	90
95	64.5	187.3	20,100	68.5	186.0	18,900	72.6	182.6	17,100	95
100	62.9	184.7	19,700	66.9	183.4	18,600	70.9	179.9	16,500	100
105	61.2	182.0	19,300	65.2	180.6	18,100	69.2	177.1	15,900	105
110	59.6	179.0	18,800	63.6	177.7	17,800	67.5	174.1	15,300	110
115	57.9	175.9	18,400	61.8	174.5	17,400	65.8	170.8	14,800	115
120	56.2	172.5	18,000	60.1	171.1	17,000	64.0	167.4	14,300	120
125	54.4	168.9	17,500	58.3	167.5	16,700	62.2	163.7	13,800	125
130	52.6	165.1	17,200	56.5	163.6	16,300	60.3	159.7	13,400	130
135	50.7	161.0	16,800	54.6	159.5	16,000	58.4	155.5	13,000	135
140	48.8	156.6	16,400	52.7	155.1	15,700	56.4	150.9	12,700	140
145	46.9	152.0	16,000	50.7	150.4	15,400	54.4	146.1	12,300	145
150	44.9	147.0	15,600	48.7	145.3	15,100	52.3	140.8	12,000	150
155	42.7	141.6	15,300	46.6	139.8	14,700	50.1	135.2	11,700	155
160	40.5	135.8	15,000	44.3	134.0	14,200	47.7	129.1	11,400	160
165	38.2	129.5	14,700	42.0	127.6	13,800	45.3	122.4	11,200	165
170	35.8	122.6	14,400	39.5	120.6	13,400	42.7	115.1	10,900	170
175	33.2	115.1	14,200	36.9	112.9	13,100	39.9	107.0	10,700	175
180	30.4	106.7	13,900	34.0	104.4	12,700				180
185	27.4	97.3	13,600	30.9	94.7	12,400				185
190	24.0	86.5	13,400							190
195	20.0	73.5	13,300							195

MLC250 S-2

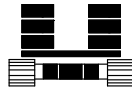
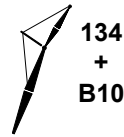
ASME B30.5



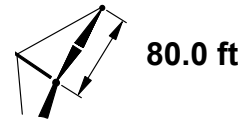
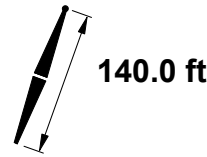
	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
45	80.2		214.6							45
50	78.8		213.6							50
55	77.4		212.4							55
60	76.0		211.1							60
65	74.5		209.7							65
70	73.1		208.2							70
75	71.7		206.5							75
80	70.2		204.7							80
85	68.8		202.8							85
90	67.3		200.7							90
95	65.8		198.4							95
100	64.3		196.0							100
105	62.7		193.4							105
110	61.2		190.6							110
115	59.6		187.7							115
120	58.0		184.5							120
125	56.3		181.2							125
130	54.7		177.7							130
135	53.0		173.9							135
140	51.2		169.9							140
145	49.4		165.6							145
150	47.6		161.0							150
155	45.7		156.1							155
160	43.7		150.9							160
165	41.6		145.3							165
170	39.5		139.3							170
175	37.3		132.8							175
180	34.9		125.7							180
185	32.4		117.9							185
190	29.7		109.3							190
195	26.7		99.7							195
200	23.4		88.5							200
205	19.5		75.2							205

MLC250 S-2

ASME B30.5



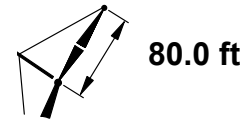
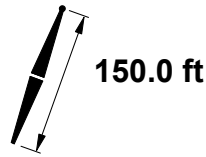
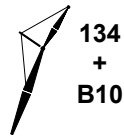
184,600 lb
+
44,000 lb



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	ft	lb		
45	80.6	224.7	24,200							45
50	79.3	223.8	24,000							50
55	78.0	222.7	23,700							55
60	76.6	221.5	23,200	80.3	220.2	22,600				60
65	75.3	220.1	22,800	79.0	218.9	22,100				65
70	73.9	218.7	22,300	77.6	217.4	21,600				70
75	72.5	217.1	21,900	76.2	215.8	21,200	80.0	212.4	19,200	75
80	71.2	215.4	21,500	74.9	214.1	20,700	78.6	210.6	18,900	80
85	69.8	213.5	21,100	73.5	212.2	20,300	77.2	208.7	18,600	85
90	68.4	211.5	20,700	72.0	210.2	19,900	75.8	206.7	18,200	90
95	67.0	209.4	20,300	70.6	208.1	19,500	74.3	204.5	17,900	95
100	65.5	207.1	19,900	69.2	205.7	19,100	72.9	202.2	17,200	100
105	64.1	204.7	19,500	67.7	203.3	18,700	71.4	199.6	16,600	105
110	62.6	202.1	19,100	66.2	200.7	18,400	69.9	197.0	16,100	110
115	61.1	199.3	18,800	64.7	197.9	18,000	68.3	194.1	15,600	115
120	59.6	196.3	18,500	63.2	194.9	17,600	66.8	191.1	15,100	120
125	58.1	193.2	18,200	61.7	191.8	17,300	65.2	187.9	14,600	125
130	56.5	189.9	17,900	60.1	188.4	16,900	63.6	184.5	14,200	130
135	54.9	186.4	17,600	58.5	184.9	16,600	62.0	180.8	13,800	135
140	53.3	182.7	17,200	56.9	181.1	16,400	60.3	177.0	13,400	140
145	51.6	178.7	16,900	55.2	177.1	16,000	58.6	172.9	13,100	145
150	49.9	174.5	16,500	53.5	172.9	15,800	56.8	168.5	12,700	150
155	48.2	170.0	16,200	51.7	168.4	15,500	55.0	163.9	12,400	155
160	46.4	165.3	15,800	49.9	163.6	15,200	53.1	159.0	12,100	160
165	44.5	160.2	15,600	48.0	158.4	15,000	51.2	153.7	11,800	165
170	42.6	154.8	15,300	46.1	153.0	14,600	49.2	148.0	11,600	170
175	40.6	149.0	15,000	44.0	147.1	14,200	47.1	141.9	11,300	175
180	38.6	142.8	14,700	41.9	140.8	13,900	44.9	135.3	11,100	180
185	36.4	136.0	14,400	39.7	133.9	13,500	42.6	128.2	10,900	185
190	34.1	128.7	14,200	37.4	126.5	13,100	40.1	120.4	10,700	190
195	31.6	120.7	13,900	34.9	118.3	12,900				195
200	29.0	111.9	13,700	32.1	109.3	12,500				200
205	26.1	101.9	13,500	29.2	99.0	12,300				205
210	22.8	90.5	13,200							210
215	19.0	76.8	12,500							215

