

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 on

Boom No. B10:76A

149,600 lb Crane Counterweight

60,400 lb Carbody Counterweight

360 Degree Rating

MLC200 SERIES 2



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

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

LUFFING JIB BACKWARD STABILITY: Capacities indicated by (b) require 2,500 lb minimum weight suspended beneath luffing jib point. Capacities indicated by (c) require 6,000 lb minimum weight suspended beneath luffing jib point. Capacities indicated by (d) require 11,000 lb minimum weight suspended beneath luffing jib point. **Caution: Do not luff into areas indicated by (b), (c), or (d) without required minimum weights. Luffing jib may not luff down and luffing jib hoist wire rope may go slack. Luffing jib hoist wire rope may overhaul jib and cause wire rope damage or failure.**

OPERATING CONDITIONS: Machine to operate on a firm, level, and uniformly supporting surface. Supporting surface and bearing turntable are to be level within a tolerance of 1/2 in. in 10 ft. Refer to Boom Rigging **No. 80149429**, Luffing Jib Rigging **No. 80149433**, Wire Rope Specification chart **No. A030-A**, Counterweight Arrangements chart **No. A004-A**, Luffing Jib Raising Procedure chart **No. A032-A**, and Wind Conditions chart **No. A031-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. A033-A**.



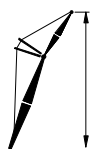
OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle and luffing jib angle are an indication of operating radius. In all cases, operating radius shall govern capacity.



BOOM ANGLE: Boom angle in degrees (°) is angle between horizontal and centerline of boom butt and inserts.



LUFFING JIB ANGLE: Luffing jib angle in degrees (°) is angle between horizontal and centerline of luffing jib butt and inserts.



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

MACHINE EQUIPMENT: Machine equipped with 27 ft 2 in. crawlers, 48 in. treads, 10 ft 3 in. retractable gantry, 27 ft live mast, 20 part boom hoist reeving, boom support straps, 8 part luffing jib hoist reeving, two 1-1/2 in. luffing jib pendants and backstays.

Explanation of Symbols



Luffing Jib No. 135
+
Boom No. B10:76A



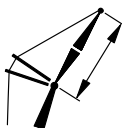
Crane Counterweight
+
Carbody Counterweight



360 Degree Rating



Boom Length



Luffing Jib Length



Boom Angle
(see page 1)



Operating Radius
(see page 1)



Luffing Jib Angle
(see page 1)



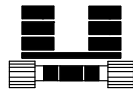
Luffing Jib Point Elevation
(see page 1)



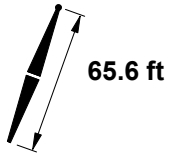
Lifting Capacities
(see page 1)

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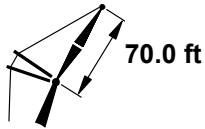
REFERENCE ONLY!



149,600 lb
+
60,400 lb

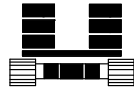


65.6 ft

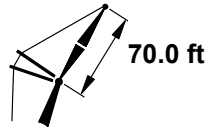
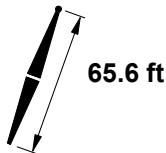


70.0 ft

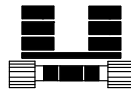
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
29	74.8	140.9	118,100 d							29
30	74.0	140.7	118,100 c							30
35	69.7	139.0	114,600 c							35
39	66.1	137.4	109,700 c	70.2	138.7	115,800 c				39
40	65.2	136.9	108,400 b	69.3	138.3	114,500 c				40
45	60.6	134.4	103,000 b	64.8	136.2	108,400 b	67.9	137.0	112,600 b	45
50	55.8	131.3	98,300	60.2	133.6	103,100 b	63.4	134.8	106,300 b	50
55	50.7	127.6	94,200	55.4	130.4	95,700	58.7	132.0	94,100	55
56	49.6	126.7	92,900	54.4	129.7	93,700	57.7	131.3	92,100	56
60	45.2	123.1	87,700	50.2	126.6	85,800	53.8	128.7	84,300	60
65	39.1	117.5	78,400	44.7	122.0	77,600	48.5	124.6	76,200	65
67	36.3	114.7	75,300	42.2	119.8	74,800	46.2	122.7	73,500	67
70	32.1	110.5	70,700	38.5	116.4	70,700	42.8	119.7	69,500	70
75	23.2	101.0	61,300	31.4	109.3	64,900	36.3	113.7	63,800	75
77	17.1	93.8	54,900	27.7	105.3	62,800	33.3	110.5	61,800	77
80	8.0	83.1	45,400	22.3	99.4	59,800	28.7	105.8	58,800	80
85				4.6	78.5	45,300	18.5	94.4	54,500	85
88							7.6	81.4	49,500	88
90										90
94										94
95										95
99										99
100										100
104										104



