

Liftcrane Boom Capacities With Luffing Jib Attached

MLC250 SERIES 2


Boom No. B10:82A

Luffing Jib No. 135

184,600 lb Crane Counterweight

44,000 lb Carbody Counterweight


360 Degree Rating


 **LIFTING CAPACITIES:** Lifting capacities for various boom lengths, luffing jib lengths, boom-to-luffing jib angles, and boom 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 point sheaves is considered part of load. Weight of luffing jib and 3,000 lb suspended beneath luffing jib point sheaves have been included in capacity determination. Boom is 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. Supporting surface and bearing turntable are to be level within a tolerance of 1/2 in. in 10 ft. During operation, luffing jib must be maintained at proper boom-to-luffing jib angle shown in table. Refer to Boom Rigging **No. 80137888**, Luffing Jib Rigging **No. 80138074**, Wire Rope Specifications chart **No. 9942-A**, Counterweight Arrangements chart **No. 9893-A**, Luffing Jib Raising Procedure chart **No. 9937-A**, and Wind Conditions chart **No. 9936-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to the Operator Manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level, and uniformly supporting surface. Boom and luffing jib must be within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specifications chart **No. 9938-A**.

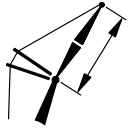
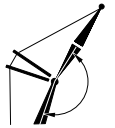
 **OPERATING RADIUS:** Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block.

 **BOOM ANGLE:** Boom angle in degrees (°) 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.

 **BOOM POINT ELEVATION:** Boom point elevation is vertical distance from ground level to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with 28 ft 2 in. crawlers, 48 in. or 60 in. treads, 10 ft 3 in. retractable gantry, 30 ft live mast, 20 part boom hoist reeving, boom support straps, 8 part luffing jib hoist reeving, two 1-1/2 in. luffing jib pendants and backstays.

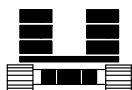
Consult chart **No. 9921-A** for luffing jib capacities.

Luffing Jib Position During Operation	
 Luffing Jib Length Feet	 Boom-to-Luffing Jib Angle Degrees
70	140
80 - 90	150
100 - 120	160
130 - 170	168

Explanation of Symbols



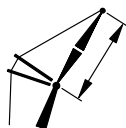
135 Luffing Jib No. 135
+
B10 Boom No. B10:82A



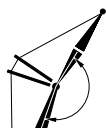
Crane Counterweight
+
Carbody Counterweight



360 Degree Rating



Luffing Jib Length



Boom-to-Luffing Jib Angle



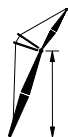
Boom Length



Operating Radius
(see page 1)



Boom Angle
(see page 1)



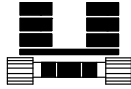
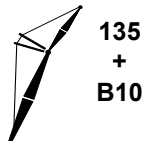
Boom Point Elevation
(see page 1)



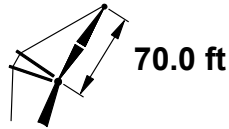
Lifting Capacities
(see page 1)

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



80.0 ft

ft	°	ft	lb
17	83.0	87.3	363,800
18	82.3	87.2	359,400
19	81.5	87.0	355,200
20	80.8	86.8	351,100
22	79.4	86.4	322,000
24	77.9	85.9	294,400
26	76.4	85.4	270,800
28	74.9	84.8	250,300
30	73.4	84.2	221,800
32	71.9	83.5	198,300
34	70.4	82.8	178,800

90.0 ft

ft	°	ft	lb
19	82.5	97.1	325,300
20	81.8	97.0	321,500
22	80.6	96.6	314,300
24	79.3	96.2	294,100
26	77.9	95.7	270,500
28	76.6	95.2	250,000
30	75.3	94.7	222,500
32	74.0	94.1	199,000
34	72.6	93.4	179,400
36	71.3	92.7	162,800
37	70.6	92.3	155,400

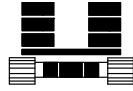
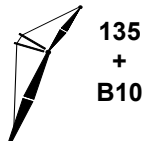
100.0 ft

ft	°	ft	lb
20	82.7	107.1	311,600
22	81.5	106.8	304,900
24	80.3	106.4	294,300
26	79.2	106.0	270,700
28	78.0	105.5	250,300
30	76.8	105.0	223,200
32	75.6	104.5	199,700
34	74.4	103.9	180,100
36	73.2	103.3	163,500
38	72.0	102.6	149,200
40	70.8	101.9	136,900
41	70.2	101.5	131,300

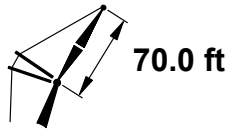
REFERENCE

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



110.0 ft			
ft	o	ft	lb
21	82.8	117.0	286,700
22	82.3	116.9	283,600
24	81.2	116.6	277,600
26	80.2	116.2	270,200
28	79.1	115.8	249,800
30	78.0	115.3	223,600
32	77.0	114.8	200,000
34	75.9	114.3	180,300
36	74.8	113.8	163,700
38	73.7	113.1	149,400
40	72.6	112.5	137,000
42	71.5	111.8	126,200
44	70.4	111.1	116,600

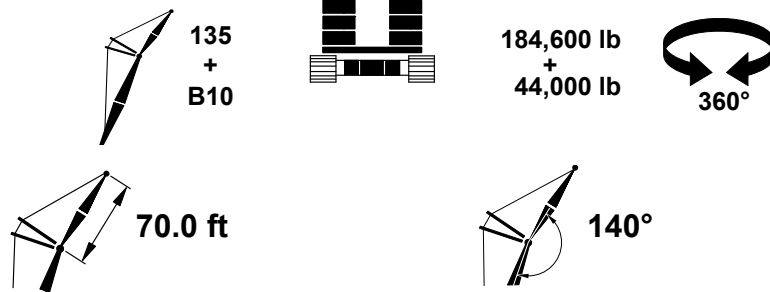
120.0 ft			
ft	o	ft	lb
22	82.9	127.0	275,600
24	82.0	126.7	270,200
26	81.0	126.4	265,000
28	80.0	126.0	249,800
30	79.1	125.6	224,100
32	78.1	125.1	200,400
34	77.1	124.7	180,700
36	76.1	124.1	164,000
38	75.1	123.6	149,700
40	74.1	123.0	137,300
42	73.1	122.4	126,500
44	72.1	121.7	116,900
46	71.1	121.0	108,400
48	70.1	120.2	100,800

130.0 ft			
ft	o	ft	lb
24	82.6	136.8	253,000
26	81.7	136.5	245,300
28	80.8	136.2	238,000
30	79.9	135.8	224,400
32	79.0	135.4	200,700
34	78.1	134.9	180,900
36	77.2	134.5	164,200
38	76.3	133.9	149,900
40	75.4	133.4	137,500
42	74.5	132.8	126,600
44	73.5	132.2	117,000
46	72.6	131.6	108,500
48	71.7	130.9	100,900
50	70.7	130.2	94,000
51	70.3	129.8	90,800

REFER TO

MLC250 S-2

ASME B30.5



140.0 ft			
ft	o	ft	lb
25	82.7	146.8	242,700
26	82.3	146.6	238,900
28	81.5	146.3	231,700
30	80.6	146.0	224,600
32	79.8	145.6	200,900
34	79.0	145.2	181,100
36	78.1	144.7	164,400
38	77.3	144.3	150,100
40	76.5	143.8	137,600
42	75.6	143.2	126,800
44	74.8	142.7	117,200
46	73.9	142.1	108,600
48	73.0	141.4	101,000
50	72.2	140.8	94,100
54	70.4	139.4	82,300

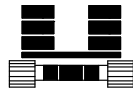
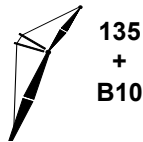
150.0 ft			
ft	o	ft	lb
26	82.8	156.7	215,000
28	82.0	156.4	209,100
30	81.3	156.1	203,500
32	80.5	155.8	198,100
34	79.7	155.4	181,200
36	78.9	155.0	164,400
38	78.2	154.5	150,000
40	77.4	154.1	137,500
42	76.6	153.6	126,600
44	75.8	153.0	117,000
46	75.0	152.5	108,500
48	74.2	151.9	100,800
50	73.4	151.3	93,900
55	71.4	149.6	79,400
58	70.2	148.5	72,100

160.0 ft			
ft	o	ft	lb
27	82.9	166.7	203,200
28	82.5	166.5	200,400
30	81.8	166.2	194,900
32	81.1	165.9	189,700
34	80.4	165.6	181,200
36	79.6	165.2	164,400
38	78.9	164.8	150,000
40	78.2	164.3	137,500
42	77.4	163.9	126,600
44	76.7	163.4	117,000
46	76.0	162.9	108,400
48	75.2	162.3	100,800
50	74.5	161.7	93,900
55	72.6	160.2	79,300
60	70.7	158.5	67,600
61	70.3	158.1	65,600

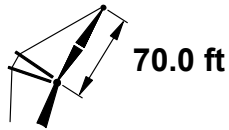
REFER TO SPECIFICATIONS

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



170.0 ft			
ft	o	ft	lb
28	83.0	176.6	187,100
30	82.3	176.4	182,500
32	81.6	176.0	178,000
34	80.9	175.7	173,700
36	80.3	175.4	164,400
38	79.6	175.0	150,000
40	78.9	174.6	137,500
42	78.2	174.1	126,500
44	77.5	173.7	116,900
46	76.8	173.2	108,300
48	76.1	172.7	100,600
50	75.4	172.1	93,700
55	73.7	170.7	79,100
60	71.9	169.1	67,500
65	70.1	167.3	57,900

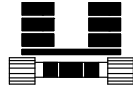
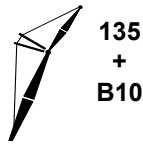
180.0 ft			
ft	o	ft	lb
30	82.7	186.5	173,500
32	82.1	186.2	169,200
34	81.5	185.8	164,900
36	80.8	185.5	160,800
38	80.2	185.2	149,900
40	79.5	184.8	137,400
42	78.9	184.4	126,500
44	78.2	183.9	116,800
46	77.6	183.5	108,200
48	76.9	183.0	100,500
50	76.2	182.5	93,600
55	74.6	181.1	79,000
60	72.9	179.6	67,300
65	71.3	177.9	57,700
68	70.2	176.8	52,800

190.0 ft			
ft	o	ft	lb
31	82.8	196.4	118,000
32	82.5	196.3	118,000
34	81.9	196.0	118,000
36	81.3	195.7	118,000
38	80.7	195.3	118,000
40	80.1	194.9	118,000
42	79.5	194.6	118,000
44	78.8	194.2	117,300
46	78.2	193.7	108,700
48	77.6	193.3	101,000
50	77.0	192.8	94,100
55	75.4	191.5	79,400
60	73.9	190.1	67,700
65	72.3	188.5	58,100
70	70.7	186.7	50,100
72	70.0	186.0	47,300

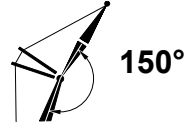
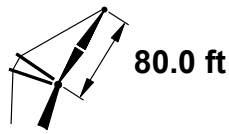
REFER TO MANITOWOC WEBSITE

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



80.0 ft			
ft	o	ft	lb
17	83.0	87.3	363,900
18	82.3	87.2	359,400
19	81.5	87.0	355,000
20	80.8	86.8	350,900
22	79.4	86.4	321,700
24	77.9	85.9	294,000
26	76.4	85.4	270,300
28	74.9	84.8	249,700
30	73.4	84.2	221,000
32	71.9	83.5	197,500
34	70.4	82.8	177,800
36	68.8	82.0	161,200
38	67.3	81.1	147,000
40	65.7	80.2	134,600
42	64.1	79.2	123,800

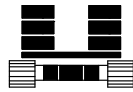
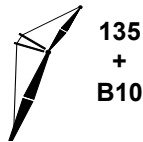
90.0 ft			
ft	o	ft	lb
19	82.5	97.1	325,200
20	81.8	97.0	321,400
22	80.6	96.6	313,900
24	79.3	96.2	293,800
26	77.9	95.7	270,100
28	76.6	95.2	249,500
30	75.3	94.7	221,900
32	74.0	94.1	198,300
34	72.6	93.4	178,600
36	71.3	92.7	161,900
38	69.9	91.9	147,600
40	68.6	91.1	135,200
42	67.2	90.3	124,400
44	65.8	89.3	114,800
46	64.3	88.3	106,300

100.0 ft			
ft	o	ft	lb
20	82.7	107.1	311,500
22	81.5	106.8	304,600
24	80.3	106.4	294,100
26	79.2	106.0	270,400
28	78.0	105.5	249,800
30	76.8	105.0	222,800
32	75.6	104.5	199,200
34	74.4	103.9	179,400
36	73.2	103.3	162,700
38	72.0	102.6	148,400
40	70.8	101.9	136,000
42	69.6	101.1	125,200
44	68.3	100.3	115,600
46	67.1	99.4	107,100
48	65.8	98.5	99,400
50	64.6	97.5	92,600

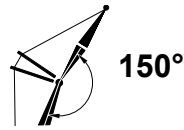
REFER TO SPECIFICATIONS

MLC250 S-2

ASME B30.5



184,600 lb
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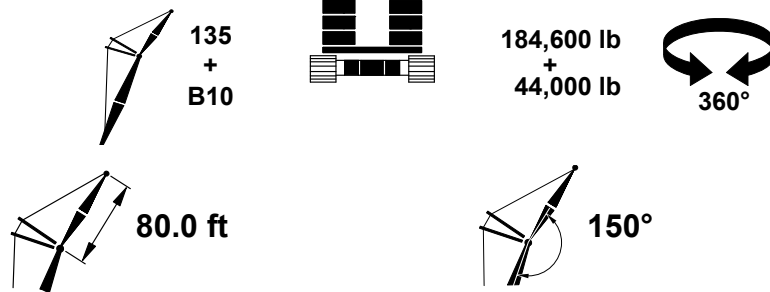
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	286,500
22	82.3	116.9	283,300
24	81.2	116.6	277,300
26	80.2	116.2	270,000
28	79.1	115.8	249,400
30	78.0	115.3	223,300
32	77.0	114.8	199,600
34	75.9	114.3	179,800
36	74.8	113.8	163,100
38	73.7	113.1	148,700
40	72.6	112.5	136,300
42	71.5	111.8	125,400
44	70.4	111.1	115,800
46	69.3	110.3	107,200
48	68.2	109.5	99,600
50	67.0	108.6	92,700
55	64.1	106.2	78,200

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	275,300
24	82.0	126.7	269,800
26	81.0	126.4	264,500
28	80.0	126.0	249,500
30	79.1	125.6	223,900
32	78.1	125.1	200,100
34	77.1	124.7	180,300
36	76.1	124.1	163,500
38	75.1	123.6	149,100
40	74.1	123.0	136,700
42	73.1	122.4	125,800
44	72.1	121.7	116,100
46	71.1	121.0	107,600
48	70.1	120.2	99,900
50	69.1	119.5	93,000
55	66.5	117.3	78,500
59	64.3	115.4	69,000