MLC250 S-2

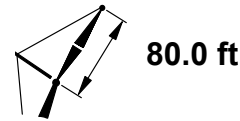
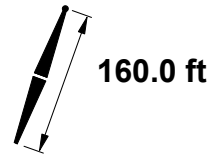
ASME B30.5



	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
45	81.0	234.9	24,300							45
50	79.8	234.0	23,900							50
55	78.5	232.9	23,600							55
60	77.2	231.8	23,200	80.8	230.5	22,700				60
65	75.9	230.5	22,800	79.5	229.2	22,300				65
70	74.6	229.1	22,400	78.2	227.8	21,800				70
75	73.3	227.6	22,000	76.9	226.3	21,400	80.5	222.8	19,300	75
80	72.0	226.0	21,600	75.5	224.6	20,900	79.2	221.1	19,000	80
85	70.7	224.2	21,200	74.2	222.9	20,500	77.8	219.3	18,700	85
90	69.4	222.3	20,700	72.9	221.0	20,100	76.5	217.4	18,400	90
95	68.0	220.3	20,400	71.5	218.9	19,700	75.1	215.3	18,100	95
100	66.7	218.1	20,000	70.2	216.7	19,300	73.7	213.1	17,600	100
105	65.3	215.8	19,600	68.8	214.4	19,000	72.3	210.7	17,000	105
110	63.9	213.3	19,300	67.4	211.9	18,600	70.9	208.2	16,400	110
115	62.5	210.7	18,900	66.0	209.3	18,300	69.4	205.5	15,900	115
120	61.1	207.9	18,600	64.5	206.5	17,900	68.0	202.7	15,400	120
125	59.6	205.0	18,300	63.1	203.5	17,500	66.5	199.6	15,000	125
130	58.2	201.9	18,000	61.6	200.4	17,200	65.0	196.4	14,600	130
135	56.7	198.6	17,800	60.1	197.1	17,000	63.4	193.0	14,200	135
140	55.2	195.1	17,400	58.6	193.6	16,600	61.9	189.5	13,800	140
145	53.6	191.4	17,200	57.0	189.8	16,400	60.3	185.6	13,400	145
150	52.0	187.5	16,900	55.4	185.9	16,100	58.6	181.6	13,100	150
155	50.4	183.4	16,500	53.8	181.7	15,800	57.0	177.3	12,800	155
160	48.8	179.0	16,200	52.1	177.3	15,600	55.2	172.8	12,500	160
165	47.1	174.4	15,900	50.4	172.6	15,300	53.5	168.0	12,200	165
170	45.3	169.4	15,600	48.6	167.6	15,100	51.7	162.8	11,900	170
175	43.5	164.2	15,300	46.8	162.3	14,700	49.8	157.3	11,700	175
180	41.6	158.6	15,100	44.9	156.6	14,400	47.8	151.5	11,400	180
185	39.7	152.6	14,800	42.9	150.6	14,000	45.8	145.2	11,200	185
190	37.7	146.1	14,500	40.9	144.0	13,600	43.6	138.4	11,000	190
195	35.5	139.2	14,300	38.7	137.0	13,400	41.4	131.0	10,800	195
200	33.3	131.7	14,000	36.4	129.3	13,000				200
205	30.9	123.4	13,400	34.0	120.9	12,700				205
210	28.3	114.3	12,600	31.3	111.6	12,500				210
215	25.5	104.1	12,000	28.4	101.1	12,200				215
220	22.3	92.4	11,300							220
225	18.6	78.3	10,600							225