149,600 lb
+
60,400 lb



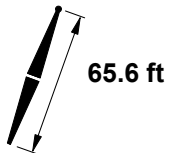
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
29										29
30										30
35										35
39										39
40										40
45										45
50										50
55										55
56	62.9	133.1	89,200 b							56
60	59.2	130.9	81,800							60
65	54.3	127.6	74,000							65
67	52.2	126.0	71,400	57.7	128.0	69,100				67
70	49.1	123.7	67,400	54.7	126.0	65,400				70
75	43.4	118.9	61,900	49.5	122.1	60,000				75
77	40.9	116.5	60,000	47.3	120.2	58,200	52.9	122.3	56,300	77
80	37.1	113.0	57,100	43.9	117.4	55,400	49.8	119.9	53,700	80
85	29.6	105.4	52,900	37.6	111.6	51,400	44.1	115.2	49,800	85
88	23.8	98.9	50,700	33.2	107.1	49,200	40.4	111.8	47,700	88
90	19.8	94.5	49,200	30.3	104.2	47,800	37.9	109.5	46,400	90
94	3.8	75.4	46,400	22.7	95.8	45,200	32.1	103.6	43,900	94
95				20.8	93.7	44,600	30.6	102.2	43,300	95
99				7.2	77.7	42,200	23.1	93.9	41,100	99
100							21.3	91.9	40,500	100
104							8.5	76.8	38,400	104



149,600 lb
+
60,400 lb



360°

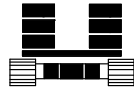


65.6 ft

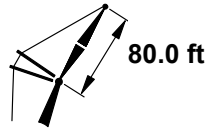
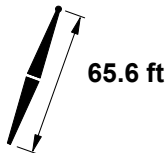


80.0 ft

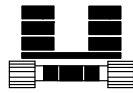
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
32	74.5	150.5	108,200 c							32
35	72.3	149.6	106,100 c							35
40	68.5	147.8	100,400 b							40
42	66.9	146.9	98,400 b	70.5	148.2	103,600 b				42
45	64.6	145.6	95,300 b	68.2	147.1	100,400 b				45
49	61.4	143.6	91,600 b	65.0	145.3	96,400 b	67.7	146.2	99,800 b	49
50	60.6	143.0	90,700	64.2	144.9	95,400	66.9	145.8	98,800 b	50
55	56.4	140.0	86,600	60.2	142.2	90,900	62.9	143.4	93,800	55
60	51.9	136.4	82,900	56.0	139.1	85,600	58.8	140.7	84,000	60
61	51.0	135.5	82,000	55.1	138.4	83,900	58.0	140.0	82,400	61
65	47.2	132.1	78,700	51.5	135.5	77,400	54.6	137.4	76,000	65
70	42.1	127.1	71,000	46.8	131.1	70,500	50.0	133.5	69,300	70
72	39.9	124.6	68,400	44.7	129.1	68,200	48.1	131.7	67,000	72
75	36.5	120.9	64,500	41.7	126.0	64,700	45.2	128.9	63,600	75
80	29.9	113.3	59,000	35.9	119.8	59,700	39.9	123.5	58,700	80
83	25.0	107.1	54,600	32.0	115.1	57,100	36.3	119.5	56,100	83
85	21.7	103.0	51,800	29.3	112.0	55,400	33.9	116.8	54,400	85
90	7.5	83.8	39,000	20.8	101.3	51,500	26.8	108.3	50,600	90
95				4.3	78.9	39,100	17.3	96.0	47,300	95
98							7.1	82.0	42,700	98
100										100
104										104
105										105
109										109
110										110
114										114