130.0 ft			
ft	o	ft	lb
24	82.6	136.8	252,700
26	81.7	136.5	245,100
28	80.8	136.2	237,700
30	79.9	135.8	224,300
32	79.0	135.4	200,400
34	78.1	134.9	180,600
36	77.2	134.5	163,800
38	76.3	133.9	149,400
40	75.4	133.4	136,900
42	74.5	132.8	126,000
44	73.5	132.2	116,300
46	72.6	131.6	107,800
48	71.7	130.9	100,100
50	70.7	130.2	93,200
55	68.4	128.2	78,600
60	66.0	126.0	67,000
64	64.0	124.0	59,200

MLC250 S-2

ASME B30.5



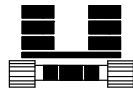
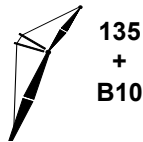
140.0 ft			
ft	o	ft	lb
25	82.7	146.8	242,400
26	82.3	146.6	238,700
28	81.5	146.3	231,400
30	80.6	146.0	224,400
32	79.8	145.6	200,800
34	79.0	145.2	180,900
36	78.1	144.7	164,100
38	77.3	144.3	149,600
40	76.5	143.8	137,100
42	75.6	143.2	126,200
44	74.8	142.7	116,600
46	73.9	142.1	108,000
48	73.0	141.4	100,300
50	72.2	140.8	93,400
55	70.0	139.0	78,800
60	67.8	137.0	67,100
65	65.6	134.7	57,600
68	64.2	133.2	52,600

150.0 ft			
ft	o	ft	lb
26	82.8	156.7	214,700
28	82.0	156.4	208,800
30	81.3	156.1	203,200
32	80.5	155.8	197,700
34	79.7	155.4	181,000
36	78.9	155.0	164,100
38	78.2	154.5	149,600
40	77.4	154.1	137,100
42	76.6	153.6	126,100
44	75.8	153.0	116,500
46	75.0	152.5	107,900
48	74.2	151.9	100,200
50	73.4	151.3	93,200
55	71.4	149.6	78,600
60	69.4	147.8	66,900
65	67.3	145.7	57,300
70	65.2	143.4	49,300
72	64.3	142.4	46,500

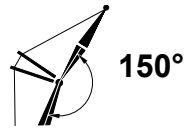
160.0 ft			
ft	o	ft	lb
27	82.9	166.7	202,900
28	82.5	166.5	200,100
30	81.8	166.2	194,600
32	81.1	165.9	189,200
34	80.4	165.6	181,100
36	79.6	165.2	164,200
38	78.9	164.8	149,700
40	78.2	164.3	137,200
42	77.4	163.9	126,200
44	76.7	163.4	116,500
46	76.0	162.9	107,900
48	75.2	162.3	100,200
50	74.5	161.7	93,200
55	72.6	160.2	78,600
60	70.7	158.5	66,900
65	68.8	156.5	57,300
70	66.8	154.4	49,300
75	64.9	152.1	42,500
77	64.1	151.1	40,100

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



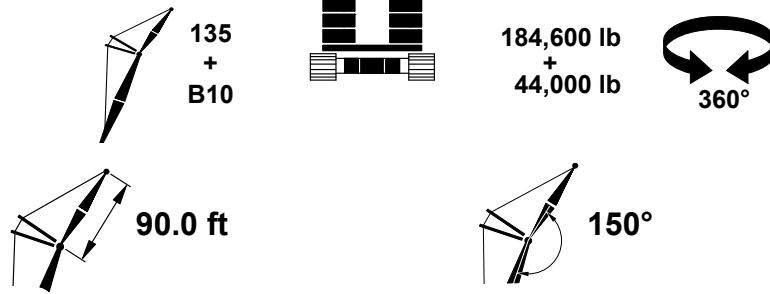
170.0 ft			
ft	o	ft	lb
28	83.0	176.6	186,800
30	82.3	176.4	182,200
32	81.6	176.0	177,700
34	80.9	175.7	173,200
36	80.3	175.4	164,200
38	79.6	175.0	149,700
40	78.9	174.6	137,100
42	78.2	174.1	126,100
44	77.5	173.7	116,400
46	76.8	173.2	107,800
48	76.1	172.7	100,100
50	75.4	172.1	93,100
55	73.7	170.7	78,500
60	71.9	169.1	66,700
65	70.1	167.3	57,100
70	68.3	165.3	49,100
75	66.4	163.1	42,300
80	64.6	160.8	36,500
81	64.2	160.3	35,500

180.0 ft			
ft	o	ft	lb
30	82.7	186.5	173,100
32	82.1	186.2	168,800
34	81.5	185.8	164,500
36	80.8	185.5	160,300
38	80.2	185.2	149,700
40	79.5	184.8	137,100
42	78.9	184.4	126,100
44	78.2	183.9	116,400
46	77.6	183.5	107,700
48	76.9	183.0	100,000
50	76.2	182.5	93,100
55	74.6	181.1	78,400
60	72.9	179.6	66,600
65	71.3	177.9	57,000
70	69.6	176.1	49,000
75	67.8	174.0	42,200
80	66.1	171.8	36,400
85	64.3	169.4	31,300

190.0 ft			
ft	o	ft	lb
31	82.8	196.4	118,000
32	82.5	196.3	118,000
34	81.9	196.0	118,000
36	81.3	195.7	118,000
38	80.7	195.3	118,000
40	80.1	194.9	118,000
42	79.5	194.6	118,000
44	78.8	194.2	117,000
46	78.2	193.7	108,300
48	77.6	193.3	100,500
50	77.0	192.8	93,600
55	75.4	191.5	78,800
60	73.9	190.1	67,100
65	72.3	188.5	57,400
70	70.7	186.7	49,400
75	69.1	184.8	42,600
80	67.4	182.8	36,700
85	65.8	180.5	31,700
90	64.1	178.1	27,300

MLC250 S-2

ASME B30.5



80.0 ft

	ft	°	ft	lb
17	83.0	87.3	360,600	
18	82.3	87.2	356,100	
19	81.5	87.0	351,700	
20	80.8	86.8	347,500	
22	79.4	86.4	319,000	
24	77.9	85.9	291,500	
26	76.4	85.4	267,800	
28	74.9	84.8	246,100	
30	73.4	84.2	217,600	
32	71.9	83.5	194,200	
34	70.4	82.8	174,800	
36	68.8	82.0	158,300	
38	67.3	81.1	144,200	
40	65.7	80.2	132,000	
42	64.1	79.2	121,200	

90.0 ft

	ft	°	ft	lb
19	82.5	97.1	322,200	
20	81.8	97.0	318,400	
22	80.6	96.6	310,900	
24	79.3	96.2	291,300	
26	77.9	95.7	267,700	
28	76.6	95.2	247,200	
30	75.3	94.7	218,600	
32	74.0	94.1	195,200	
34	72.6	93.4	175,600	
36	71.3	92.7	159,100	
38	69.9	91.9	144,900	
40	68.6	91.1	132,600	
42	67.2	90.3	121,900	
44	65.8	89.3	112,400	
46	64.3	88.3	104,000	

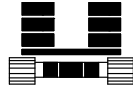
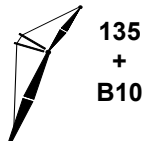
100.0 ft

	ft	°	ft	lb
20	82.7	107.1	308,600	
22	81.5	106.8	301,700	
24	80.3	106.4	291,700	
26	79.2	106.0	268,100	
28	78.0	105.5	247,600	
30	76.8	105.0	219,600	
32	75.6	104.5	196,100	
34	74.4	103.9	176,600	
36	73.2	103.3	160,000	
38	72.0	102.6	145,800	
40	70.8	101.9	133,500	
42	69.6	101.1	122,800	
44	68.3	100.3	113,300	
46	67.1	99.4	104,800	
48	65.8	98.5	97,300	
50	64.6	97.5	90,500	

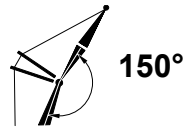
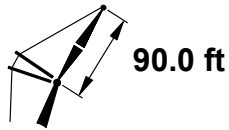
REFER TO SPECIFICATIONS

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



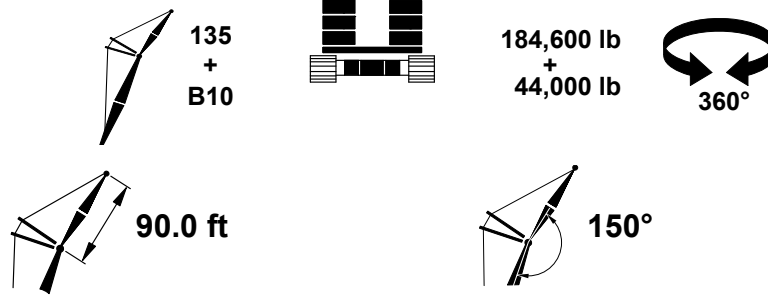
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	283,900
22	82.3	116.9	280,700
24	81.2	116.6	274,700
26	80.2	116.2	267,700
28	79.1	115.8	247,200
30	78.0	115.3	220,200
32	77.0	114.8	196,600
34	75.9	114.3	177,000
36	74.8	113.8	160,400
38	73.7	113.1	146,200
40	72.6	112.5	133,800
42	71.5	111.8	123,000
44	70.4	111.1	113,500
46	69.3	110.3	105,000
48	68.2	109.5	97,500
50	67.0	108.6	90,600
55	64.1	106.2	76,300

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	273,000
24	82.0	126.7	267,400
26	81.0	126.4	262,200
28	80.0	126.0	247,300
30	79.1	125.6	220,800
32	78.1	125.1	197,200
34	77.1	124.7	177,500
36	76.1	124.1	160,900
38	75.1	123.6	146,600
40	74.1	123.0	134,300
42	73.1	122.4	123,500
44	72.1	121.7	113,900
46	71.1	121.0	105,500
48	70.1	120.2	97,900
50	69.1	119.5	91,000
55	66.5	117.3	76,600
59	64.3	115.4	67,200

130.0 ft			
ft	o	ft	lb
24	82.6	136.8	250,900
26	81.7	136.5	243,300
28	80.8	136.2	236,000
30	79.9	135.8	221,200
32	79.0	135.4	197,600
34	78.1	134.9	177,900
36	77.2	134.5	161,200
38	76.3	133.9	146,900
40	75.4	133.4	134,600
42	74.5	132.8	123,700
44	73.5	132.2	114,200
46	72.6	131.6	105,700
48	71.7	130.9	98,100
50	70.7	130.2	91,200
55	68.4	128.2	76,800
60	66.0	126.0	65,200
64	64.0	124.0	57,500

MLC250 S-2

ASME B30.5



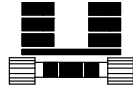
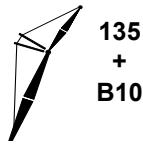
140.0 ft			
ft	°	ft	lb
25	82.7	146.8	240,600
26	82.3	146.6	236,900
28	81.5	146.3	229,600
30	80.6	146.0	221,600
32	79.8	145.6	197,900
34	79.0	145.2	178,200
36	78.1	144.7	161,500
38	77.3	144.3	147,200
40	76.5	143.8	134,800
42	75.6	143.2	124,000
44	74.8	142.7	114,400
46	73.9	142.1	105,900
48	73.0	141.4	98,300
50	72.2	140.8	91,500
55	70.0	139.0	77,000
60	67.8	137.0	65,400
65	65.6	134.7	55,900
68	64.2	133.2	51,100

150.0 ft			
ft	°	ft	lb
26	82.8	156.7	213,000
28	82.0	156.4	207,100
30	81.3	156.1	201,400
32	80.5	155.8	195,900
34	79.7	155.4	178,300
36	78.9	155.0	161,600
38	78.2	154.5	147,300
40	77.4	154.1	134,800
42	76.6	153.6	124,000
44	75.8	153.0	114,400
46	75.0	152.5	105,800
48	74.2	151.9	98,200
50	73.4	151.3	91,300
55	71.4	149.6	76,800
60	69.4	147.8	65,200
65	67.3	145.7	55,700
70	65.2	143.4	47,800
72	64.3	142.4	45,000

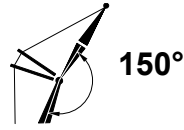
160.0 ft			
ft	°	ft	lb
27	82.9	166.7	201,200
28	82.5	166.5	198,400
30	81.8	166.2	192,900
32	81.1	165.9	187,500
34	80.4	165.6	178,500
36	79.6	165.2	161,700
38	78.9	164.8	147,400
40	78.2	164.3	134,900
42	77.4	163.9	124,000
44	76.7	163.4	114,400
46	76.0	162.9	105,900
48	75.2	162.3	98,200
50	74.5	161.7	91,400
55	72.6	160.2	76,800
60	70.7	158.5	65,200
65	68.8	156.5	55,700
70	66.8	154.4	47,800
75	64.9	152.1	41,100
77	64.1	151.1	38,700

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



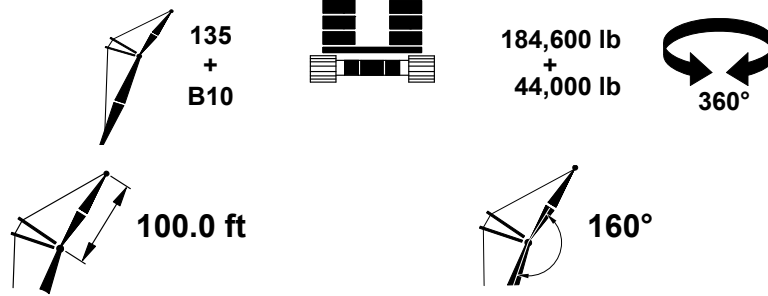
170.0 ft			
ft	o	ft	lb
28	83.0	176.6	185,200
30	82.3	176.4	180,600
32	81.6	176.0	176,100
34	80.9	175.7	171,600
36	80.3	175.4	161,800
38	79.6	175.0	147,400
40	78.9	174.6	134,900
42	78.2	174.1	124,000
44	77.5	173.7	114,400
46	76.8	173.2	105,800
48	76.1	172.7	98,200
50	75.4	172.1	91,300
55	73.7	170.7	76,700
60	71.9	169.1	65,100
65	70.1	167.3	55,600
70	68.3	165.3	47,600
75	66.4	163.1	40,900
80	64.6	160.8	35,200
81	64.2	160.3	34,100