MLC250 S-2

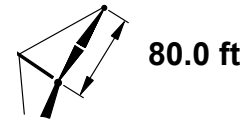
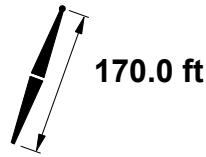
ASME B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	ft	lb		
50	80.2	244.1	23,800							50
55	79.0	243.2	23,600							55
60	77.8	242.1	23,300							60
65	76.5	240.8	22,900	79.9	239.5	22,400				65
70	75.3	239.5	22,400	78.7	238.2	21,900				70
75	74.0	238.1	22,100	77.4	236.7	21,500	80.9	233.2	19,400	75
80	72.8	236.5	21,600	76.2	235.2	21,100	79.7	231.6	19,100	80
85	71.5	234.8	21,300	74.9	233.5	20,700	78.4	229.9	18,800	85
90	70.3	233.0	20,900	73.6	231.7	20,300	77.1	228.0	18,500	90
95	69.0	231.1	20,500	72.3	229.7	19,900	75.8	226.0	18,100	95
100	67.7	229.0	20,100	71.0	227.6	19,600	74.4	223.9	17,900	100
105	66.4	226.8	19,700	69.7	225.4	19,200	73.1	221.7	17,300	105
110	65.1	224.5	19,400	68.4	223.1	18,900	71.8	219.3	16,800	110
115	63.7	222.0	19,100	67.1	220.6	18,500	70.4	216.8	16,300	115
120	62.4	219.4	18,700	65.7	217.9	18,200	69.0	214.1	15,800	120
125	61.0	216.6	18,400	64.3	215.1	17,900	67.6	211.2	15,300	125
130	59.6	213.7	18,100	62.9	212.2	17,600	66.2	208.2	14,900	130
135	58.2	210.6	17,800	61.5	209.0	17,200	64.7	205.0	14,500	135
140	56.8	207.3	17,500	60.1	205.7	16,900	63.3	201.6	14,100	140
145	55.4	203.8	17,300	58.6	202.3	16,700	61.8	198.1	13,800	145
150	53.9	200.2	17,100	57.1	198.6	16,400	60.3	194.3	13,400	150
155	52.4	196.3	16,900	55.6	194.7	16,100	58.7	190.3	13,100	155
160	50.8	192.2	16,500	54.1	190.6	15,900	57.1	186.1	12,800	160
165	49.3	187.9	16,300	52.5	186.2	15,600	55.5	181.7	12,500	165
170	47.6	183.4	16,000	50.8	181.6	15,300	53.8	176.9	12,200	170
175	46.0	178.6	15,700	49.2	176.8	15,100	52.1	171.9	12,000	175
180	44.3	173.5	15,400	47.4	171.6	14,900	50.3	166.6	11,700	180
185	42.5	168.0	15,200	45.7	166.1	14,500	48.5	160.9	11,500	185
190	40.7	162.2	14,900	43.8	160.2	14,100	46.5	154.9	11,300	190
195	38.8	156.1	14,500	41.9	154.0	13,800	44.5	148.3	11,100	195
200	36.8	149.4	13,700	39.9	147.2	13,500	42.5	141.3	10,900	200
205	34.7	142.3	12,900	37.8	140.0	13,200	40.2	133.7	10,700	205
210	32.5	134.6	12,200	35.5	132.1	12,700				210
215	30.2	126.1	11,500	33.1	123.5	11,900				215
220	27.7	116.8	10,900	30.5	113.9	11,200				220
225	24.9	106.3	10,200							225
230	21.8	94.2	9,600							230
235	18.2	79.9	9,100							235

MLC250 S-2

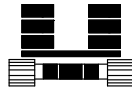
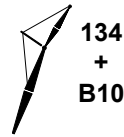
ASME B30.5