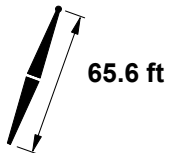
149,600 lb
+
60,400 lb



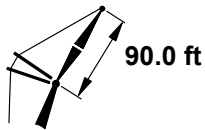
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
32										32
35										35
40										40
42										42
45										45
49										49
50										50
55										55
60										60
61	62.6	141.8	79,800							61
65	59.3	139.6	73,700							65
70	55.0	136.3	67,200							70
72	53.2	134.8	65,000	58.0	136.7	62,800				72
75	50.5	132.5	61,600	55.4	134.7	59,700				75
80	45.7	128.1	56,900	50.9	131.0	55,100				80
83	42.6	124.8	54,400	48.0	128.3	52,700	52.9	130.3	51,000	83
85	40.5	122.7	52,700	46.1	126.5	51,100	51.1	128.8	49,500	85
90	34.6	116.2	49,100	40.9	121.3	47,600	46.3	124.4	46,100	90
95	27.7	107.9	45,900	35.1	114.9	44,500	41.2	119.1	43,100	95
98	22.2	100.9	44,100	31.0	110.0	42,800	37.7	115.3	41,400	98
100	18.5	96.2	42,900	28.3	106.8	41,700	35.4	112.8	40,400	100
104	3.6	75.7	40,700	21.2	97.7	39,600	30.0	106.4	38,400	104
105				19.4	95.5	39,100	28.6	104.8	37,900	105
109				6.8	78.3	37,200	21.6	95.9	36,100	109
110							19.9	93.7	35,700	110
114							7.9	77.5	34,000	114



149,600 lb
+
60,400 lb

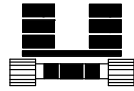


65.6 ft

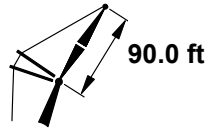
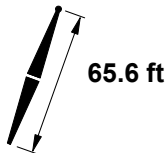


90.0 ft

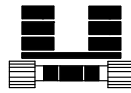
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
34	75.0	160.3	94,000 c							34
35	74.3	160.0	92,900 c							35
40	71.0	158.5	88,100 b							40
45	67.6	156.6	83,700 b	70.7	157.8	88,000 b				45
50	64.1	154.3	79,700	67.3	155.8	83,800				50
53	61.9	152.8	77,600	65.2	154.5	81,500	67.5	155.4	84,200 b	53
55	60.5	151.7	76,100	63.8	153.6	79,900	66.2	154.5	82,600	55
60	56.8	148.7	72,700	60.2	150.9	76,300	62.6	152.1	78,900	60
65	52.9	145.1	69,800	56.4	147.8	73,000	59.0	149.3	75,400	65
66	52.1	144.3	69,200	55.6	147.1	72,400	58.2	148.7	74,100	66
70	48.8	141.1	67,000	52.5	144.2	70,000	55.2	146.1	69,100	70
75	44.4	136.3	64,500	48.4	140.1	64,600	51.2	142.3	63,500	75
78	41.5	133.0	61,700	45.7	137.2	61,700	48.7	139.7	60,500	78
80	39.6	130.8	59,800	44.0	135.3	59,700	47.0	138.0	58,600	80
85	34.3	124.1	54,900	39.2	129.7	55,300	42.5	133.0	54,300	85
89	29.4	117.5	51,500	34.9	124.3	52,300	38.5	128.2	51,300	89
90	28.2	115.9	50,700	33.8	122.9	51,500	37.5	127.0	50,600	90
95	20.5	104.8	44,800	27.6	114.5	48,200	31.9	119.8	47,300	95
100	7.0	84.4	34,200	19.6	103.1	45,100	25.3	110.6	44,300	100
105				4.1	79.2	34,400	16.3	97.4	41,600	105
108							6.7	82.6	37,600	108
110										110
114										114
115										115
119										119
120										120
124										124