180.0 ft			
ft	o	ft	lb
30	82.7	186.5	171,500
32	82.1	186.2	167,200
34	81.5	185.8	162,900
36	80.8	185.5	158,800
38	80.2	185.2	147,400
40	79.5	184.8	134,900
42	78.9	184.4	124,000
44	78.2	183.9	114,400
46	77.6	183.5	105,800
48	76.9	183.0	98,100
50	76.2	182.5	91,200
55	74.6	181.1	76,700
60	72.9	179.6	65,000
65	71.3	177.9	55,500
70	69.6	176.1	47,500
75	67.8	174.0	40,800
80	66.1	171.8	35,000
85	64.3	169.4	30,000

190.0 ft			
ft	o	ft	lb
31	82.8	196.4	118,000
32	82.5	196.3	118,000
34	81.9	196.0	118,000
36	81.3	195.7	118,000
38	80.7	195.3	118,000
40	80.1	194.9	118,000
42	79.5	194.6	118,000
44	78.8	194.2	115,000
46	78.2	193.7	106,400
48	77.6	193.3	98,700
50	77.0	192.8	91,800
55	75.4	191.5	77,100
60	73.9	190.1	65,500
65	72.3	188.5	55,900
70	70.7	186.7	47,900
75	69.1	184.8	41,200
80	67.4	182.8	35,400
85	65.8	180.5	30,400
90	64.1	178.1	25,600

MLC250 S-2

ASME B30.5



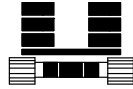
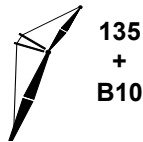
80.0 ft			
ft	°	ft	lb
17	83.0	87.3	363,100
18	82.3	87.2	358,500
19	81.5	87.0	353,900
20	80.8	86.8	349,600
22	79.4	86.4	320,400
24	77.9	85.9	292,500
26	76.4	85.4	268,600
28	74.9	84.8	247,600
30	73.4	84.2	218,600
32	71.9	83.5	195,000
34	70.4	82.8	175,200
36	68.8	82.0	158,500
38	67.3	81.1	144,200
40	65.7	80.2	131,800
42	64.1	79.2	120,900
44	62.5	78.1	111,300
46	60.8	76.9	102,800
48	59.1	75.7	95,200
50	57.4	74.4	88,300

90.0 ft			
ft	°	ft	lb
19	82.5	97.1	324,300
20	81.8	97.0	320,300
22	80.6	96.6	312,700
24	79.3	96.2	292,500
26	77.9	95.7	268,600
28	76.6	95.2	247,900
30	75.3	94.7	219,900
32	74.0	94.1	196,100
34	72.6	93.4	176,300
36	71.3	92.7	159,600
38	69.9	91.9	145,200
40	68.6	91.1	132,700
42	67.2	90.3	121,800
44	65.8	89.3	112,200
46	64.3	88.3	103,700
48	62.9	87.3	96,000
50	61.4	86.2	89,100
55	57.7	83.1	74,600

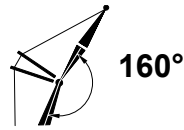
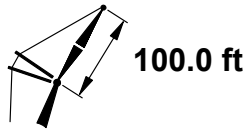
100.0 ft			
ft	°	ft	lb
20	82.7	107.1	310,600
22	81.5	106.8	303,500
24	80.3	106.4	292,900
26	79.2	106.0	269,100
28	78.0	105.5	248,400
30	76.8	105.0	221,000
32	75.6	104.5	197,300
34	74.4	103.9	177,400
36	73.2	103.3	160,600
38	72.0	102.6	146,300
40	70.8	101.9	133,800
42	69.6	101.1	122,900
44	68.3	100.3	113,200
46	67.1	99.4	104,700
48	65.8	98.5	97,000
50	64.6	97.5	90,100
55	61.3	94.8	75,600
60	57.9	91.7	63,900
61	57.2	91.1	61,800

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



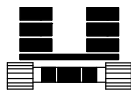
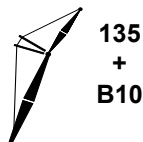
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	285,600
22	82.3	116.9	282,400
24	81.2	116.6	276,200
26	80.2	116.2	268,800
28	79.1	115.8	248,100
30	78.0	115.3	221,800
32	77.0	114.8	197,900
34	75.9	114.3	178,000
36	74.8	113.8	161,200
38	73.7	113.1	146,800
40	72.6	112.5	134,300
42	71.5	111.8	123,300
44	70.4	111.1	113,600
46	69.3	110.3	105,100
48	68.2	109.5	97,400
50	67.0	108.6	90,500
55	64.1	106.2	75,900
60	61.2	103.5	64,200
65	58.1	100.4	54,600
66	57.5	99.8	52,900

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	274,300
24	82.0	126.7	268,700
26	81.0	126.4	263,300
28	80.0	126.0	248,300
30	79.1	125.6	222,500
32	78.1	125.1	198,600
34	77.1	124.7	178,700
36	76.1	124.1	161,800
38	75.1	123.6	147,400
40	74.1	123.0	134,800
42	73.1	122.4	123,900
44	72.1	121.7	114,200
46	71.1	121.0	105,600
48	70.1	120.2	97,900
50	69.1	119.5	91,000
55	66.5	117.3	76,300
60	63.8	114.9	64,600
65	61.1	112.1	55,100
70	58.3	109.1	47,100
72	57.1	107.8	44,200

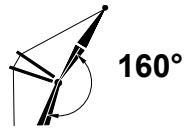
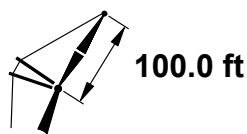
130.0 ft			
ft	o	ft	lb
24	82.6	136.8	251,800
26	81.7	136.5	244,100
28	80.8	136.2	236,700
30	79.9	135.8	223,000
32	79.0	135.4	199,100
34	78.1	134.9	179,100
36	77.2	134.5	162,200
38	76.3	133.9	147,800
40	75.4	133.4	135,200
42	74.5	132.8	124,200
44	73.5	132.2	114,500
46	72.6	131.6	105,900
48	71.7	130.9	98,200
50	70.7	130.2	91,300
55	68.4	128.2	76,600
60	66.0	126.0	64,900
65	63.5	123.5	55,300
70	61.0	120.8	47,300
75	58.4	117.8	40,500
77	57.4	116.5	38,100

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



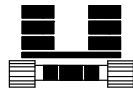
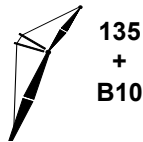
140.0 ft			
ft	°	ft	lb
25	82.7	146.8	241,500
26	82.3	146.6	237,700
28	81.5	146.3	230,400
30	80.6	146.0	223,300
32	79.8	145.6	199,500
34	79.0	145.2	179,500
36	78.1	144.7	162,600
38	77.3	144.3	148,100
40	76.5	143.8	135,600
42	75.6	143.2	124,600
44	74.8	142.7	114,900
46	73.9	142.1	106,300
48	73.0	141.4	98,500
50	72.2	140.8	91,600
55	70.0	139.0	76,900
60	67.8	137.0	65,200
65	65.6	134.7	55,600
70	63.3	132.2	47,600
75	60.9	129.5	40,800
80	58.5	126.4	35,000
83	57.1	124.5	31,900

150.0 ft			
ft	°	ft	lb
26	82.8	156.7	213,800
28	82.0	156.4	207,900
30	81.3	156.1	202,100
32	80.5	155.8	196,600
34	79.7	155.4	179,700
36	78.9	155.0	162,800
38	78.2	154.5	148,200
40	77.4	154.1	135,600
42	76.6	153.6	124,600
44	75.8	153.0	114,900
46	75.0	152.5	106,200
48	74.2	151.9	98,500
50	73.4	151.3	91,500
55	71.4	149.6	76,800
60	69.4	147.8	65,100
65	67.3	145.7	55,400
70	65.2	143.4	47,400
75	63.0	140.9	40,600
80	60.9	138.1	34,800
85	58.6	135.1	29,700
88	57.3	133.2	27,000

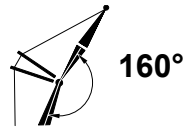
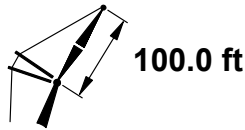
160.0 ft			
ft	°	ft	lb
27	82.9	166.7	201,900
28	82.5	166.5	199,100
30	81.8	166.2	193,600
32	81.1	165.9	188,200
34	80.4	165.6	180,000
36	79.6	165.2	163,000
38	78.9	164.8	148,400
40	78.2	164.3	135,800
42	77.4	163.9	124,800
44	76.7	163.4	115,000
46	76.0	162.9	106,400
48	75.2	162.3	98,600
50	74.5	161.7	91,600
55	72.6	160.2	76,900
60	70.7	158.5	65,100
65	68.8	156.5	55,500
70	66.8	154.4	47,400
75	64.9	152.1	40,600
80	62.9	149.5	34,800
85	60.8	146.8	29,700
90	58.7	143.8	25,300
94	57.0	141.2	21,600

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



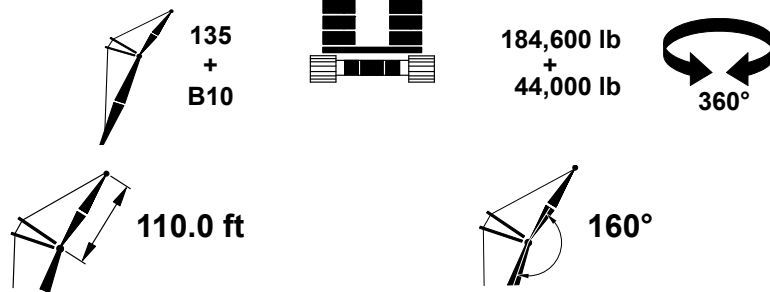
170.0 ft			
ft	o	ft	lb
28	83.0	176.6	185,800
30	82.3	176.4	181,200
32	81.6	176.0	176,700
34	80.9	175.7	172,100
36	80.3	175.4	163,100
38	79.6	175.0	148,500
40	78.9	174.6	135,900
42	78.2	174.1	124,800
44	77.5	173.7	115,000
46	76.8	173.2	106,400
48	76.1	172.7	98,600
50	75.4	172.1	91,600
55	73.7	170.7	76,900
60	71.9	169.1	65,100
65	70.1	167.3	55,400
70	68.3	165.3	47,400
75	66.4	163.1	40,500
80	64.6	160.8	34,700
85	62.7	158.2	29,600
90	60.8	155.4	24,900
95	58.8	152.4	20,400
99	57.2	149.9	17,200

180.0 ft			
ft	o	ft	lb
30	82.7	186.5	172,100
32	82.1	186.2	167,800
34	81.5	185.8	163,400
36	80.8	185.5	159,200
38	80.2	185.2	148,600
40	79.5	184.8	135,900
42	78.9	184.4	124,800
44	78.2	183.9	115,100
46	77.6	183.5	106,400
48	76.9	183.0	98,600
50	76.2	182.5	91,600
55	74.6	181.1	76,800
60	72.9	179.6	65,000
65	71.3	177.9	55,300
70	69.6	176.1	47,300
75	67.8	174.0	40,500
80	66.1	171.8	34,600
85	64.3	169.4	29,500
90	62.5	166.9	24,600
95	60.7	164.1	20,100
100	58.9	161.1	16,100
104	57.4	158.5	13,200

190.0 ft			
ft	o	ft	lb
31	82.8	196.4	118,000
32	82.5	196.3	118,000
34	81.9	196.0	118,000
36	81.3	195.7	118,000
38	80.7	195.3	118,000
40	80.1	194.9	118,000
42	79.5	194.6	118,000
44	78.8	194.2	115,700
46	78.2	193.7	107,000
48	77.6	193.3	99,200
50	77.0	192.8	92,200
55	75.4	191.5	77,400
60	73.9	190.1	65,500
65	72.3	188.5	55,800
70	70.7	186.7	47,800
75	69.1	184.8	40,900
80	67.4	182.8	35,000
85	65.8	180.5	30,000
90	64.1	178.1	24,900
95	62.4	175.5	20,400
100	60.7	172.7	16,400
105	58.9	169.8	12,800
110	57.1	166.6	9,600

MLC250 S-2

ASME B30.5



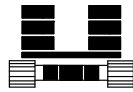
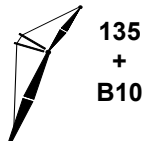
80.0 ft			
ft	°	ft	lb
17	83.0	87.3	360,300
18	82.3	87.2	355,600
19	81.5	87.0	351,000
20	80.8	86.8	346,600
22	79.4	86.4	318,600
24	77.9	85.9	290,800
26	76.4	85.4	266,900
28	74.9	84.8	244,900
30	73.4	84.2	216,100
32	71.9	83.5	192,600
34	70.4	82.8	173,000
36	68.8	82.0	156,400
38	67.3	81.1	142,200
40	65.7	80.2	129,900
42	64.1	79.2	119,100
44	62.5	78.1	109,500
46	60.8	76.9	101,100
48	59.1	75.7	93,500
50	57.4	74.4	86,700

90.0 ft			
ft	°	ft	lb
19	82.5	97.1	321,700
20	81.8	97.0	317,700
22	80.6	96.6	310,100
24	79.3	96.2	290,800
26	77.9	95.7	267,000
28	76.6	95.2	246,300
30	75.3	94.7	217,500
32	74.0	94.1	193,900
34	72.6	93.4	174,200
36	71.3	92.7	157,500
38	69.9	91.9	143,300
40	68.6	91.1	130,900
42	67.2	90.3	120,100
44	65.8	89.3	110,500
46	64.3	88.3	102,000
48	62.9	87.3	94,400
50	61.4	86.2	87,600
55	57.7	83.1	73,100

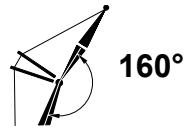
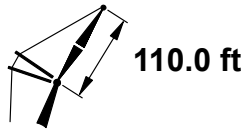
100.0 ft			
ft	°	ft	lb
20	82.7	107.1	308,000
22	81.5	106.8	300,900
24	80.3	106.4	291,300
26	79.2	106.0	267,500
28	78.0	105.5	246,900
30	76.8	105.0	218,700
32	75.6	104.5	195,100
34	74.4	103.9	175,400
36	73.2	103.3	158,700
38	72.0	102.6	144,400
40	70.8	101.9	132,000
42	69.6	101.1	121,200
44	68.3	100.3	111,600
46	67.1	99.4	103,100
48	65.8	98.5	95,500
50	64.6	97.5	88,600
55	61.3	94.8	74,200
60	57.9	91.7	62,600
61	57.2	91.1	60,500