	5°			15°			25°				
	ft	o	ft	lb	ft	o	ft	lb	ft		
50	80.6		254.3	23,700						50	
55	79.4		253.4	23,500						55	
60	78.2		252.3	23,200						60	
65	77.1		251.1	22,800	80.3	249.8	22,500			65	
70	75.9		249.9	22,400	79.2	248.5	22,000			70	
75	74.7		248.5	22,000	78.0	247.1	21,600			75	
80	73.5		247.0	21,600	76.8	245.6	21,200	80.1	242.0	19,200	80
85	72.3		245.4	21,300	75.5	244.0	20,900	78.9	240.4	18,800	85
90	71.1		243.7	20,900	74.3	242.3	20,500	77.6	238.6	18,500	90
95	69.9		241.8	20,500	73.1	240.4	20,100	76.4	236.7	18,300	95
100	68.6		239.9	20,100	71.9	238.4	19,800	75.1	234.7	18,000	100
105	67.4		237.8	19,800	70.6	236.3	19,400	73.8	232.6	17,600	105
110	66.1		235.5	19,400	69.3	234.1	19,000	72.6	230.3	17,100	110
115	64.9		233.2	19,100	68.1	231.7	18,700	71.3	227.9	16,600	115
120	63.6		230.7	18,800	66.8	229.2	18,400	70.0	225.3	16,100	120
125	62.3		228.0	18,400	65.5	226.6	18,000	68.6	222.6	15,700	125
130	61.0		225.3	18,100	64.2	223.8	17,700	67.3	219.8	15,200	130
135	59.7		222.3	17,800	62.8	220.8	17,500	65.9	216.7	14,800	135
140	58.3		219.2	17,600	61.5	217.7	17,200	64.5	213.6	14,400	140
145	56.9		216.0	17,300	60.1	214.4	16,900	63.1	210.2	14,100	145
150	55.6		212.5	17,100	58.7	210.9	16,600	61.7	206.7	13,700	150
155	54.1		208.9	16,900	57.3	207.3	16,400	60.2	203.0	13,400	155
160	52.7		205.1	16,500	55.8	203.4	16,100	58.8	199.0	13,100	160
165	51.2		201.1	16,300	54.3	199.4	15,900	57.2	194.9	12,800	165
170	49.7		196.9	16,100	52.8	195.1	15,700	55.7	190.5	12,500	170
175	48.2		192.4	15,900	51.3	190.6	15,400	54.1	185.9	12,300	175
180	46.6		187.7	15,700	49.7	185.8	15,200	52.5	181.0	12,000	180
185	45.0		182.7	15,500	48.0	180.8	15,000	50.8	175.8	11,800	185
190	43.3		177.4	14,800	46.3	175.5	14,700	49.0	170.3	11,600	190
195	41.6		171.8	14,000	44.6	169.8	14,300	47.2	164.4	11,400	195
200	39.8		165.8	13,200	42.8	163.8	13,800	45.4	158.2	11,200	200
205	38.0		159.5	12,400	40.9	157.3	13,000	43.4	151.5	11,000	205
210	36.0		152.7	11,700	38.9	150.4	12,200	41.4	144.2	10,800	210
215	34.0		145.3	11,000	36.9	142.9	11,500	39.2	136.4	10,700	215
220	31.8		137.4	10,400	34.7	134.8	10,800				220
225	29.6		128.7	9,800	32.3	126.0	10,100				225
230	27.1		119.1	9,200	29.8	116.1	9,500				230
235	24.4		108.4	8,600							235
240	21.3		96.1	8,000							240
245	17.8		81.4	7,500							245

MLC250 S-2

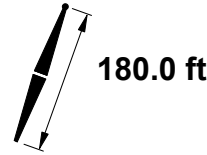
ASME B30.5



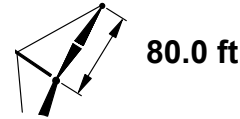
184,600 lb
+
44,000 lb



360°



180.0 ft

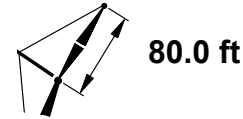
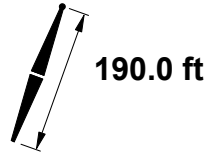
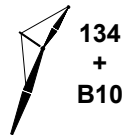


80.0 ft

	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
50	81.0	264.5	23,700							50
55	79.8	263.6	23,400							55
60	78.7	262.5	23,100							60
65	77.6	261.4	22,800	80.7	260.1	22,500				65
70	76.4	260.2	22,500	79.6	258.8	22,100				70
75	75.3	258.9	22,100	78.4	257.5	21,700				75
80	74.2	257.4	21,700	77.3	256.1	21,300	80.5	252.4	19,200	80
85	73.0	255.9	21,300	76.1	254.5	21,000	79.3	250.8	18,900	85
90	71.8	254.3	20,900	75.0	252.9	20,600	78.1	249.1	18,600	90
95	70.7	252.5	20,600	73.8	251.1	20,200	76.9	247.3	18,400	95
100	69.5	250.6	20,200	72.6	249.2	19,900	75.7	245.4	18,200	100
105	68.3	248.6	19,900	71.4	247.2	19,500	74.5	243.4	17,900	105
110	67.1	246.5	19,500	70.2	245.0	19,300	73.3	241.2	17,400	110
115	65.9	244.2	19,200	69.0	242.8	18,900	72.1	238.9	16,900	115
120	64.7	241.9	18,900	67.8	240.4	18,600	70.8	236.5	16,400	120
125	63.5	239.4	18,600	66.5	237.9	18,300	69.6	233.9	16,000	125
130	62.2	236.7	18,300	65.3	235.2	18,000	68.3	231.2	15,500	130
135	61.0	233.9	18,000	64.0	232.4	17,700	67.0	228.3	15,100	135
140	59.7	231.0	17,800	62.7	229.4	17,400	65.7	225.3	14,800	140
145	58.4	227.9	17,400	61.4	226.3	17,200	64.3	222.1	14,400	145
150	57.1	224.7	17,200	60.1	223.1	16,900	63.0	218.8	14,000	150
155	55.7	221.2	17,000	58.7	219.6	16,700	61.6	215.3	13,700	155
160	54.4	217.7	16,700	57.4	216.0	16,400	60.2	211.6	13,400	160
165	53.0	213.9	16,400	56.0	212.2	16,100	58.8	207.7	13,100	165
170	51.6	209.9	16,200	54.6	208.2	15,900	57.4	203.6	12,800	170
175	50.2	205.8	16,000	53.1	204.0	15,600	55.9	199.3	12,600	175
180	48.7	201.4	15,800	51.6	199.6	15,400	54.4	194.8	12,300	180
185	47.2	196.7	15,200	50.1	194.9	15,200	52.8	190.0	12,100	185
190	45.6	191.9	14,300	48.6	190.0	15,000	51.2	184.9	11,800	190
195	44.1	186.7	13,500	47.0	184.8	14,200	49.6	179.6	11,600	195
200	42.4	181.3	12,700	45.3	179.3	13,400	47.9	173.9	11,400	200
205	40.8	175.5	12,000	43.6	173.4	12,600	46.1	167.8	11,200	205
210	39.0	169.3	11,300	41.8	167.2	11,800	44.3	161.4	11,100	210
215	37.2	162.8	10,600	40.0	160.6	11,100	42.4	154.5	10,900	215
220	35.3	155.8	9,900	38.1	153.4	10,400	40.3	147.1	10,700	220
225	33.3	148.3	9,300	36.1	145.8	9,800				225
230	31.2	140.1	8,700	33.9	137.5	9,100				230
240	26.5	121.4	7,600	29.1	118.4	7,900				240
250	20.9	97.9	6,600							250
255	17.4	82.9	6,100							255