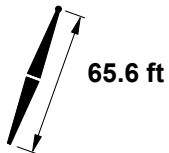
149,600 lb
+
60,400 lb



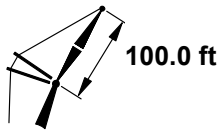
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
34										34
35										35
40										40
45										45
50										50
53										53
55										55
60										60
65										65
66	62.3	150.4	72,100							66
70	59.4	148.2	67,000							70
75	55.6	145.0	61,500							75
78	53.2	142.8	58,600	57.4	144.7	56,700				78
80	51.7	141.3	56,700	55.9	143.4	54,900				80
85	47.5	137.1	52,600	52.0	139.8	50,900				85
89	43.9	133.1	49,700	48.6	136.4	48,100	53.0	138.3	46,600	89
90	43.0	132.1	49,000	47.8	135.5	47,400	52.1	137.5	45,900	90
95	38.1	126.3	45,800	43.4	130.6	44,300	48.0	133.4	42,900	95
100	32.6	119.2	42,900	38.5	124.9	41,600	43.6	128.5	40,200	100
105	26.1	110.3	40,400	33.0	117.9	39,100	38.7	122.8	37,800	105
108	20.9	102.8	38,900	29.2	112.7	37,700	35.5	118.6	36,500	108
110	17.5	97.8	38,000	26.6	109.2	36,800	33.3	115.9	35,600	110
114	3.4	76.0	36,200	20.0	99.5	35,200	28.2	109.0	34,000	114
115				18.3	97.1	34,700	26.9	107.3	33,600	115
119				6.4	78.8	33,100	20.4	97.8	32,200	119
120							18.7	95.4	31,800	120
124							7.5	78.2	30,400	124



149,600 lb
+
60,400 lb

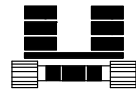


65.6 ft

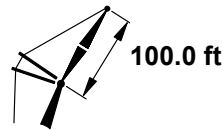
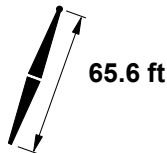


100.0 ft

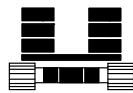
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
37	74.7	169.9	85,300 b							37
40	73.0	169.0	82,600 b							40
45	69.9	167.3	78,400							45
48	68.1	166.1	76,100	70.9	167.3	79,900 b				48
50	66.9	165.3	74,600	69.7	166.6	78,300				50
55	63.7	163.0	71,000	66.6	164.6	74,600				55
57	62.4	162.0	69,600	65.3	163.6	73,200	67.4	164.5	75,600	57
60	60.5	160.4	67,600	63.4	162.2	71,100	65.6	163.2	73,500	60
65	57.1	157.3	64,600	60.2	159.6	67,800	62.4	160.8	70,100	65
70	53.6	153.9	61,800	56.8	156.5	64,800	59.1	158.0	66,900	70
75	50.0	149.9	59,100	53.3	153.0	62,000	55.7	154.8	63,200	75
80	46.1	145.5	56,800	49.6	149.0	59,400	52.1	151.1	58,300	80
83	43.6	142.3	55,400	47.3	146.3	56,800	49.9	148.6	55,800	83
85	42.0	140.3	54,600	45.8	144.5	55,100	48.4	147.0	54,100	85
90	37.5	134.3	50,800	41.6	139.2	51,300	44.4	142.2	50,400	90
95	32.5	127.1	47,000	37.1	133.1	48,000	40.2	136.7	47,100	95
100	26.7	118.3	43,700	32.0	125.9	45,000	35.5	130.3	44,100	100
105	19.4	106.6	38,800	26.1	116.9	42,300	30.2	122.6	41,500	105
110	6.7	85.0	30,000	18.6	104.7	39,800	24.0	112.8	39,100	110
115				3.9	79.6	30,200	15.4	98.8	36,900	115
118							6.3	83.2	33,000	118
120										120
124										124
125										125
129										129
130										130
134										134



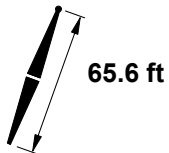
149,600 lb
+
60,400 lb



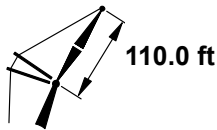
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
37										37
40										40
45										45
48										48
50										50
55										55
57										57
60										60
65										65
70	62.7	159.6	66,700							70
75	59.4	156.9	61,200							75
80	56.1	153.7	56,400							80
83	53.9	151.6	54,000	57.7	153.4	52,200				83
85	52.5	150.1	52,300	56.3	152.1	50,600				85
90	48.8	146.0	48,700	52.8	148.5	47,100				90
95	44.9	141.3	45,500	49.1	144.5	44,000	53.0	146.3	42,600	95
100	40.7	135.9	42,700	45.2	139.8	41,300	49.3	142.3	39,900	100
105	36.1	129.6	40,100	41.0	134.5	38,800	45.4	137.7	37,500	105
110	30.9	122.1	37,800	36.4	128.3	36,600	41.2	132.4	35,300	110
115	24.7	112.6	35,700	31.3	120.8	34,500	36.7	126.2	33,400	115
118	19.8	104.6	34,600	27.7	115.2	33,400	33.6	121.7	32,300	118
120	16.6	99.3	33,800	25.3	111.5	32,700	31.5	118.8	31,600	120
124	3.2	76.3	32,200	18.9	101.3	31,300	26.7	111.4	30,300	124
125				17.4	98.7	30,900	25.5	109.6	29,900	125
129				6.0	79.4	29,600	19.3	99.5	28,700	129
130							17.8	97.0	28,400	130
134							7.1	78.9	27,200	134