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



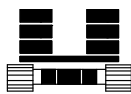
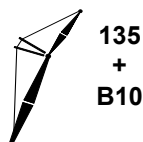
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	283,300
22	82.3	116.9	280,100
24	81.2	116.6	273,800
26	80.2	116.2	267,300
28	79.1	115.8	246,700
30	78.0	115.3	219,500
32	77.0	114.8	195,800
34	75.9	114.3	176,000
36	74.8	113.8	159,300
38	73.7	113.1	145,000
40	72.6	112.5	132,500
42	71.5	111.8	121,700
44	70.4	111.1	112,100
46	69.3	110.3	103,500
48	68.2	109.5	95,900
50	67.0	108.6	89,000
55	64.1	106.2	74,500
60	61.2	103.5	62,900
65	58.1	100.4	53,400
66	57.5	99.8	51,700

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	272,300
24	82.0	126.7	266,600
26	81.0	126.4	261,200
28	80.0	126.0	246,900
30	79.1	125.6	220,300
32	78.1	125.1	196,600
34	77.1	124.7	176,700
36	76.1	124.1	160,000
38	75.1	123.6	145,600
40	74.1	123.0	133,200
42	73.1	122.4	122,300
44	72.1	121.7	112,700
46	71.1	121.0	104,100
48	70.1	120.2	96,500
50	69.1	119.5	89,600
55	66.5	117.3	75,100
60	63.8	114.9	63,400
65	61.1	112.1	53,900
70	58.3	109.1	46,000
72	57.1	107.8	43,100

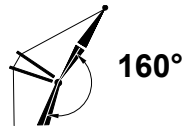
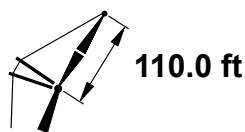
130.0 ft			
ft	o	ft	lb
24	82.6	136.8	250,200
26	81.7	136.5	242,500
28	80.8	136.2	235,100
30	79.9	135.8	220,900
32	79.0	135.4	197,100
34	78.1	134.9	177,300
36	77.2	134.5	160,500
38	76.3	133.9	146,100
40	75.4	133.4	133,600
42	74.5	132.8	122,700
44	73.5	132.2	113,000
46	72.6	131.6	104,500
48	71.7	130.9	96,800
50	70.7	130.2	89,900
55	68.4	128.2	75,400
60	66.0	126.0	63,700
65	63.5	123.5	54,200
70	61.0	120.8	46,200
75	58.4	117.8	39,500
77	57.4	116.5	37,100

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



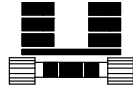
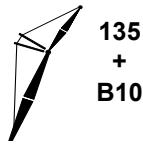
140.0 ft			
ft	o	ft	lb
25	82.7	146.8	239,800
26	82.3	146.6	236,100
28	81.5	146.3	228,800
30	80.6	146.0	221,400
32	79.8	145.6	197,600
34	79.0	145.2	177,700
36	78.1	144.7	160,900
38	77.3	144.3	146,500
40	76.5	143.8	134,000
42	75.6	143.2	123,100
44	74.8	142.7	113,400
46	73.9	142.1	104,900
48	73.0	141.4	97,200
50	72.2	140.8	90,300
55	70.0	139.0	75,700
60	67.8	137.0	64,000
65	65.6	134.7	54,500
70	63.3	132.2	46,500
75	60.9	129.5	39,800
80	58.5	126.4	34,000
83	57.1	124.5	30,900

150.0 ft			
ft	o	ft	lb
26	82.8	156.7	212,300
28	82.0	156.4	206,300
30	81.3	156.1	200,600
32	80.5	155.8	195,000
34	79.7	155.4	177,900
36	78.9	155.0	161,100
38	78.2	154.5	146,600
40	77.4	154.1	134,100
42	76.6	153.6	123,200
44	75.8	153.0	113,500
46	75.0	152.5	104,900
48	74.2	151.9	97,200
50	73.4	151.3	90,300
55	71.4	149.6	75,700
60	69.4	147.8	64,000
65	67.3	145.7	54,400
70	65.2	143.4	46,400
75	63.0	140.9	39,700
80	60.9	138.1	33,900
85	58.6	135.1	28,800
88	57.3	133.2	26,100

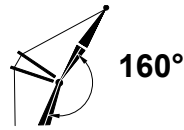
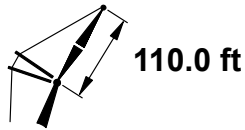
160.0 ft			
ft	o	ft	lb
27	82.9	166.7	200,500
28	82.5	166.5	197,700
30	81.8	166.2	192,100
32	81.1	165.9	186,700
34	80.4	165.6	178,200
36	79.6	165.2	161,300
38	78.9	164.8	146,800
40	78.2	164.3	134,300
42	77.4	163.9	123,300
44	76.7	163.4	113,600
46	76.0	162.9	105,000
48	75.2	162.3	97,300
50	74.5	161.7	90,400
55	72.6	160.2	75,700
60	70.7	158.5	64,000
65	68.8	156.5	54,500
70	66.8	154.4	46,500
75	64.9	152.1	39,700
80	62.9	149.5	33,900
85	60.8	146.8	28,900
90	58.7	143.8	24,200
94	57.0	141.2	20,600

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



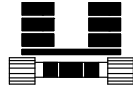
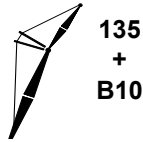
170.0 ft			
ft	o	ft	lb
28	83.0	176.6	184,400
30	82.3	176.4	179,700
32	81.6	176.0	175,200
34	80.9	175.7	170,700
36	80.3	175.4	161,400
38	79.6	175.0	147,000
40	78.9	174.6	134,400
42	78.2	174.1	123,400
44	77.5	173.7	113,700
46	76.8	173.2	105,100
48	76.1	172.7	97,400
50	75.4	172.1	90,400
55	73.7	170.7	75,700
60	71.9	169.1	64,000
65	70.1	167.3	54,400
70	68.3	165.3	46,400
75	66.4	163.1	39,600
80	64.6	160.8	33,800
85	62.7	158.2	28,800
90	60.8	155.4	23,900
95	58.8	152.4	19,400
99	57.2	149.9	16,200

180.0 ft			
ft	o	ft	lb
30	82.7	186.5	170,800
32	82.1	186.2	166,300
34	81.5	185.8	162,000
36	80.8	185.5	157,800
38	80.2	185.2	147,000
40	79.5	184.8	134,500
42	78.9	184.4	123,400
44	78.2	183.9	113,700
46	77.6	183.5	105,100
48	76.9	183.0	97,400
50	76.2	182.5	90,400
55	74.6	181.1	75,700
60	72.9	179.6	64,000
65	71.3	177.9	54,400
70	69.6	176.1	46,400
75	67.8	174.0	39,600
80	66.1	171.8	33,800
85	64.3	169.4	28,600
90	62.5	166.9	23,500
95	60.7	164.1	19,100
100	58.9	161.1	15,100
104	57.4	158.5	12,200

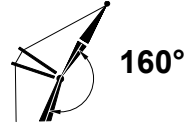
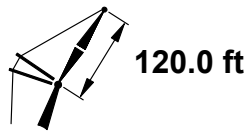
190.0 ft			
ft	o	ft	lb
31	82.8	196.4	118,000
32	82.5	196.3	118,000
34	81.9	196.0	118,000
36	81.3	195.7	118,000
38	80.7	195.3	118,000
40	80.1	194.9	118,000
42	79.5	194.6	118,000
44	78.8	194.2	114,400
46	78.2	193.7	105,700
48	77.6	193.3	98,000
50	77.0	192.8	91,000
55	75.4	191.5	76,300
60	73.9	190.1	64,500
65	72.3	188.5	54,900
70	70.7	186.7	46,800
75	69.1	184.8	40,000
80	67.4	182.8	34,200
85	65.8	180.5	28,900
90	64.1	178.1	23,900
95	62.4	175.5	19,400
100	60.7	172.7	15,500
105	58.9	169.8	11,900
110	57.1	166.6	8,700

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



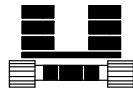
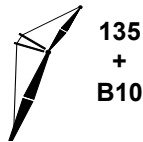
80.0 ft			
ft	°	ft	lb
17	83.0	87.3	356,300
18	82.3	87.2	351,600
19	81.5	87.0	347,000
20	80.8	86.8	342,600
22	79.4	86.4	315,700
24	77.9	85.9	288,000
26	76.4	85.4	264,200
28	74.9	84.8	240,900
30	73.4	84.2	212,400
32	71.9	83.5	189,000
34	70.4	82.8	169,600
36	68.8	82.0	153,100
38	67.3	81.1	139,000
40	65.7	80.2	126,700
42	64.1	79.2	116,000
44	62.5	78.1	106,600
46	60.8	76.9	98,200
48	59.1	75.7	90,700
50	57.4	74.4	83,900

90.0 ft			
ft	°	ft	lb
19	82.5	97.1	318,000
20	81.8	97.0	314,000
22	80.6	96.6	306,300
24	79.3	96.2	288,100
26	77.9	95.7	264,400
28	76.6	95.2	242,500
30	75.3	94.7	213,900
32	74.0	94.1	190,400
34	72.6	93.4	170,900
36	71.3	92.7	154,400
38	69.9	91.9	140,200
40	68.6	91.1	127,900
42	67.2	90.3	117,200
44	65.8	89.3	107,700
46	64.3	88.3	99,300
48	62.9	87.3	91,700
50	61.4	86.2	84,900
55	57.7	83.1	70,600

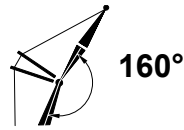
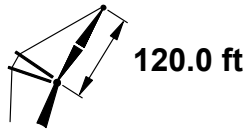
100.0 ft			
ft	°	ft	lb
20	82.7	107.1	304,500
22	81.5	106.8	297,400
24	80.3	106.4	288,700
26	79.2	106.0	265,000
28	78.0	105.5	243,900
30	76.8	105.0	215,300
32	75.6	104.5	191,800
34	74.4	103.9	172,200
36	73.2	103.3	155,600
38	72.0	102.6	141,500
40	70.8	101.9	129,200
42	69.6	101.1	118,400
44	68.3	100.3	108,900
46	67.1	99.4	100,400
48	65.8	98.5	92,900
50	64.6	97.5	86,100
55	61.3	94.8	71,700
60	57.9	91.7	60,200
61	57.2	91.1	58,200

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



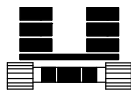
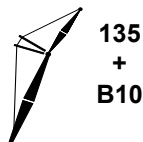
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	280,100
22	82.3	116.9	276,900
24	81.2	116.6	270,600
26	80.2	116.2	264,600
28	79.1	115.8	244,200
30	78.0	115.3	216,100
32	77.0	114.8	192,600
34	75.9	114.3	173,000
36	74.8	113.8	156,400
38	73.7	113.1	142,100
40	72.6	112.5	129,800
42	71.5	111.8	119,000
44	70.4	111.1	109,400
46	69.3	110.3	101,000
48	68.2	109.5	93,400
50	67.0	108.6	86,600
55	64.1	106.2	72,200
60	61.2	103.5	60,600
65	58.1	100.4	51,200
66	57.5	99.8	49,500

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	269,300
24	82.0	126.7	263,700
26	81.0	126.4	258,200
28	80.0	126.0	244,500
30	79.1	125.6	217,000
32	78.1	125.1	193,400
34	77.1	124.7	173,800
36	76.1	124.1	157,100
38	75.1	123.6	142,800
40	74.1	123.0	130,500
42	73.1	122.4	119,700
44	72.1	121.7	110,100
46	71.1	121.0	101,600
48	70.1	120.2	94,000
50	69.1	119.5	87,200
55	66.5	117.3	72,800
60	63.8	114.9	61,200
65	61.1	112.1	51,800
70	58.3	109.1	43,900
72	57.1	107.8	41,100

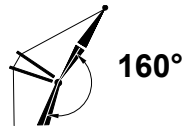
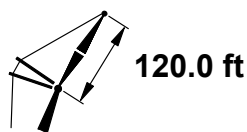
130.0 ft			
ft	o	ft	lb
24	82.6	136.8	248,000
26	81.7	136.5	240,300
28	80.8	136.2	232,800
30	79.9	135.8	217,700
32	79.0	135.4	194,000
34	78.1	134.9	174,300
36	77.2	134.5	157,600
38	76.3	133.9	143,400
40	75.4	133.4	131,000
42	74.5	132.8	120,100
44	73.5	132.2	110,600
46	72.6	131.6	102,100
48	71.7	130.9	94,500
50	70.7	130.2	87,600
55	68.4	128.2	73,200
60	66.0	126.0	61,600
65	63.5	123.5	52,100
70	61.0	120.8	44,200
75	58.4	117.8	37,500
77	57.4	116.5	35,200

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ASME B30.5



184,600 lb
+
44,000 lb



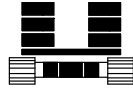
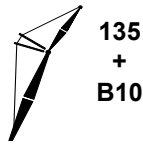
140.0 ft			
ft	°	ft	lb
25	82.7	146.8	237,600
26	82.3	146.6	233,800
28	81.5	146.3	226,500
30	80.6	146.0	218,200
32	79.8	145.6	194,600
34	79.0	145.2	174,800
36	78.1	144.7	158,100
38	77.3	144.3	143,800
40	76.5	143.8	131,400
42	75.6	143.2	120,600
44	74.8	142.7	111,000
46	73.9	142.1	102,500
48	73.0	141.4	94,900
50	72.2	140.8	88,000
55	70.0	139.0	73,500
60	67.8	137.0	62,000
65	65.6	134.7	52,500
70	63.3	132.2	44,600
75	60.9	129.5	37,900
80	58.5	126.4	32,200
83	57.1	124.5	29,100

150.0 ft			
ft	°	ft	lb
26	82.8	156.7	210,100
28	82.0	156.4	204,200
30	81.3	156.1	198,500
32	80.5	155.8	192,900
34	79.7	155.4	175,100
36	78.9	155.0	158,400
38	78.2	154.5	144,000
40	77.4	154.1	131,600
42	76.6	153.6	120,700
44	75.8	153.0	111,100
46	75.0	152.5	102,600
48	74.2	151.9	94,900
50	73.4	151.3	88,100
55	71.4	149.6	73,500
60	69.4	147.8	61,900
65	67.3	145.7	52,400
70	65.2	143.4	44,500
75	63.0	140.9	37,800
80	60.9	138.1	32,000
85	58.6	135.1	27,100
88	57.3	133.2	24,000

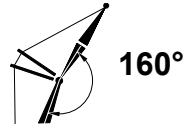
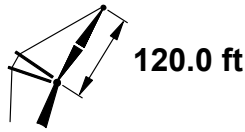
160.0 ft			
ft	°	ft	lb
27	82.9	166.7	198,200
28	82.5	166.5	195,400
30	81.8	166.2	189,900
32	81.1	165.9	184,500
34	80.4	165.6	175,400
36	79.6	165.2	158,600
38	78.9	164.8	144,300
40	78.2	164.3	131,800
42	77.4	163.9	120,900
44	76.7	163.4	111,300
46	76.0	162.9	102,700
48	75.2	162.3	95,100
50	74.5	161.7	88,200
55	72.6	160.2	73,700
60	70.7	158.5	62,000
65	68.8	156.5	52,500
70	66.8	154.4	44,600
75	64.9	152.1	37,900
80	62.9	149.5	32,100
85	60.8	146.8	26,900
90	58.7	143.8	21,900
94	57.0	141.2	18,400