MLC250 S-2

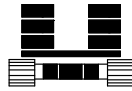
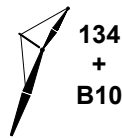
ASME B30.5



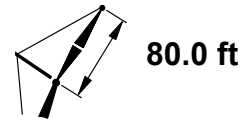
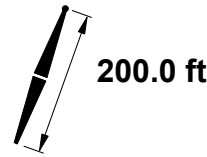
	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
55	80.2		273.7							55
60	79.1		272.8							60
65	78.0		271.7							65
70	77.0		270.5		80.0	269.1				70
75	75.9		269.2		78.9	267.8				75
80	74.8		267.9		77.8	266.5		80.9	262.7	80
85	73.7		266.4		76.7	265.0		79.7	261.2	85
90	72.5		264.8		75.5	263.4		78.6	259.6	90
95	71.4		263.1		74.4	261.7		77.5	257.9	95
100	70.3		261.3		73.3	259.9		76.3	256.0	100
105	69.2		259.4		72.1	257.9		75.2	254.1	105
110	68.0		257.4		71.0	255.9		74.0	252.0	110
115	66.9		255.2		69.8	253.7		72.8	249.8	115
120	65.7		252.9		68.7	251.5		71.6	247.5	120
125	64.5		250.6		67.5	249.0		70.4	245.0	125
130	63.3		248.0		66.3	246.5		69.2	242.5	130
135	62.1		245.4		65.1	243.8		68.0	239.7	135
140	60.9		242.6		63.8	241.0		66.7	236.9	140
145	59.7		239.7		62.6	238.1		65.5	233.9	145
150	58.4		236.6		61.4	235.0		64.2	230.7	150
155	57.2		233.3		60.1	231.7		62.9	227.4	155
160	55.9		230.0		58.8	228.3		61.6	223.9	160
165	54.6		226.4		57.5	224.7		60.2	220.3	165
170	53.3		222.7		56.1	221.0		58.9	216.4	170
175	51.9		218.7		54.8	217.0		57.5	212.4	175
180	50.5		214.6		53.4	212.9		56.1	208.1	180
185	49.1		210.3		52.0	208.5		54.6	203.7	185
190	47.7		205.8		50.5	203.9		53.1	199.0	190
195	46.2		201.0		49.1	199.1		51.6	194.0	195
200	44.7		195.9		47.5	194.0		50.0	188.8	200
205	43.2		190.6		46.0	188.6		48.4	183.3	205
210	41.6		185.0		44.4	183.0		46.8	177.4	210
215	39.9		179.1		42.7	176.9		45.0	171.2	215
220	38.2		172.8		41.0	170.5		43.2	164.6	220
225	36.5		166.1		39.2	163.7		41.4	157.5	225
230	34.6		158.9		37.3	156.4		39.4	149.9	230
235	32.7		151.2		35.3	148.6				235
240	30.6		142.8		33.2	140.1				240
250	26.0		123.7		28.5	120.5				250
260	20.5		99.6							260

MLC250 S-2

ASME B30.5



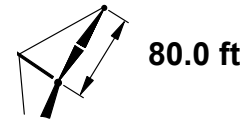
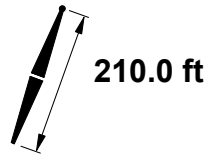
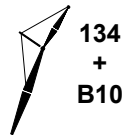
184,600 lb
+
44,000 lb



ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
55	80.6	283.9	23,300							55
60	79.5	283.0	22,900							60
65	78.5	281.9	22,700							65
70	77.4	280.8	22,400	80.3	279.4	22,200				70
75	76.4	279.6	22,100	79.3	278.2	21,800				75
80	75.3	278.2	21,700	78.2	276.8	21,500				80
85	74.3	276.8	21,400	77.2	275.4	21,100	80.1	271.6	19,100	85
90	73.2	275.3	21,000	76.1	273.9	20,800	79.0	270.1	18,800	90
95	72.1	273.7	20,700	75.0	272.2	20,500	77.9	268.4	18,500	95
100	71.0	271.9	20,300	73.9	270.5	20,200	76.8	266.6	18,300	100
105	69.9	270.1	20,000	72.8	268.6	19,800	75.7	264.8	18,000	105
110	68.8	268.2	19,700	71.7	266.7	19,500	74.6	262.8	17,800	110
115	67.7	266.1	19,400	70.6	264.6	19,300	73.5	260.7	17,500	115
120	66.6	263.9	19,000	69.5	262.4	19,000	72.3	258.4	17,000	120
125	65.5	261.6	18,700	68.3	260.1	18,600	71.2	256.1	16,500	125
130	64.4	259.2	18,400	67.2	257.7	18,400	70.0	253.6	16,100	130
135	63.2	256.7	18,200	66.0	255.2	18,100	68.8	251.0	15,700	135
140	62.1	254.0	17,900	64.9	252.5	17,900	67.7	248.3	15,400	140
145	60.9	251.2	17,600	63.7	249.7	17,600	66.5	245.5	15,000	145
150	59.7	248.3	17,500	62.5	246.7	17,300	65.2	242.5	14,600	150
155	58.5	245.2	17,100	61.3	243.6	17,000	64.0	239.3	14,300	155
160	57.3	242.0	16,800	60.1	240.4	16,800	62.8	236.0	14,000	160
165	56.0	238.7	16,700	58.8	237.0	16,600	61.5	232.5	13,700	165
170	54.8	235.1	16,500	57.6	233.4	16,400	60.2	228.9	13,400	170
175	53.5	231.4	16,100	56.3	229.7	16,100	58.9	225.1	13,100	175
180	52.2	227.5	15,100	55.0	225.8	15,900	57.6	221.1	12,900	180
185	50.9	223.5	14,100	53.7	221.7	15,100	56.2	216.9	12,600	185
190	49.6	219.2	13,300	52.3	217.4	14,100	54.8	212.5	12,400	190
195	48.2	214.8	12,400	50.9	212.9	13,300	53.4	207.9	12,200	195
200	46.8	210.1	11,600	49.5	208.2	12,400	52.0	203.1	12,000	200
205	45.4	205.1	10,900	48.0	203.2	11,600	50.5	198.0	11,700	205
210	43.9	199.9	10,200	46.6	197.9	10,900	48.9	192.6	11,500	210
215	42.4	194.5	9,500	45.0	192.4	10,200	47.4	186.9	10,800	215
220	40.8	188.7	8,900	43.4	186.6	9,500	45.7	180.9	10,000	220
230	37.5	176.1	7,700	40.1	173.8	8,200	42.3	167.7	8,700	230
235	35.8	169.3	7,100	38.4	166.9	7,600	40.4	160.4	8,000	235
240	34.0	161.9	6,500	36.5	159.4	7,000				240
250	30.0	145.5	5,500	32.5	142.6	5,900				250
260	25.5	125.9	4,600	27.9	122.6	4,900				260
265	23.0	114.5	4,100							265

MLC250 S-2

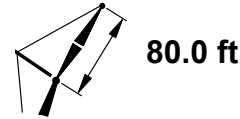
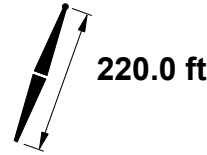
ASME B30.5



	5°			15°			25°			
	ft	o	ft	lb	ft	o	ft	lb	ft	
55	80.9		294.0							55
60	79.9		293.1							60
65	78.9		292.1							65
70	77.9		291.1							70
75	76.9		289.9							75
80	75.8		288.6							80
85	74.8		287.2							85
90	73.8		285.8							90
95	72.8		284.2							95
100	71.7		282.5							100
105	70.7		280.8							105
110	69.6		278.9							110
115	68.5		276.9							115
120	67.5		274.8							120
125	66.4		272.7							125
130	65.3		270.3							130
135	64.2		267.9							135
140	63.1		265.4							140
145	62.0		262.7							145
150	60.9		259.9							150
155	59.7		257.0							155
160	58.5		253.9							160
165	57.4		250.7							165
170	56.2		247.3							170
175	55.0		243.8							175
180	53.8		240.2							180
185	52.5		236.3							185
190	51.2		232.3							190
195	50.0		228.1							195
200	48.6		223.7							200
205	47.3		219.1							205
210	45.9		214.3							210
215	44.5		209.2							215
220	43.1		203.9							220
225	41.6		198.3							225
230	40.1		192.3							230
240	36.8		179.4							240
245	35.1		172.4							245
250	33.3		164.9							250
260	29.5		148.1							260

MLC250 S-2

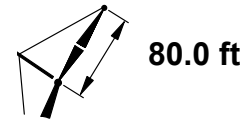
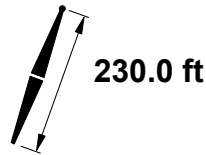
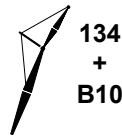
ASME B30.5



ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
60	80.2	303.3	22,600							60
65	79.3	302.3	22,400							65
70	78.3	301.3	22,200	81.0	299.9	22,200				70
75	77.3	300.2	21,900	80.0	298.7	21,900				75
80	76.3	298.9	21,600	79.0	297.5	21,600				80
85	75.3	297.6	21,300	78.0	296.2	21,200	80.8	292.3	19,100	85
90	74.3	296.2	21,000	77.0	294.7	21,000	79.8	290.8	18,900	90
95	73.3	294.7	20,700	76.0	293.2	20,700	78.8	289.3	18,700	95
100	72.3	293.1	20,300	75.0	291.6	20,300	77.8	287.7	18,500	100
105	71.3	291.4	20,000	74.0	289.9	20,100	76.7	285.9	18,200	105
110	70.3	289.6	19,700	73.0	288.1	19,800	75.7	284.1	18,000	110
115	69.3	287.7	19,400	72.0	286.2	19,500	74.7	282.2	17,800	115
120	68.3	285.7	19,100	70.9	284.2	19,200	73.6	280.1	17,500	120
125	67.2	283.6	18,800	69.9	282.0	19,000	72.6	278.0	17,100	125
130	66.2	281.4	18,600	68.8	279.8	18,700	71.5	275.7	16,700	130
135	65.1	279.0	18,200	67.8	277.5	18,400	70.4	273.3	16,300	135
140	64.1	276.6	18,000	66.7	275.0	18,200	69.3	270.8	15,900	140
145	63.0	274.0	17,800	65.6	272.5	17,900	68.2	268.2	15,500	145
150	61.9	271.4	17,400	64.6	269.8	17,700	67.1	265.5	15,200	150
155	60.8	268.6	17,200	63.5	266.9	17,400	66.0	262.6	14,900	155
160	59.7	265.6	17,100	62.3	264.0	17,200	64.9	259.6	14,500	160
165	58.6	262.6	16,800	61.2	260.9	17,000	63.7	256.5	14,200	165
170	57.5	259.4	16,100	60.1	257.7	16,700	62.6	253.2	13,900	170
175	56.3	256.0	15,100	58.9	254.3	16,200	61.4	249.8	13,700	175
180	55.2	252.6	14,100	57.7	250.8	15,100	60.2	246.2	13,400	180
185	54.0	248.9	13,200	56.6	247.2	14,200	59.0	242.5	13,100	185
190	52.8	245.1	12,300	55.3	243.3	13,200	57.8	238.6	12,900	190
195	51.6	241.1	11,400	54.1	239.3	12,400	56.5	234.5	12,700	195
200	50.3	237.0	10,700	52.9	235.1	11,500	55.2	230.2	12,400	200
205	49.0	232.7	9,900	51.6	230.8	10,800	53.9	225.7	11,500	205
210	47.8	228.1	9,200	50.3	226.2	10,000	52.6	221.1	10,800	210
215	46.4	223.4	8,500	49.0	221.4	9,300	51.2	216.2	10,000	215
220	45.1	218.4	7,900	47.6	216.4	8,600	49.8	211.0	9,300	220
225	43.7	213.2	7,300	46.2	211.1	7,900	48.4	205.6	8,600	225
230	42.3	207.7	6,700	44.8	205.6	7,300	46.9	199.9	7,900	230
235	40.8	201.9	6,100	43.3	199.8	6,700	45.4	193.9	7,300	235
240	39.3	195.9	5,600	41.8	193.6	6,100	43.8	187.6	6,600	240
250	36.2	182.7	4,500	38.6	180.2	5,000	40.5	173.7	5,500	250
255	34.5	175.5	4,100	36.9	172.9	4,500				255
260				35.1	165.1	4,000				260

MLC250 S-2

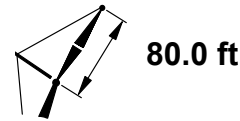
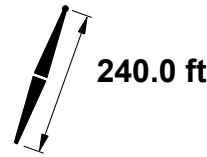
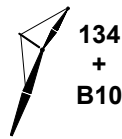
ASME B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
60	80.6	313.5	22,600							60
65	79.6	312.5	22,300							65
70	78.7	311.5	22,100							70
75	77.7	310.4	21,800	80.4	309.0	21,900				75
80	76.8	309.2	21,600	79.4	307.8	21,600				80
85	75.8	308.0	21,300	78.4	306.5	21,300				85
90	74.9	306.6	21,000	77.5	305.1	21,000	80.2	301.2	19,000	90
95	73.9	305.1	20,600	76.5	303.7	20,700	79.2	299.7	18,700	95
100	72.9	303.6	20,300	75.5	302.1	20,400	78.2	298.1	18,500	100
105	72.0	302.0	20,000	74.6	300.5	20,100	77.2	296.5	18,300	105
110	71.0	300.2	19,700	73.6	298.7	19,900	76.2	294.7	18,100	110
115	70.0	298.4	19,400	72.6	296.9	19,600	75.2	292.8	17,900	115
120	69.0	296.5	19,100	71.6	294.9	19,300	74.2	290.9	17,700	120
125	68.0	294.4	18,800	70.6	292.9	19,100	73.2	288.8	17,400	125
130	67.0	292.3	18,500	69.6	290.8	18,800	72.2	286.6	16,900	130
135	66.0	290.1	18,300	68.6	288.5	18,500	71.1	284.4	16,500	135
140	65.0	287.7	18,000	67.5	286.1	18,300	70.1	282.0	16,200	140
145	63.9	285.3	17,700	66.5	283.7	18,000	69.0	279.5	15,800	145
150	62.9	282.7	17,500	65.5	281.1	17,800	68.0	276.8	15,400	150
155	61.9	280.0	17,200	64.4	278.4	17,600	66.9	274.1	15,100	155
160	60.8	277.2	17,100	63.3	275.6	17,400	65.8	271.2	14,800	160
165	59.7	274.3	16,600	62.3	272.6	17,200	64.7	268.2	14,500	165
170	58.6	271.2	15,500	61.2	269.6	16,700	63.6	265.1	14,200	170
175	57.5	268.1	14,500	60.1	266.4	15,600	62.5	261.8	13,900	175
180	56.4	264.7	13,500	59.0	263.0	14,600	61.3	258.4	13,700	180
185	55.3	261.3	12,500	57.8	259.5	13,600	60.2	254.9	13,400	185
190	54.2	257.7	11,700	56.7	255.9	12,700	59.0	251.2	13,200	190
195	53.0	253.9	10,800	55.5	252.1	11,800	57.8	247.3	12,800	195
200	51.8	250.0	10,000	54.3	248.1	11,000	56.6	243.3	11,900	200
205	50.6	245.9	9,300	53.1	244.0	10,200	55.4	239.0	11,100	205
210	49.4	241.6	8,600	51.9	239.7	9,400	54.1	234.6	10,300	210
215	48.2	237.1	7,900	50.6	235.2	8,700	52.9	230.0	9,500	215
220	46.9	232.4	7,300	49.4	230.5	8,000	51.6	225.2	8,800	220
225	45.6	227.6	6,600	48.1	225.5	7,400	50.2	220.2	8,100	225
230	44.3	222.5	6,100	46.7	220.4	6,800	48.9	214.9	7,400	230
235	43.0	217.1	5,500	45.4	215.0	6,200	47.5	209.3	6,800	235
240	41.6	211.5	4,900	44.0	209.3	5,600	46.0	203.5	6,100	240
245	40.1	205.6	4,400	42.5	203.3	5,000	44.5	197.3	5,600	245
250				41.0	197.0	4,500	43.0	190.8	5,000	250
255				39.5	190.4	4,000	41.4	183.9	4,400	255