149,600 lb
+
60,400 lb

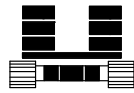


65.6 ft

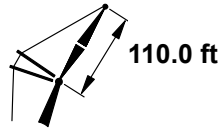
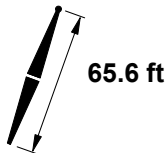


110.0 ft

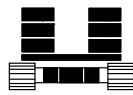
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
40	74.5	179.4	77,000 b							40
45	71.8	177.9	73,600 b							45
50	69.1	176.1	70,500							50
52	67.9	175.3	69,300	70.5	176.5	72,300				52
55	66.2	174.1	67,500	68.8	175.4	70,500				55
60	63.4	171.7	64,800	66.0	173.3	67,600	67.9	174.1	69,500	60
65	60.4	169.0	62,200	63.1	170.9	64,900	65.1	171.9	66,800	65
70	57.4	166.0	59,600	60.1	168.2	62,300	62.2	169.5	64,200	70
75	54.2	162.6	57,100	57.1	165.2	59,800	59.2	166.6	61,600	75
80	50.9	158.8	54,900	53.9	161.7	57,300	56.1	163.5	58,300	80
85	47.5	154.5	52,700	50.6	157.9	55,000	52.9	159.9	54,000	85
88	45.3	151.5	51,600	48.6	155.2	52,800	50.9	157.5	51,800	88
90	43.9	149.6	50,800	47.2	153.5	51,300	49.5	155.9	50,300	90
95	40.0	144.0	47,200	43.5	148.6	48,000	46.0	151.3	47,100	95
100	35.7	137.6	43,900	39.6	142.9	45,000	42.3	146.2	44,100	100
101	34.8	136.1	43,300	38.7	141.6	44,500	41.5	145.0	43,600	101
105	31.0	130.0	41,000	35.3	136.4	42,300	38.2	140.3	41,500	105
110	25.5	120.7	37,900	30.5	128.7	39,900	33.8	133.4	39,100	110
115	18.5	108.3	32,100	24.9	119.1	37,700	28.8	125.2	37,000	115
120	6.4	85.6	24,900	17.7	106.3	33,500	22.8	114.9	35,000	120
125				3.7	79.9	25,200	14.7	100.1	32,700	125
128							6.0	83.7	27,600	128
130										130
134										134
135										135
139										139
140										140
144										144



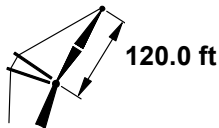
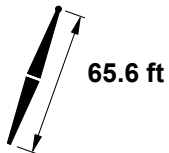
149,600 lb
+
60,400 lb



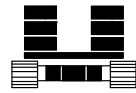
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
40										40
45										45
50										50
52										52
55										55
60										60
65										65
70										70
75	62.5	168.3	61,100							75
80	59.5	165.5	56,400							80
85	56.4	162.4	52,300							85
88	54.5	160.3	50,100	57.9	162.1	48,400				88
90	53.2	158.9	48,700	56.7	160.8	47,100				90
95	49.9	154.9	45,500	53.5	157.3	44,000				95
100	46.4	150.4	42,700	50.2	153.3	41,300				100
101	45.7	149.4	42,200	49.5	152.5	40,800	53.0	154.3	39,400	101
105	42.7	145.4	40,100	46.7	148.9	38,800	50.3	151.2	37,500	105
110	38.7	139.5	37,900	43.0	143.9	36,600	46.9	146.7	35,300	110
115	34.3	132.8	35,800	39.0	138.1	34,600	43.2	141.7	33,400	115
120	29.4	124.7	33,900	34.7	131.5	32,700	39.2	136.0	31,600	120
125	23.5	114.7	32,100	29.8	123.5	31,000	34.9	129.4	30,000	125
128	18.9	106.3	31,100	26.4	117.6	30,100	32.0	124.7	29,100	128
130	15.8	100.7	30,500	24.1	113.7	29,500	30.0	121.5	28,500	130
134	3.0	76.6	28,200	18.0	102.9	28,300	25.5	113.7	27,300	134
135				16.5	100.2	28,000	24.3	111.8	27,100	135
139				5.8	79.9	26,900	18.4	101.2	26,000	139
140							16.9	98.5	25,700	140
144							6.8	79.5	24,700	144