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



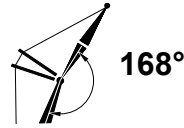
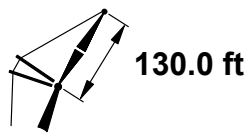
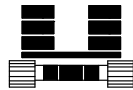
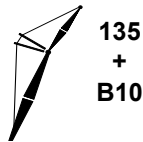
170.0 ft			
ft	o	ft	lb
28	83.0	176.6	182,300
30	82.3	176.4	177,600
32	81.6	176.0	173,100
34	80.9	175.7	168,600
36	80.3	175.4	158,800
38	79.6	175.0	144,400
40	78.9	174.6	131,900
42	78.2	174.1	121,000
44	77.5	173.7	111,400
46	76.8	173.2	102,800
48	76.1	172.7	95,200
50	75.4	172.1	88,300
55	73.7	170.7	73,700
60	71.9	169.1	62,100
65	70.1	167.3	52,500
70	68.3	165.3	44,600
75	66.4	163.1	37,800
80	64.6	160.8	32,100
85	62.7	158.2	26,600
90	60.8	155.4	21,700
95	58.8	152.4	17,200
99	57.2	149.9	14,000

180.0 ft			
ft	o	ft	lb
30	82.7	186.5	168,600
32	82.1	186.2	164,300
34	81.5	185.8	159,900
36	80.8	185.5	155,700
38	80.2	185.2	144,500
40	79.5	184.8	132,000
42	78.9	184.4	121,100
44	78.2	183.9	111,500
46	77.6	183.5	102,900
48	76.9	183.0	95,200
50	76.2	182.5	88,300
55	74.6	181.1	73,700
60	72.9	179.6	62,100
65	71.3	177.9	52,500
70	69.6	176.1	44,600
75	67.8	174.0	37,800
80	66.1	171.8	32,000
85	64.3	169.4	26,400
90	62.5	166.9	21,400
95	60.7	164.1	17,000
100	58.9	161.1	13,000
104	57.4	158.5	10,200

190.0 ft			
ft	o	ft	lb
31	82.8	196.4	118,000
32	82.5	196.3	118,000
34	81.9	196.0	118,000
36	81.3	195.7	118,000
38	80.7	195.3	118,000
40	80.1	194.9	118,000
42	79.5	194.6	118,000
44	78.8	194.2	112,200
46	78.2	193.7	103,600
48	77.6	193.3	95,900
50	77.0	192.8	88,900
55	75.4	191.5	74,300
60	73.9	190.1	62,600
65	72.3	188.5	53,000
70	70.7	186.7	45,100
75	69.1	184.8	38,300
80	67.4	182.8	32,400
85	65.8	180.5	26,700
90	64.1	178.1	21,800
95	62.4	175.5	17,400
100	60.7	172.7	13,400
105	58.9	169.8	9,900
110	57.1	166.6	6,700

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ASME B30.5



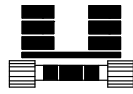
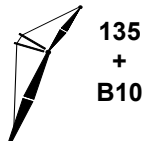
80.0 ft			
ft	o	ft	lb
17	83.0	87.3	361,600
18	82.3	87.2	356,700
19	81.5	87.0	351,900
20	80.8	86.8	347,300
22	79.4	86.4	318,600
24	77.9	85.9	290,500
26	76.4	85.4	266,400
28	74.9	84.8	244,300
30	73.4	84.2	215,200
32	71.9	83.5	191,400
34	70.4	82.8	171,500
36	68.8	82.0	154,700
38	67.3	81.1	140,300
40	65.7	80.2	127,800
42	64.1	79.2	116,900
44	62.5	78.1	107,200
46	60.8	76.9	98,700
48	59.1	75.7	91,000
50	57.4	74.4	84,100
55	53.0	70.7	69,400
57	51.1	69.0	64,500

90.0 ft			
ft	o	ft	lb
19	82.5	97.1	322,600
20	81.8	97.0	318,400
22	80.6	96.6	310,400
24	79.3	96.2	290,700
26	77.9	95.7	266,700
28	76.6	95.2	245,800
30	75.3	94.7	216,900
32	74.0	94.1	193,000
34	72.6	93.4	173,100
36	71.3	92.7	156,200
38	69.9	91.9	141,800
40	68.6	91.1	129,300
42	67.2	90.3	118,300
44	65.8	89.3	108,600
46	64.3	88.3	100,000
48	62.9	87.3	92,300
50	61.4	86.2	85,400
55	57.7	83.1	70,700
60	53.8	79.5	59,000
63	51.3	77.0	53,000

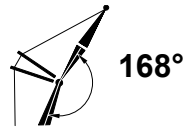
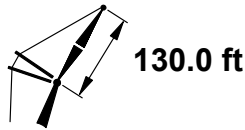
100.0 ft			
ft	o	ft	lb
20	82.7	107.1	308,900
22	81.5	106.8	301,500
24	80.3	106.4	291,400
26	79.2	106.0	267,400
28	78.0	105.5	246,600
30	76.8	105.0	218,500
32	75.6	104.5	194,600
34	74.4	103.9	174,600
36	73.2	103.3	157,700
38	72.0	102.6	143,200
40	70.8	101.9	130,700
42	69.6	101.1	119,700
44	68.3	100.3	110,000
46	67.1	99.4	101,400
48	65.8	98.5	93,700
50	64.6	97.5	86,700
55	61.3	94.8	72,100
60	57.9	91.7	60,300
65	54.4	88.2	50,700
69	51.5	85.1	44,200

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



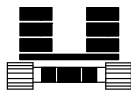
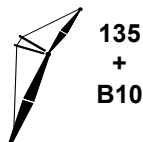
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	283,900
22	82.3	116.9	280,600
24	81.2	116.6	274,200
26	80.2	116.2	267,300
28	79.1	115.8	246,500
30	78.0	115.3	219,600
32	77.0	114.8	195,500
34	75.9	114.3	175,500
36	74.8	113.8	158,600
38	73.7	113.1	144,100
40	72.6	112.5	131,500
42	71.5	111.8	120,500
44	70.4	111.1	110,700
46	69.3	110.3	102,100
48	68.2	109.5	94,400
50	67.0	108.6	87,400
55	64.1	106.2	72,700
60	61.2	103.5	60,900
65	58.1	100.4	51,300
70	55.0	97.0	43,200
75	51.7	93.1	36,400

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	272,600
24	82.0	126.7	266,800
26	81.0	126.4	261,200
28	80.0	126.0	246,800
30	79.1	125.6	220,500
32	78.1	125.1	196,500
34	77.1	124.7	176,400
36	76.1	124.1	159,500
38	75.1	123.6	144,900
40	74.1	123.0	132,300
42	73.1	122.4	121,300
44	72.1	121.7	111,500
46	71.1	121.0	102,900
48	70.1	120.2	95,100
50	69.1	119.5	88,200
55	66.5	117.3	73,400
60	63.8	114.9	61,600
65	61.1	112.1	52,000
70	58.3	109.1	43,900
75	55.4	105.7	37,100
80	52.4	101.9	31,300
82	51.2	100.3	29,200

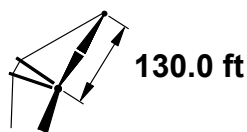
130.0 ft			
ft	o	ft	lb
24	82.6	136.8	250,200
26	81.7	136.5	242,400
28	80.8	136.2	234,900
30	79.9	135.8	221,300
32	79.0	135.4	197,200
34	78.1	134.9	177,100
36	77.2	134.5	160,100
38	76.3	133.9	145,500
40	75.4	133.4	132,900
42	74.5	132.8	121,900
44	73.5	132.2	112,100
46	72.6	131.6	103,400
48	71.7	130.9	95,700
50	70.7	130.2	88,700
55	68.4	128.2	73,900
60	66.0	126.0	62,100
65	63.5	123.5	52,400
70	61.0	120.8	44,400
75	58.4	117.8	37,600
80	55.8	114.4	31,700
85	53.0	110.7	26,600
88	51.3	108.3	23,700

MLC250 S-2

ASME B30.5



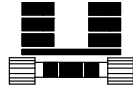
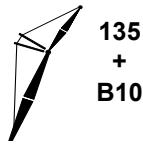
184,600 lb
+
44,000 lb



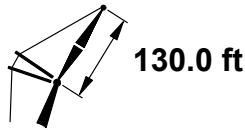
140.0 ft			
ft	o	ft	lb
25	82.7	146.8	239,800
26	82.3	146.6	236,000
28	81.5	146.3	228,600
30	80.6	146.0	221,500
32	79.8	145.6	197,800
34	79.0	145.2	177,700
36	78.1	144.7	160,700
38	77.3	144.3	146,100
40	76.5	143.8	133,500
42	75.6	143.2	122,400
44	74.8	142.7	112,600
46	73.9	142.1	103,900
48	73.0	141.4	96,200
50	72.2	140.8	89,200
55	70.0	139.0	74,400
60	67.8	137.0	62,600
65	65.6	134.7	52,900
70	63.3	132.2	44,800
75	60.9	129.5	38,000
80	58.5	126.4	32,200
85	56.1	123.1	27,100
90	53.5	119.5	22,100
94	51.5	116.3	18,400

150.0 ft			
ft	o	ft	lb
26	82.8	156.7	212,200
28	82.0	156.4	206,200
30	81.3	156.1	200,300
32	80.5	155.8	194,700
34	79.7	155.4	178,100
36	78.9	155.0	161,000
38	78.2	154.5	146,400
40	77.4	154.1	133,700
42	76.6	153.6	122,600
44	75.8	153.0	112,800
46	75.0	152.5	104,100
48	74.2	151.9	96,300
50	73.4	151.3	89,300
55	71.4	149.6	74,500
60	69.4	147.8	62,600
65	67.3	145.7	52,900
70	65.2	143.4	44,800
75	63.0	140.9	38,000
80	60.9	138.1	32,100
85	58.6	135.1	26,900
90	56.4	131.8	21,800
95	54.0	128.2	17,300
100	51.6	124.3	13,200
101	51.1	123.5	12,400

160.0 ft			
ft	o	ft	lb
27	82.9	166.7	200,300
28	82.5	166.5	197,400
30	81.8	166.2	191,800
32	81.1	165.9	186,400
34	80.4	165.6	178,400
36	79.6	165.2	161,300
38	78.9	164.8	146,700
40	78.2	164.3	134,000
42	77.4	163.9	122,900
44	76.7	163.4	113,100
46	76.0	162.9	104,300
48	75.2	162.3	96,500
50	74.5	161.7	89,500
55	72.6	160.2	74,700
60	70.7	158.5	62,800
65	68.8	156.5	53,100
70	66.8	154.4	45,000
75	64.9	152.1	38,200
80	62.9	149.5	32,300
85	60.8	146.8	26,900
90	58.7	143.8	21,800
95	56.6	140.5	17,200
100	54.4	137.0	13,200
105	52.1	133.1	9,500
107	51.2	131.5	8,200



184,600 lb
+
44,000 lb



170.0 ft

	ft	o	ft	lb
28	83.0	176.6	184,200	
30	82.3	176.4	179,500	
32	81.6	176.0	174,900	
34	80.9	175.7	170,300	
36	80.3	175.4	161,600	
38	79.6	175.0	146,900	
40	78.9	174.6	134,200	
42	78.2	174.1	123,000	
44	77.5	173.7	113,200	
46	76.8	173.2	104,500	
48	76.1	172.7	96,700	
50	75.4	172.1	89,600	
55	73.7	170.7	74,800	
60	71.9	169.1	62,900	
65	70.1	167.3	53,200	
70	68.3	165.3	45,100	
75	66.4	163.1	38,200	
80	64.6	160.8	32,300	
85	62.7	158.2	26,700	
90	60.8	155.4	21,600	
95	58.8	152.4	17,100	
100	56.8	149.2	13,000	
105	54.7	145.7	9,400	
110	52.6	141.9	6,100	
113	51.3	139.5	4,300	

180.0 ft

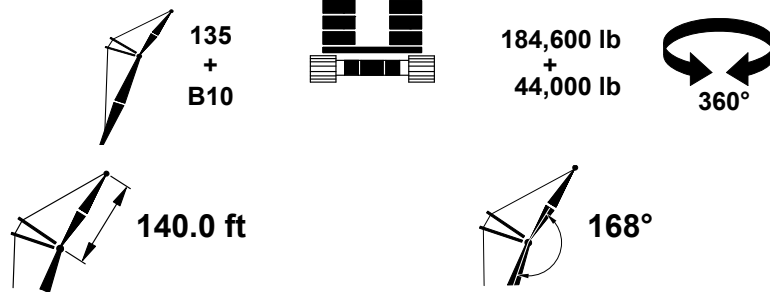
	ft	o	ft	lb
30	82.7	186.5	170,500	
32	82.1	186.2	166,100	
34	81.5	185.8	161,700	
36	80.8	185.5	157,400	
38	80.2	185.2	147,100	
40	79.5	184.8	134,300	
42	78.9	184.4	123,200	
44	78.2	183.9	113,300	
46	77.6	183.5	104,600	
48	76.9	183.0	96,800	
50	76.2	182.5	89,700	
55	74.6	181.1	74,900	
60	72.9	179.6	63,000	
65	71.3	177.9	53,200	
70	69.6	176.1	45,100	
75	67.8	174.0	38,200	
80	66.1	171.8	32,200	
85	64.3	169.4	26,500	
90	62.5	166.9	21,400	
95	60.7	164.1	16,900	
100	58.9	161.1	12,800	
105	57.0	157.9	9,200	
110	55.0	154.4	5,900	

190.0 ft

	ft	o	ft	lb
31	82.8	196.4	118,000	
32	82.5	196.3	118,000	
34	81.9	196.0	118,000	
36	81.3	195.7	118,000	
38	80.7	195.3	118,000	
40	80.1	194.9	118,000	
42	79.5	194.6	118,000	
44	78.8	194.2	114,100	
46	78.2	193.7	105,300	
48	77.6	193.3	97,500	
50	77.0	192.8	90,400	
55	75.4	191.5	75,500	
60	73.9	190.1	63,600	
65	72.3	188.5	53,800	
70	70.7	186.7	45,700	
75	69.1	184.8	38,800	
80	67.4	182.8	32,700	
85	65.8	180.5	26,900	
90	64.1	178.1	21,800	
95	62.4	175.5	17,300	
100	60.7	172.7	13,300	
105	58.9	169.8	9,700	
110	57.1	166.6	6,400	