MLC250 S-2

ASME B30.5



ft	5°			15°			25°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
60	80.9	323.6	22,500							60
65	79.9	322.7	22,100							65
70	79.0	321.7	21,900							70
75	78.1	320.7	21,700	80.7	319.2	21,800				75
80	77.2	319.5	21,500	79.7	318.0	21,600				80
85	76.3	318.3	21,500	78.8	316.8	21,300				85
90	75.3	317.0	20,900	77.9	315.5	21,000	80.5	311.5	19,000	90
95	74.4	315.6	20,600	77.0	314.1	20,700	79.5	310.1	18,700	95
100	73.5	314.1	20,300	76.0	312.6	20,500	78.6	308.6	18,500	100
105	72.5	312.5	20,000	75.1	311.0	20,200	77.6	307.0	18,300	105
110	71.6	310.8	19,700	74.1	309.3	19,900	76.7	305.3	18,100	110
115	70.7	309.1	19,400	73.2	307.5	19,700	75.7	303.5	17,900	115
120	69.7	307.2	19,100	72.2	305.7	19,400	74.7	301.6	17,700	120
125	68.7	305.2	18,900	71.2	303.7	19,200	73.7	299.6	17,500	125
130	67.8	303.2	18,600	70.3	301.6	18,900	72.8	297.5	17,200	130
135	66.8	301.0	18,300	69.3	299.5	18,700	71.8	295.3	16,800	135
140	65.8	298.8	18,100	68.3	297.2	18,400	70.8	293.0	16,400	140
145	64.8	296.4	17,800	67.3	294.8	18,200	69.8	290.6	16,000	145
150	63.8	294.0	17,500	66.3	292.3	18,000	68.7	288.1	15,700	150
155	62.8	291.4	17,300	65.3	289.7	17,700	67.7	285.4	15,400	155
160	61.8	288.7	17,100	64.3	287.0	17,500	66.7	282.7	15,000	160
165	60.8	285.9	16,100	63.2	284.2	17,300	65.6	279.8	14,700	165
170	59.7	283.0	15,000	62.2	281.3	16,300	64.6	276.8	14,400	170
175	58.7	279.9	14,000	61.1	278.2	15,200	63.5	273.7	14,200	175
180	57.6	276.7	13,000	60.1	275.0	14,200	62.4	270.5	13,900	180
185	56.6	273.4	12,100	59.0	271.7	13,200	61.3	267.1	13,600	185
190	55.5	270.0	11,200	57.9	268.2	12,300	60.2	263.5	13,300	190
195	54.4	266.4	10,400	56.8	264.6	11,400	59.1	259.9	12,400	195
200	53.2	262.7	9,600	55.7	260.8	10,600	57.9	256.0	11,500	200
205	52.1	258.8	8,800	54.5	256.9	9,800	56.7	252.0	10,700	205
210	51.0	254.7	8,100	53.4	252.8	9,000	55.6	247.9	9,900	210
215	49.8	250.5	7,400	52.2	248.6	8,300	54.4	243.5	9,100	215
220	48.6	246.1	6,800	51.0	244.1	7,600	53.1	239.0	8,400	220
225	47.4	241.5	6,200	49.7	239.5	6,900	51.9	234.2	7,700	225
230	46.1	236.7	5,600	48.5	234.7	6,300	50.6	229.3	7,000	230
235	44.9	231.7	5,000	47.2	229.6	5,700	49.3	224.1	6,400	235
240	43.6	226.4	4,500	45.9	224.3	5,100	47.9	218.7	5,800	240
245				44.6	218.8	4,600	46.6	213.0	5,200	245
250				43.2	212.9	4,100	45.1	207.0	4,600	250
255							43.7	200.7	4,100	255