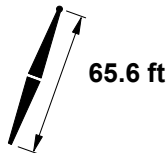
149,600 lb
+
60,400 lb



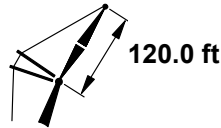
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	lb	ft	
42	74.9	189.2	70,200 b							42
45	73.4	188.4	68,300							45
50	70.9	186.8	65,300							50
55	68.3	184.9	62,400	70.6	186.0	65,200				55
60	65.7	182.8	59,800	68.1	184.2	62,400				60
64	63.6	180.9	57,800	66.0	182.4	60,300	67.8	183.3	62,000	64
65	63.1	180.4	57,200	65.5	182.0	59,800	67.3	182.9	61,500	65
70	60.4	177.7	54,900	62.8	179.6	57,300	64.6	180.6	59,000	70
75	57.6	174.7	52,600	60.1	176.9	55,000	62.0	178.1	56,600	75
79	55.3	172.0	50,900	57.9	174.4	53,200	59.8	175.9	54,800	79
80	54.7	171.3	50,500	57.3	173.8	52,700	59.2	175.3	54,300	80
85	51.7	167.6	48,500	54.5	170.5	50,600	56.4	172.2	52,100	85
90	48.6	163.4	46,500	51.5	166.7	48,600	53.5	168.7	50,000	90
94	46.0	159.7	45,000	49.0	163.3	46,900	51.1	165.5	47,400	94
95	45.4	158.8	44,600	48.3	162.5	46,500	50.5	164.7	46,800	95
100	41.9	153.5	42,800	45.1	157.8	44,700	47.3	160.4	43,900	100
105	38.2	147.6	40,900	41.6	152.5	42,100	44.0	155.5	41,300	105
107	36.6	144.8	39,800	40.1	150.0	41,200	42.5	153.3	40,300	107
110	34.1	140.7	38,300	37.8	146.4	39,700	40.4	150.0	38,900	110
115	29.6	132.7	35,900	33.8	139.5	37,500	36.6	143.7	36,800	115
120	24.4	122.9	33,200	29.2	131.3	35,500	32.3	136.4	34,800	120
125	17.7	109.9	28,300	23.8	121.3	33,600	27.6	127.7	33,000	125
130	6.1	86.1	22,000	17.0	107.9	29,500	21.8	116.8	31,400	130
135				3.5	80.2	22,400	14.1	101.4	29,000	135
138							5.8	84.3	24,500	138
140										140
144										144
145										145
149										149
150										150
154										154



149,600 lb
+
60,400 lb

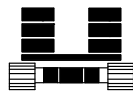


65.6 ft

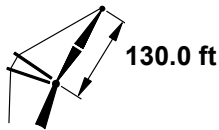
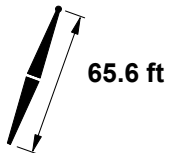