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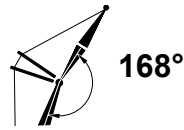
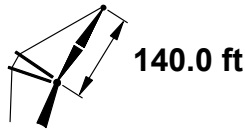
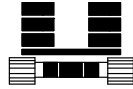
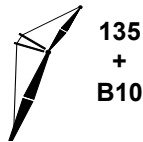
80.0 ft			
ft	°	ft	lb
17	83.0	87.3	358,300
18	82.3	87.2	353,300
19	81.5	87.0	348,500
20	80.8	86.8	344,000
22	79.4	86.4	316,200
24	77.9	85.9	288,100
26	76.4	85.4	264,000
28	74.9	84.8	240,800
30	73.4	84.2	211,800
32	71.9	83.5	188,100
34	70.4	82.8	168,400
36	68.8	82.0	151,700
38	67.3	81.1	137,300
40	65.7	80.2	124,900
42	64.1	79.2	114,000
44	62.5	78.1	104,400
46	60.8	76.9	95,900
48	59.1	75.7	88,200
50	57.4	74.4	81,300
55	53.0	70.7	66,800
57	51.1	69.0	61,900

90.0 ft			
ft	°	ft	lb
19	82.5	97.1	319,500
20	81.8	97.0	315,300
22	80.6	96.6	307,200
24	79.3	96.2	288,400
26	77.9	95.7	264,400
28	76.6	95.2	242,800
30	75.3	94.7	213,700
32	74.0	94.1	190,000
34	72.6	93.4	170,100
36	71.3	92.7	153,300
38	69.9	91.9	139,000
40	68.6	91.1	126,500
42	67.2	90.3	115,600
44	65.8	89.3	105,900
46	64.3	88.3	97,400
48	62.9	87.3	89,700
50	61.4	86.2	82,800
55	57.7	83.1	68,200
60	53.8	79.5	56,600
63	51.3	77.0	50,600

100.0 ft			
ft	°	ft	lb
20	82.7	107.1	305,800
22	81.5	106.8	298,400
24	80.3	106.4	289,200
26	79.2	106.0	265,200
28	78.0	105.5	244,400
30	76.8	105.0	215,500
32	75.6	104.5	191,600
34	74.4	103.9	171,800
36	73.2	103.3	155,000
38	72.0	102.6	140,600
40	70.8	101.9	128,100
42	69.6	101.1	117,100
44	68.3	100.3	107,500
46	67.1	99.4	98,900
48	65.8	98.5	91,200
50	64.6	97.5	84,300
55	61.3	94.8	69,700
60	57.9	91.7	58,000
65	54.4	88.2	48,500
69	51.5	85.1	42,000

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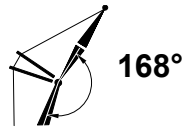
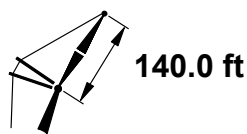
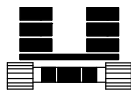
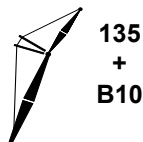
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	281,300
22	82.3	116.9	277,900
24	81.2	116.6	271,300
26	80.2	116.2	265,100
28	79.1	115.8	244,400
30	78.0	115.3	216,600
32	77.0	114.8	192,700
34	75.9	114.3	172,800
36	74.8	113.8	155,900
38	73.7	113.1	141,500
40	72.6	112.5	128,900
42	71.5	111.8	118,000
44	70.4	111.1	108,300
46	69.3	110.3	99,700
48	68.2	109.5	92,000
50	67.0	108.6	85,100
55	64.1	106.2	70,400
60	61.2	103.5	58,700
65	58.1	100.4	49,100
70	55.0	97.0	41,100
75	51.7	93.1	34,300

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	270,100
24	82.0	126.7	264,200
26	81.0	126.4	258,600
28	80.0	126.0	244,700
30	79.1	125.6	217,700
32	78.1	125.1	193,800
34	77.1	124.7	173,800
36	76.1	124.1	156,900
38	75.1	123.6	142,400
40	74.1	123.0	129,900
42	73.1	122.4	118,900
44	72.1	121.7	109,200
46	71.1	121.0	100,600
48	70.1	120.2	92,900
50	69.1	119.5	85,900
55	66.5	117.3	71,300
60	63.8	114.9	59,500
65	61.1	112.1	49,900
70	58.3	109.1	41,900
75	55.4	105.7	35,100
80	52.4	101.9	29,300
82	51.2	100.3	27,200

130.0 ft			
ft	o	ft	lb
24	82.6	136.8	248,300
26	81.7	136.5	240,400
28	80.8	136.2	232,900
30	79.9	135.8	218,600
32	79.0	135.4	194,600
34	78.1	134.9	174,600
36	77.2	134.5	157,600
38	76.3	133.9	143,100
40	75.4	133.4	130,600
42	74.5	132.8	119,500
44	73.5	132.2	109,800
46	72.6	131.6	101,200
48	71.7	130.9	93,500
50	70.7	130.2	86,500
55	68.4	128.2	71,800
60	66.0	126.0	60,100
65	63.5	123.5	50,500
70	61.0	120.8	42,400
75	58.4	117.8	35,700
80	55.8	114.4	29,800
85	53.0	110.7	24,500
88	51.3	108.3	21,300

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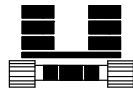
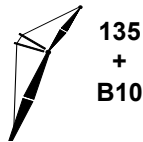
140.0 ft			
ft	o	ft	lb
25	82.7	146.8	237,800
26	82.3	146.6	233,900
28	81.5	146.3	226,500
30	80.6	146.0	219,300
32	79.8	145.6	195,300
34	79.0	145.2	175,200
36	78.1	144.7	158,300
38	77.3	144.3	143,800
40	76.5	143.8	131,200
42	75.6	143.2	120,200
44	74.8	142.7	110,400
46	73.9	142.1	101,800
48	73.0	141.4	94,100
50	72.2	140.8	87,100
55	70.0	139.0	72,400
60	67.8	137.0	60,600
65	65.6	134.7	51,000
70	63.3	132.2	43,000
75	60.9	129.5	36,200
80	58.5	126.4	30,300
85	56.1	123.1	24,900
90	53.5	119.5	19,800
94	51.5	116.3	16,100

150.0 ft			
ft	o	ft	lb
26	82.8	156.7	210,300
28	82.0	156.4	204,200
30	81.3	156.1	198,400
32	80.5	155.8	192,800
34	79.7	155.4	175,700
36	78.9	155.0	158,700
38	78.2	154.5	144,100
40	77.4	154.1	131,500
42	76.6	153.6	120,400
44	75.8	153.0	110,700
46	75.0	152.5	102,000
48	74.2	151.9	94,200
50	73.4	151.3	87,300
55	71.4	149.6	72,500
60	69.4	147.8	60,700
65	67.3	145.7	51,100
70	65.2	143.4	43,000
75	63.0	140.9	36,200
80	60.9	138.1	30,400
85	58.6	135.1	24,700
90	56.4	131.8	19,500
95	54.0	128.2	15,000
100	51.6	124.3	11,000
101	51.1	123.5	10,200

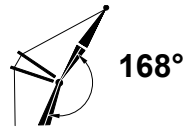
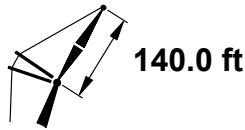
160.0 ft			
ft	o	ft	lb
27	82.9	166.7	198,400
28	82.5	166.5	195,500
30	81.8	166.2	189,900
32	81.1	165.9	184,400
34	80.4	165.6	176,100
36	79.6	165.2	159,000
38	78.9	164.8	144,500
40	78.2	164.3	131,800
42	77.4	163.9	120,700
44	76.7	163.4	111,000
46	76.0	162.9	102,300
48	75.2	162.3	94,500
50	74.5	161.7	87,500
55	72.6	160.2	72,800
60	70.7	158.5	61,000
65	68.8	156.5	51,300
70	66.8	154.4	43,200
75	64.9	152.1	36,400
80	62.9	149.5	30,500
85	60.8	146.8	24,700
90	58.7	143.8	19,600
95	56.6	140.5	15,100
100	54.4	137.0	11,000
105	52.1	133.1	7,400
107	51.2	131.5	6,100

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184,600 lb
+
44,000 lb



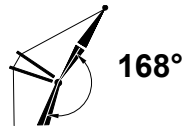
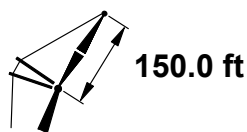
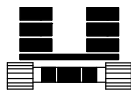
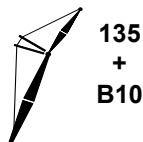
170.0 ft			
ft	o	ft	lb
28	83.0	176.6	182,400
30	82.3	176.4	177,600
32	81.6	176.0	173,000
34	80.9	175.7	168,400
36	80.3	175.4	159,300
38	79.6	175.0	144,700
40	78.9	174.6	132,000
42	78.2	174.1	121,000
44	77.5	173.7	111,200
46	76.8	173.2	102,500
48	76.1	172.7	94,700
50	75.4	172.1	87,700
55	73.7	170.7	72,900
60	71.9	169.1	61,100
65	70.1	167.3	51,400
70	68.3	165.3	43,300
75	66.4	163.1	36,500
80	64.6	160.8	30,300
85	62.7	158.2	24,500
90	60.8	155.4	19,400
95	58.8	152.4	14,900
100	56.8	149.2	10,900
105	54.7	145.7	7,300
110	52.6	141.9	4,000

180.0 ft			
ft	o	ft	lb
30	82.7	186.5	168,600
32	82.1	186.2	164,200
34	81.5	185.8	159,800
36	80.8	185.5	155,500
38	80.2	185.2	144,900
40	79.5	184.8	132,200
42	78.9	184.4	121,100
44	78.2	183.9	111,300
46	77.6	183.5	102,600
48	76.9	183.0	94,800
50	76.2	182.5	87,800
55	74.6	181.1	73,000
60	72.9	179.6	61,200
65	71.3	177.9	51,500
70	69.6	176.1	43,400
75	67.8	174.0	36,600
80	66.1	171.8	30,100
85	64.3	169.4	24,300
90	62.5	166.9	19,300
95	60.7	164.1	14,800
100	58.9	161.1	10,800
105	57.0	157.9	7,200

190.0 ft			
ft	o	ft	lb
31	82.8	196.4	118,000
32	82.5	196.3	118,000
34	81.9	196.0	118,000
36	81.3	195.7	118,000
38	80.7	195.3	118,000
40	80.1	194.9	118,000
42	79.5	194.6	118,000
44	78.8	194.2	112,100
46	78.2	193.7	103,400
48	77.6	193.3	95,600
50	77.0	192.8	88,500
55	75.4	191.5	73,700
60	73.9	190.1	61,800
65	72.3	188.5	52,100
70	70.7	186.7	44,000
75	69.1	184.8	37,100
80	67.4	182.8	30,500
85	65.8	180.5	24,800
90	64.1	178.1	19,800
95	62.4	175.5	15,300
100	60.7	172.7	11,300
105	58.9	169.8	7,700
110	57.1	166.6	4,400

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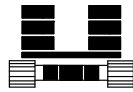
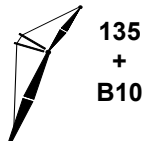
80.0 ft			
ft	o	ft	lb
17	83.0	87.3	355,600
18	82.3	87.2	350,700
19	81.5	87.0	345,900
20	80.8	86.8	341,200
22	79.4	86.4	314,400
24	77.9	85.9	286,400
26	76.4	85.4	262,300
28	74.9	84.8	238,200
30	73.4	84.2	209,300
32	71.9	83.5	185,800
34	70.4	82.8	166,100
36	68.8	82.0	149,500
38	67.3	81.1	135,200
40	65.7	80.2	122,800
42	64.1	79.2	112,000
44	62.5	78.1	102,500
46	60.8	76.9	94,000
48	59.1	75.7	86,400
50	57.4	74.4	79,500
55	53.0	70.7	65,100
57	51.1	69.0	60,100

90.0 ft			
ft	o	ft	lb
19	82.5	97.1	317,100
20	81.8	97.0	312,900
22	80.6	96.6	304,800
24	79.3	96.2	286,800
26	77.9	95.7	262,800
28	76.6	95.2	240,300
30	75.3	94.7	211,400
32	74.0	94.1	187,700
34	72.6	93.4	168,000
36	71.3	92.7	151,300
38	69.9	91.9	137,000
40	68.6	91.1	124,600
42	67.2	90.3	113,700
44	65.8	89.3	104,100
46	64.3	88.3	95,600
48	62.9	87.3	88,000
50	61.4	86.2	81,100
55	57.7	83.1	66,600
60	53.8	79.5	55,000
63	51.3	77.0	49,100

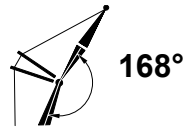
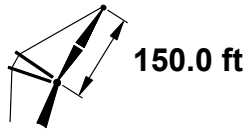
100.0 ft			
ft	o	ft	lb
20	82.7	107.1	303,500
22	81.5	106.8	296,000
24	80.3	106.4	287,600
26	79.2	106.0	263,700
28	78.0	105.5	242,200
30	76.8	105.0	213,200
32	75.6	104.5	189,500
34	74.4	103.9	169,700
36	73.2	103.3	153,000
38	72.0	102.6	138,700
40	70.8	101.9	126,200
42	69.6	101.1	115,400
44	68.3	100.3	105,800
46	67.1	99.4	97,200
48	65.8	98.5	89,600
50	64.6	97.5	82,700
55	61.3	94.8	68,200
60	57.9	91.7	56,600
65	54.4	88.2	47,000
69	51.5	85.1	40,600

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184,600 lb
+
44,000 lb



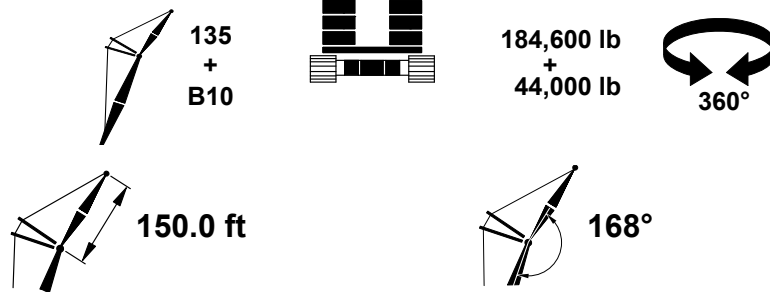
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	279,200
22	82.3	116.9	275,700
24	81.2	116.6	269,200
26	80.2	116.2	262,900
28	79.1	115.8	242,900
30	78.0	115.3	214,500
32	77.0	114.8	190,700
34	75.9	114.3	170,800
36	74.8	113.8	154,100
38	73.7	113.1	139,700
40	72.6	112.5	127,200
42	71.5	111.8	116,300
44	70.4	111.1	106,700
46	69.3	110.3	98,100
48	68.2	109.5	90,400
50	67.0	108.6	83,500
55	64.1	106.2	69,000
60	61.2	103.5	57,300
65	58.1	100.4	47,800
70	55.0	97.0	39,800
75	51.7	93.1	33,100

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	268,200
24	82.0	126.7	262,200
26	81.0	126.4	256,600
28	80.0	126.0	243,400
30	79.1	125.6	215,600
32	78.1	125.1	191,800
34	77.1	124.7	171,900
36	76.1	124.1	155,100
38	75.1	123.6	140,700
40	74.1	123.0	128,200
42	73.1	122.4	117,300
44	72.1	121.7	107,600
46	71.1	121.0	99,100
48	70.1	120.2	91,400
50	69.1	119.5	84,500
55	66.5	117.3	69,900
60	63.8	114.9	58,200
65	61.1	112.1	48,700
70	58.3	109.1	40,700
75	55.4	105.7	33,900
80	52.4	101.9	28,100
82	51.2	100.3	26,000

130.0 ft			
ft	o	ft	lb
24	82.6	136.8	246,800
26	81.7	136.5	239,000
28	80.8	136.2	231,400
30	79.9	135.8	216,600
32	79.0	135.4	192,700
34	78.1	134.9	172,800
36	77.2	134.5	155,900
38	76.3	133.9	141,500
40	75.4	133.4	128,900
42	74.5	132.8	118,000
44	73.5	132.2	108,300
46	72.6	131.6	99,700
48	71.7	130.9	92,000
50	70.7	130.2	85,100
55	68.4	128.2	70,500
60	66.0	126.0	58,800
65	63.5	123.5	49,200
70	61.0	120.8	41,300
75	58.4	117.8	34,500
80	55.8	114.4	28,700
85	53.0	110.7	23,000
88	51.3	108.3	19,900

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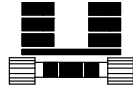
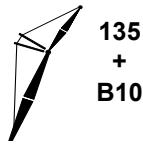
140.0 ft			
ft	o	ft	lb
25	82.7	146.8	236,300
26	82.3	146.6	232,500
28	81.5	146.3	225,100
30	80.6	146.0	217,300
32	79.8	145.6	193,400
34	79.0	145.2	173,500
36	78.1	144.7	156,600
38	77.3	144.3	142,200
40	76.5	143.8	129,600
42	75.6	143.2	118,700
44	74.8	142.7	109,000
46	73.9	142.1	100,400
48	73.0	141.4	92,700
50	72.2	140.8	85,700
55	70.0	139.0	71,100
60	67.8	137.0	59,400
65	65.6	134.7	49,800
70	63.3	132.2	41,800
75	60.9	129.5	35,100
80	58.5	126.4	29,300
85	56.1	123.1	23,500
90	53.5	119.5	18,400
94	51.5	116.3	14,800

150.0 ft			
ft	o	ft	lb
26	82.8	156.7	208,800
28	82.0	156.4	202,800
30	81.3	156.1	197,000
32	80.5	155.8	191,300
34	79.7	155.4	174,000
36	78.9	155.0	157,000
38	78.2	154.5	142,500
40	77.4	154.1	130,000
42	76.6	153.6	119,000
44	75.8	153.0	109,300
46	75.0	152.5	100,600
48	74.2	151.9	92,900
50	73.4	151.3	86,000
55	71.4	149.6	71,300
60	69.4	147.8	59,500
65	67.3	145.7	49,900
70	65.2	143.4	41,900
75	63.0	140.9	35,100
80	60.9	138.1	29,100
85	58.6	135.1	23,300
90	56.4	131.8	18,200
95	54.0	128.2	13,700
100	51.6	124.3	9,700
101	51.1	123.5	9,000

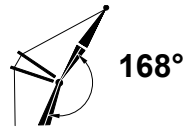
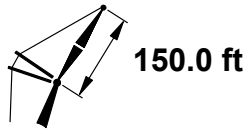
160.0 ft			
ft	o	ft	lb
27	82.9	166.7	197,000
28	82.5	166.5	194,100
30	81.8	166.2	188,500
32	81.1	165.9	183,000
34	80.4	165.6	174,400
36	79.6	165.2	157,500
38	78.9	164.8	142,900
40	78.2	164.3	130,300
42	77.4	163.9	119,300
44	76.7	163.4	109,600
46	76.0	162.9	101,000
48	75.2	162.3	93,200
50	74.5	161.7	86,300
55	72.6	160.2	71,600
60	70.7	158.5	59,800
65	68.8	156.5	50,200
70	66.8	154.4	42,200
75	64.9	152.1	35,400
80	62.9	149.5	29,100
85	60.8	146.8	23,400
90	58.7	143.8	18,300
95	56.6	140.5	13,800
100	54.4	137.0	9,800
105	52.1	133.1	6,200
107	51.2	131.5	4,900

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ASME B30.5



184,600 lb
+
44,000 lb



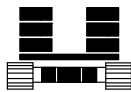
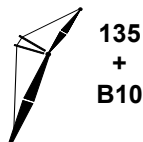
170.0 ft			
ft	o	ft	lb
28	83.0	176.6	181,000
30	82.3	176.4	176,300
32	81.6	176.0	171,700
34	80.9	175.7	167,100
36	80.3	175.4	157,800
38	79.6	175.0	143,200
40	78.9	174.6	130,600
42	78.2	174.1	119,600
44	77.5	173.7	109,800
46	76.8	173.2	101,200
48	76.1	172.7	93,400
50	75.4	172.1	86,500
55	73.7	170.7	71,700
60	71.9	169.1	60,000
65	70.1	167.3	50,300
70	68.3	165.3	42,300
75	66.4	163.1	35,500
80	64.6	160.8	29,000
85	62.7	158.2	23,200
90	60.8	155.4	18,200
95	58.8	152.4	13,700
100	56.8	149.2	9,700
105	54.7	145.7	6,100

180.0 ft			
ft	o	ft	lb
30	82.7	186.5	167,200
32	82.1	186.2	162,800
34	81.5	185.8	158,400
36	80.8	185.5	154,200
38	80.2	185.2	143,500
40	79.5	184.8	130,800
42	78.9	184.4	119,800
44	78.2	183.9	110,000
46	77.6	183.5	101,400
48	76.9	183.0	93,600
50	76.2	182.5	86,600
55	74.6	181.1	71,900
60	72.9	179.6	60,100
65	71.3	177.9	50,400
70	69.6	176.1	42,400
75	67.8	174.0	35,400
80	66.1	171.8	28,800
85	64.3	169.4	23,100
90	62.5	166.9	18,100
95	60.7	164.1	13,600
100	58.9	161.1	9,600
105	57.0	157.9	6,100

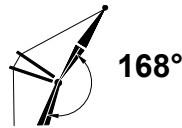
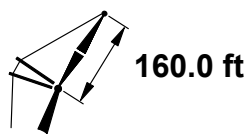
190.0 ft			
ft	o	ft	lb
31	82.8	196.4	118,000
32	82.5	196.3	118,000
34	81.9	196.0	118,000
36	81.3	195.7	118,000
38	80.7	195.3	118,000
40	80.1	194.9	118,000
42	79.5	194.6	118,000
44	78.8	194.2	110,800
46	78.2	193.7	102,200
48	77.6	193.3	94,400
50	77.0	192.8	87,400
55	75.4	191.5	72,600
60	73.9	190.1	60,800
65	72.3	188.5	51,100
70	70.7	186.7	43,000
75	69.1	184.8	35,900
80	67.4	182.8	29,300
85	65.8	180.5	23,600
90	64.1	178.1	18,600
95	62.4	175.5	14,100
100	60.7	172.7	10,200
105	58.9	169.8	6,600

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



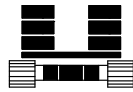
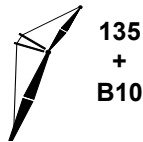
80.0 ft			
ft	°	ft	lb
17	83.0	87.3	352,100
18	82.3	87.2	347,100
19	81.5	87.0	342,200
20	80.8	86.8	337,400
22	79.4	86.4	311,800
24	77.9	85.9	283,800
26	76.4	85.4	259,800
28	74.9	84.8	234,500
30	73.4	84.2	205,800
32	71.9	83.5	182,300
34	70.4	82.8	162,800
36	68.8	82.0	146,200
38	67.3	81.1	132,000
40	65.7	80.2	119,700
42	64.1	79.2	109,000
44	62.5	78.1	99,500
46	60.8	76.9	91,000
48	59.1	75.7	83,500
50	57.4	74.4	76,700
55	53.0	70.7	62,300
57	51.1	69.0	57,400

90.0 ft			
ft	°	ft	lb
19	82.5	97.1	313,800
20	81.8	97.0	309,500
22	80.6	96.6	301,300
24	79.3	96.2	284,400
26	77.9	95.7	260,400
28	76.6	95.2	236,800
30	75.3	94.7	208,000
32	74.0	94.1	184,500
34	72.6	93.4	164,800
36	71.3	92.7	148,200
38	69.9	91.9	134,000
40	68.6	91.1	121,600
42	67.2	90.3	110,800
44	65.8	89.3	101,300
46	64.3	88.3	92,800
48	62.9	87.3	85,200
50	61.4	86.2	78,400
55	57.7	83.1	64,000
60	53.8	79.5	52,400
63	51.3	77.0	46,600

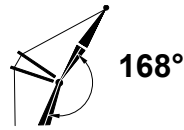
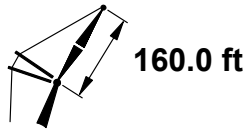
100.0 ft			
ft	°	ft	lb
20	82.7	107.1	300,200
22	81.5	106.8	292,700
24	80.3	106.4	285,300
26	79.2	106.0	261,300
28	78.0	105.5	238,800
30	76.8	105.0	210,000
32	75.6	104.5	186,400
34	74.4	103.9	166,700
36	73.2	103.3	150,100
38	72.0	102.6	135,800
40	70.8	101.9	123,500
42	69.6	101.1	112,600
44	68.3	100.3	103,100
46	67.1	99.4	94,600
48	65.8	98.5	87,000
50	64.6	97.5	80,200
55	61.3	94.8	65,700
60	57.9	91.7	54,200
65	54.4	88.2	44,700
69	51.5	85.1	38,300

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



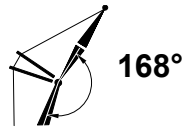
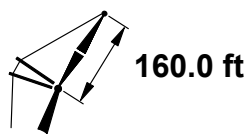
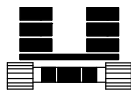
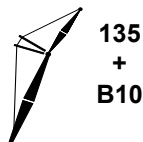
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	276,200
22	82.3	116.9	272,800
24	81.2	116.6	266,100
26	80.2	116.2	259,800
28	79.1	115.8	240,300
30	78.0	115.3	211,400
32	77.0	114.8	187,700
34	75.9	114.3	168,000
36	74.8	113.8	151,300
38	73.7	113.1	137,000
40	72.6	112.5	124,600
42	71.5	111.8	113,700
44	70.4	111.1	104,100
46	69.3	110.3	95,600
48	68.2	109.5	88,000
50	67.0	108.6	81,100
55	64.1	106.2	66,600
60	61.2	103.5	55,000
65	58.1	100.4	45,500
70	55.0	97.0	37,600
75	51.7	93.1	30,900

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	265,400
24	82.0	126.7	259,500
26	81.0	126.4	253,800
28	80.0	126.0	241,200
30	79.1	125.6	212,700
32	78.1	125.1	188,900
34	77.1	124.7	169,200
36	76.1	124.1	152,400
38	75.1	123.6	138,100
40	74.1	123.0	125,700
42	73.1	122.4	114,800
44	72.1	121.7	105,200
46	71.1	121.0	96,700
48	70.1	120.2	89,000
50	69.1	119.5	82,100
55	66.5	117.3	67,600
60	63.8	114.9	56,000
65	61.1	112.1	46,500
70	58.3	109.1	38,600
75	55.4	105.7	31,900
80	52.4	101.9	25,700
82	51.2	100.3	23,300

130.0 ft			
ft	o	ft	lb
24	82.6	136.8	244,700
26	81.7	136.5	236,800
28	80.8	136.2	229,200
30	79.9	135.8	213,700
32	79.0	135.4	189,900
34	78.1	134.9	170,100
36	77.2	134.5	153,300
38	76.3	133.9	138,900
40	75.4	133.4	126,500
42	74.5	132.8	115,600
44	73.5	132.2	106,000
46	72.6	131.6	97,400
48	71.7	130.9	89,800
50	70.7	130.2	82,900
55	68.4	128.2	68,300
60	66.0	126.0	56,700
65	63.5	123.5	47,200
70	61.0	120.8	39,200
75	58.4	117.8	32,500
80	55.8	114.4	26,200
85	53.0	110.7	20,500
88	51.3	108.3	17,400

MLC250 S-2

ASME B30.5



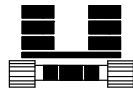
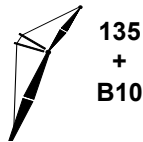
140.0 ft			
ft	o	ft	lb
25	82.7	146.8	234,100
26	82.3	146.6	230,300
28	81.5	146.3	222,800
30	80.6	146.0	214,500
32	79.8	145.6	190,700
34	79.0	145.2	170,900
36	78.1	144.7	154,100
38	77.3	144.3	139,700
40	76.5	143.8	127,200
42	75.6	143.2	116,300
44	74.8	142.7	106,700
46	73.9	142.1	98,100
48	73.0	141.4	90,500
50	72.2	140.8	83,600
55	70.0	139.0	69,000
60	67.8	137.0	57,400
65	65.6	134.7	47,800
70	63.3	132.2	39,900
75	60.9	129.5	33,100
80	58.5	126.4	26,800
85	56.1	123.1	21,100
90	53.5	119.5	16,000
94	51.5	116.3	12,400

150.0 ft			
ft	o	ft	lb
26	82.8	156.7	206,800
28	82.0	156.4	200,800
30	81.3	156.1	194,900
32	80.5	155.8	189,300
34	79.7	155.4	171,400
36	78.9	155.0	154,600
38	78.2	154.5	140,100
40	77.4	154.1	127,600
42	76.6	153.6	116,700
44	75.8	153.0	107,000
46	75.0	152.5	98,400
48	74.2	151.9	90,800
50	73.4	151.3	83,800
55	71.4	149.6	69,200
60	69.4	147.8	57,600
65	67.3	145.7	48,000
70	65.2	143.4	40,000
75	63.0	140.9	33,200
80	60.9	138.1	26,700
85	58.6	135.1	20,900
90	56.4	131.8	15,900
95	54.0	128.2	11,400
100	51.6	124.3	7,400
101	51.1	123.5	6,700