120.0 ft

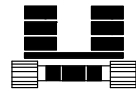
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
42										42
45										45
50										50
55										55
60										60
64										64
65										65
70										70
75										75
79	62.8	177.5	57,000							79
80	62.3	177.0	56,100							80
85	59.5	174.2	52,000							85
90	56.7	171.1	48,400							90
94	54.4	168.3	45,900	57.5	170.1	44,300				94
95	53.8	167.6	45,200	57.0	169.4	43,700				95
100	50.8	163.8	42,400	54.1	166.0	41,000				100
105	47.7	159.4	39,900	51.0	162.2	38,500				105
107	46.3	157.5	39,000	49.8	160.5	37,600	53.0	162.3	36,300	107
110	44.3	154.6	37,600	47.9	157.9	36,300	51.2	160.0	35,000	110
115	40.8	149.2	35,500	44.6	153.1	34,300	48.0	155.7	33,100	115
120	37.0	143.0	33,600	41.1	147.7	32,400	44.7	151.0	31,300	120
125	32.8	135.8	31,900	37.3	141.6	30,800	41.2	145.6	29,700	125
130	28.1	127.3	30,300	33.2	134.5	29,200	37.5	139.5	28,200	130
135	22.5	116.7	28,800	28.5	126.1	27,800	33.4	132.5	26,800	135
138	18.1	107.9	28,000	25.2	119.9	27,000	30.6	127.5	26,000	138
140	15.1	102.1	27,400	23.0	115.8	26,500	28.7	124.2	25,500	140
144	2.9	76.8	25,100	17.3	104.4	25,500	24.4	116.0	24,600	144
145				15.8	101.6	25,200	23.3	113.9	24,300	145
149				5.5	80.4	24,200	17.6	102.8	23,400	149
150							16.2	100.0	23,200	150
154							6.5	80.0	22,300	154



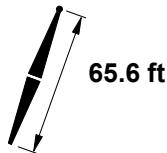
149,600 lb
+
60,400 lb



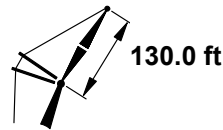
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
45	74.7	198.8	53,300							45
50	72.4	197.3	52,100							50
55	70.1	195.6	50,900							55
58	68.6	194.4	50,300	70.8	195.6	51,500				58
60	67.7	193.7	49,900	69.9	194.9	51,000				60
65	65.3	191.5	48,800	67.5	192.9	50,100				65
68	63.8	190.0	47,800	66.0	191.6	49,500	67.7	192.5	50,100	68
70	62.9	189.1	47,200	65.1	190.7	49,100	66.7	191.6	49,700	70
75	60.3	186.4	45,300	62.6	188.3	47,200	64.3	189.3	48,500	75
80	57.8	183.4	43,400	60.1	185.5	45,300	61.8	186.8	46,600	80
84	55.7	180.7	42,000	58.1	183.1	43,800	59.8	184.5	45,100	84
85	55.1	180.0	41,600	57.5	182.5	43,500	59.3	184.0	44,700	85
90	52.4	176.4	39,900	54.9	179.2	41,700	56.7	180.8	42,900	90
95	49.6	172.3	38,400	52.2	175.5	40,000	54.0	177.4	41,200	95
99	47.2	168.7	37,200	49.9	172.2	38,700	51.8	174.3	39,900	99
100	46.6	167.8	36,900	49.3	171.4	38,400	51.2	173.6	39,600	100
105	43.5	162.8	35,500	46.3	166.9	36,900	48.4	169.3	38,000	105
110	40.2	157.3	34,100	43.2	161.8	35,500	45.3	164.7	36,600	110
114	37.3	152.2	33,100	40.5	157.3	34,500	42.8	160.5	35,500	114
115	36.6	150.9	32,900	39.9	156.2	34,200	42.1	159.4	35,200	115
120	32.8	143.7	31,800	36.3	149.8	32,900	38.7	153.6	33,800	120
125	28.4	135.3	30,700	32.4	142.5	31,800	35.1	146.9	32,600	125
130	23.4	125.0	29,500	28.0	133.9	30,800	31.0	139.2	31,200	130
135	17.0	111.4	25,300	22.9	123.4	29,900	26.5	130.1	29,700	135
140	5.9	86.6	19,700	16.3	109.3	26,400	21.0	118.7	28,300	140
145				3.4	80.5	20,100	13.5	102.6	26,000	145
148							5.5	84.8	22,000	148
150										150
154										154
155										155
159										159
160										160
164										164