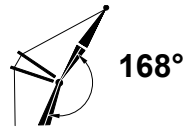
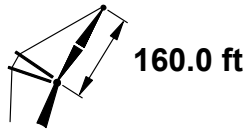
160.0 ft			
ft	o	ft	lb
27	82.9	166.7	194,900
28	82.5	166.5	192,000
30	81.8	166.2	186,400
32	81.1	165.9	180,900
34	80.4	165.6	171,900
36	79.6	165.2	155,000
38	78.9	164.8	140,600
40	78.2	164.3	128,100
42	77.4	163.9	117,100
44	76.7	163.4	107,400
46	76.0	162.9	98,800
48	75.2	162.3	91,100
50	74.5	161.7	84,200
55	72.6	160.2	69,600
60	70.7	158.5	57,900
65	68.8	156.5	48,300
70	66.8	154.4	40,300
75	64.9	152.1	33,300
80	62.9	149.5	26,800
85	60.8	146.8	21,100
90	58.7	143.8	16,000
95	56.6	140.5	11,600
100	54.4	137.0	7,600
105	52.1	133.1	4,000

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ASME B30.5



184,600 lb
+
44,000 lb



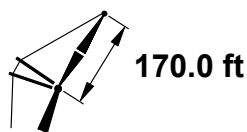
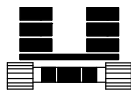
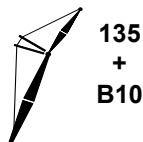
170.0 ft			
ft	o	ft	lb
28	83.0	176.6	179,000
30	82.3	176.4	174,200
32	81.6	176.0	169,600
34	80.9	175.7	165,000
36	80.3	175.4	155,400
38	79.6	175.0	140,900
40	78.9	174.6	128,400
42	78.2	174.1	117,400
44	77.5	173.7	107,700
46	76.8	173.2	99,100
48	76.1	172.7	91,400
50	75.4	172.1	84,400
55	73.7	170.7	69,800
60	71.9	169.1	58,100
65	70.1	167.3	48,500
70	68.3	165.3	40,500
75	66.4	163.1	33,200
80	64.6	160.8	26,700
85	62.7	158.2	21,000
90	60.8	155.4	16,000
95	58.8	152.4	11,500
100	56.8	149.2	7,500
105	54.7	145.7	4,000

180.0 ft			
ft	o	ft	lb
30	82.7	186.5	165,300
32	82.1	186.2	160,800
34	81.5	185.8	156,400
36	80.8	185.5	152,200
38	80.2	185.2	141,200
40	79.5	184.8	128,700
42	78.9	184.4	117,700
44	78.2	183.9	107,900
46	77.6	183.5	99,300
48	76.9	183.0	91,600
50	76.2	182.5	84,700
55	74.6	181.1	70,000
60	72.9	179.6	58,200
65	71.3	177.9	48,600
70	69.6	176.1	40,600
75	67.8	174.0	33,100
80	66.1	171.8	26,600
85	64.3	169.4	20,900
90	62.5	166.9	15,900
95	60.7	164.1	11,500
100	58.9	161.1	7,500

190.0 ft			
ft	o	ft	lb
31	82.8	196.4	118,000
32	82.5	196.3	118,000
34	81.9	196.0	118,000
36	81.3	195.7	118,000
38	80.7	195.3	118,000
40	80.1	194.9	118,000
42	79.5	194.6	118,000
44	78.8	194.2	108,800
46	78.2	193.7	100,100
48	77.6	193.3	92,400
50	77.0	192.8	85,400
55	75.4	191.5	70,700
60	73.9	190.1	59,000
65	72.3	188.5	49,300
70	70.7	186.7	41,100
75	69.1	184.8	33,600
80	67.4	182.8	27,100
85	65.8	180.5	21,400
90	64.1	178.1	16,500
95	62.4	175.5	12,000
100	60.7	172.7	8,100
105	58.9	169.8	4,500

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ASME B30.5



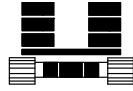
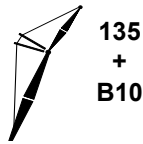
80.0 ft			
ft	o	ft	lb
17	83.0	87.3	349,200
18	82.3	87.2	344,100
19	81.5	87.0	339,200
20	80.8	86.8	334,400
22	79.4	86.4	309,500
24	77.9	85.9	281,500
26	76.4	85.4	257,500
28	74.9	84.8	231,000
30	73.4	84.2	202,500
32	71.9	83.5	179,100
34	70.4	82.8	159,700
36	68.8	82.0	143,300
38	67.3	81.1	129,200
40	65.7	80.2	116,900
42	64.1	79.2	106,200
44	62.5	78.1	96,800
46	60.8	76.9	88,400
48	59.1	75.7	80,900
50	57.4	74.4	74,100
55	53.0	70.7	59,800
57	51.1	69.0	55,000

90.0 ft			
ft	o	ft	lb
19	82.5	97.1	311,100
20	81.8	97.0	306,900
22	80.6	96.6	298,500
24	79.3	96.2	282,100
26	77.9	95.7	258,200
28	76.6	95.2	233,500
30	75.3	94.7	204,900
32	74.0	94.1	181,500
34	72.6	93.4	161,900
36	71.3	92.7	145,400
38	69.9	91.9	131,300
40	68.6	91.1	119,000
42	67.2	90.3	108,300
44	65.8	89.3	98,800
46	64.3	88.3	90,400
48	62.9	87.3	82,800
50	61.4	86.2	76,000
55	57.7	83.1	61,700
60	53.8	79.5	50,200
63	51.3	77.0	44,400

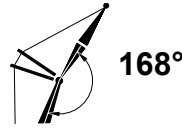
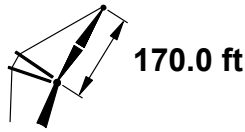
100.0 ft			
ft	o	ft	lb
20	82.7	107.1	297,700
22	81.5	106.8	290,000
24	80.3	106.4	282,800
26	79.2	106.0	259,200
28	78.0	105.5	235,700
30	76.8	105.0	207,000
32	75.6	104.5	183,500
34	74.4	103.9	164,000
36	73.2	103.3	147,400
38	72.0	102.6	133,300
40	70.8	101.9	121,000
42	69.6	101.1	110,200
44	68.3	100.3	100,700
46	67.1	99.4	92,300
48	65.8	98.5	84,700
50	64.6	97.5	77,900
55	61.3	94.8	63,600
60	57.9	91.7	52,100
65	54.4	88.2	42,700
69	51.5	85.1	36,300

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ASME B30.5



184,600 lb
+
44,000 lb



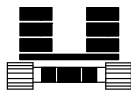
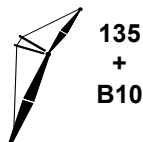
110.0 ft			
ft	o	ft	lb
21	82.8	117.0	273,900
22	82.3	116.9	270,400
24	81.2	116.6	263,700
26	80.2	116.2	257,400
28	79.1	115.8	237,300
30	78.0	115.3	208,500
32	77.0	114.8	185,000
34	75.9	114.3	165,300
36	74.8	113.8	148,700
38	73.7	113.1	134,500
40	72.6	112.5	122,200
42	71.5	111.8	111,400
44	70.4	111.1	101,800
46	69.3	110.3	93,400
48	68.2	109.5	85,800
50	67.0	108.6	79,000
55	64.1	106.2	64,600
60	61.2	103.5	53,000
65	58.1	100.4	43,600
70	55.0	97.0	35,700
75	51.7	93.1	29,000

120.0 ft			
ft	o	ft	lb
22	82.9	127.0	263,300
24	82.0	126.7	257,300
26	81.0	126.4	251,600
28	80.0	126.0	238,700
30	79.1	125.6	209,900
32	78.1	125.1	186,300
34	77.1	124.7	166,600
36	76.1	124.1	150,000
38	75.1	123.6	135,700
40	74.1	123.0	123,400
42	73.1	122.4	112,500
44	72.1	121.7	103,000
46	71.1	121.0	94,500
48	70.1	120.2	86,900
50	69.1	119.5	80,100
55	66.5	117.3	65,700
60	63.8	114.9	54,100
65	61.1	112.1	44,700
70	58.3	109.1	36,800
75	55.4	105.7	30,000
80	52.4	101.9	23,400
82	51.2	100.3	21,000

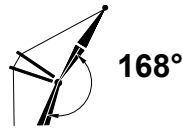
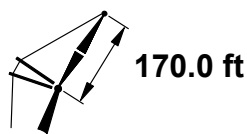
130.0 ft			
ft	o	ft	lb
24	82.6	136.8	243,100
26	81.7	136.5	235,200
28	80.8	136.2	227,700
30	79.9	135.8	211,000
32	79.0	135.4	187,300
34	78.1	134.9	167,600
36	77.2	134.5	150,900
38	76.3	133.9	136,600
40	75.4	133.4	124,300
42	74.5	132.8	113,400
44	73.5	132.2	103,900
46	72.6	131.6	95,300
48	71.7	130.9	87,700
50	70.7	130.2	80,900
55	68.4	128.2	66,400
60	66.0	126.0	54,900
65	63.5	123.5	45,400
70	61.0	120.8	37,500
75	58.4	117.8	30,600
80	55.8	114.4	24,100
85	53.0	110.7	18,300
88	51.3	108.3	15,200

MLC250 S-2

ASME B30.5



184,600 lb
+
44,000 lb



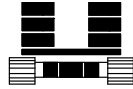
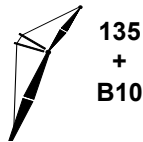
140.0 ft			
ft	o	ft	lb
25	82.7	146.8	232,500
26	82.3	146.6	228,600
28	81.5	146.3	221,200
30	80.6	146.0	211,900
32	79.8	145.6	188,200
34	79.0	145.2	168,500
36	78.1	144.7	151,800
38	77.3	144.3	137,500
40	76.5	143.8	125,100
42	75.6	143.2	114,200
44	74.8	142.7	104,600
46	73.9	142.1	96,100
48	73.0	141.4	88,500
50	72.2	140.8	81,600
55	70.0	139.0	67,200
60	67.8	137.0	55,600
65	65.6	134.7	46,100
70	63.3	132.2	38,200
75	60.9	129.5	31,200
80	58.5	126.4	24,700
85	56.1	123.1	19,000
90	53.5	119.5	14,000
94	51.5	116.3	10,400

150.0 ft			
ft	o	ft	lb
26	82.8	156.7	205,200
28	82.0	156.4	199,100
30	81.3	156.1	193,300
32	80.5	155.8	187,600
34	79.7	155.4	169,100
36	78.9	155.0	152,300
38	78.2	154.5	138,000
40	77.4	154.1	125,500
42	76.6	153.6	114,700
44	75.8	153.0	105,000
46	75.0	152.5	96,500
48	74.2	151.9	88,900
50	73.4	151.3	82,000
55	71.4	149.6	67,500
60	69.4	147.8	55,800
65	67.3	145.7	46,300
70	65.2	143.4	38,400
75	63.0	140.9	31,100
80	60.9	138.1	24,600
85	58.6	135.1	18,900
90	56.4	131.8	13,900
95	54.0	128.2	9,500
100	51.6	124.3	5,500
101	51.1	123.5	4,800

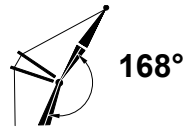
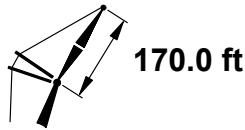
160.0 ft			
ft	o	ft	lb
27	82.9	166.7	193,300
28	82.5	166.5	190,500
30	81.8	166.2	184,800
32	81.1	165.9	179,200
34	80.4	165.6	169,600
36	79.6	165.2	152,900
38	78.9	164.8	138,500
40	78.2	164.3	126,000
42	77.4	163.9	115,100
44	76.7	163.4	105,500
46	76.0	162.9	96,900
48	75.2	162.3	89,300
50	74.5	161.7	82,400
55	72.6	160.2	67,900
60	70.7	158.5	56,200
65	68.8	156.5	46,700
70	66.8	154.4	38,800
75	64.9	152.1	31,300
80	62.9	149.5	24,800
85	60.8	146.8	19,100
90	58.7	143.8	14,100
95	56.6	140.5	9,700
100	54.4	137.0	5,700

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ASME B30.5



184,600 lb
+
44,000 lb



170.0 ft			
ft	o	ft	lb
28	83.0	176.6	177,400
30	82.3	176.4	172,700
32	81.6	176.0	168,100
34	80.9	175.7	163,500
36	80.3	175.4	153,300
38	79.6	175.0	138,900
40	78.9	174.6	126,400
42	78.2	174.1	115,500
44	77.5	173.7	105,800
46	76.8	173.2	97,300
48	76.1	172.7	89,600
50	75.4	172.1	82,700
55	73.7	170.7	68,100
60	71.9	169.1	56,500
65	70.1	167.3	46,900
70	68.3	165.3	38,700
75	66.4	163.1	31,200
80	64.6	160.8	24,800
85	62.7	158.2	19,100
90	60.8	155.4	14,100
95	58.8	152.4	9,700
100	56.8	149.2	5,700

180.0 ft			
ft	o	ft	lb
30	82.7	186.5	163,700
32	82.1	186.2	159,300
34	81.5	185.8	154,900
36	80.8	185.5	150,600
38	80.2	185.2	139,200
40	79.5	184.8	126,700
42	78.9	184.4	115,800
44	78.2	183.9	106,100
46	77.6	183.5	97,500
48	76.9	183.0	89,800
50	76.2	182.5	82,900
55	74.6	181.1	68,300
60	72.9	179.6	56,700
65	71.3	177.9	47,100
70	69.6	176.1	38,700
75	67.8	174.0	31,200
80	66.1	171.8	24,700
85	64.3	169.4	19,100
90	62.5	166.9	14,100
95	60.7	164.1	9,700
100	58.9	161.1	5,700

190.0 ft			
ft	o	ft	lb
31	82.8	196.4	118,000
32	82.5	196.3	118,000
34	81.9	196.0	118,000
36	81.3	195.7	118,000
38	80.7	195.3	118,000
40	80.1	194.9	118,000
42	79.5	194.6	116,700
44	78.8	194.2	107,000
46	78.2	193.7	98,400
48	77.6	193.3	90,700
50	77.0	192.8	83,700
55	75.4	191.5	69,100
60	73.9	190.1	57,400
65	72.3	188.5	47,800
70	70.7	186.7	39,200
75	69.1	184.8	31,700
80	67.4	182.8	25,300
85	65.8	180.5	19,600
90	64.1	178.1	14,700
95	62.4	175.5	10,300
100	60.7	172.7	6,400