149,600 lb
+
60,400 lb

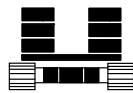


65.6 ft



130.0 ft

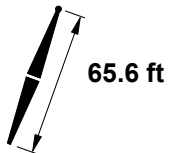
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
45										45
50										50
55										55
58										58
60										60
65										65
68										68
70										70
75										75
80										80
84	62.6	186.2	47,000							84
85	62.1	185.7	46,600							85
90	59.6	182.9	44,800							90
95	57.0	179.8	43,000							95
99	54.8	177.0	41,700	57.7	178.8	41,300				99
100	54.3	176.4	41,300	57.2	178.1	40,700				100
105	51.6	172.6	39,700	54.5	174.7	38,300				105
110	48.7	168.4	37,400	51.8	171.0	36,100				110
114	46.3	164.7	35,700	49.5	167.7	34,500	52.5	169.6	33,200	114
115	45.7	163.8	35,300	48.9	166.8	34,100	51.9	168.8	32,800	115
120	42.5	158.6	33,400	45.9	162.2	32,300	49.0	164.7	31,100	120
125	39.1	152.8	31,700	42.8	157.1	30,600	46.0	160.1	29,500	125
130	35.5	146.2	30,100	39.4	151.4	29,100	42.9	155.0	28,000	130
135	31.5	138.7	28,700	35.8	144.9	27,600	39.6	149.3	26,600	135
140	27.0	129.8	27,300	31.8	137.4	26,300	36.0	142.8	25,300	140
145	21.6	118.7	26,000	27.4	128.6	25,100	32.0	135.4	24,200	145
148	17.4	109.5	25,300	24.2	122.1	24,400	29.4	130.2	23,500	148
150	14.5	103.4	24,800	22.1	117.8	24,000	27.6	126.7	23,100	150
154	2.8	77.1	22,600	16.6	105.9	23,100	23.4	118.1	22,200	154
155				15.2	103.0	22,900	22.4	115.9	22,000	155
159				5.3	80.9	22,000	16.9	104.3	21,200	159
160							15.6	101.4	21,000	160
164							6.2	80.6	20,300	164



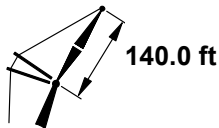
149,600 lb
+
60,400 lb



360°

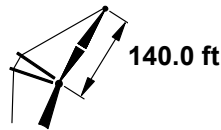
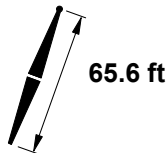


65.6 ft

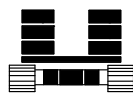


140.0 ft

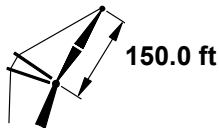
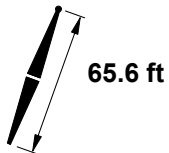
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
47	75.0	208.6	49,500							47
50	73.7	207.7	48,900							50
55	71.5	206.2	47,800							55
60	69.4	204.4	46,900							60
61	68.9	204.0	46,600	70.9	205.1	47,700				61
65	67.2	202.4	45,300	69.2	203.7	47,000				65
70	64.9	200.2	43,400	67.0	201.7	45,300				70
72	64.0	199.2	42,600	66.1	200.8	44,500	67.6	201.6	45,700	72
75	62.7	197.7	41,500	64.7	199.4	43,300	66.3	200.3	44,600	75
80	60.3	195.0	39,800	62.4	196.9	41,500	64.0	198.0	42,700	80
85	57.9	192.0	38,000	60.1	194.2	39,700	61.7	195.5	40,900	85
88	56.5	190.1	37,000	58.7	192.4	38,700	60.3	193.8	39,900	88
90	55.5	188.7	36,400	57.7	191.2	38,000	59.3	192.6	39,200	90
95	53.0	185.1	34,900	55.3	187.9	36,400	56.9	189.5	37,600	95
100	50.4	181.2	33,400	52.7	184.2	34,900	54.5	186.1	36,000	100
104	48.2	177.7	32,200	50.6	181.0	33,700	52.4	183.1	34,800	104
105	47.6	176.8	31,900	50.1	180.3	33,400	51.9	182.4	34,500	105
110	44.8	172.0	30,600	47.4	175.9	32,000	49.3	178.3	33,000	110
115	41.8	166.7	29,300	44.6	171.0	30,700	46.5	173.7	31,600	115
120	38.7	160.8	28,200	41.6	165.7	29,400	43.6	168.7	30,400	120
125	35.3	154.2	27,100	38.4	159.7	28,200	40.5	163.2	29,100	125
130	31.5	146.6	26,000	34.9	153.0	27,100	37.3	157.0	27,900	130
135	27.4	137.8	25,100	31.2	145.3	26,100	33.8	150.0	26,800	135
140	22.5	127.0	24,200	27.0	136.3	25,100	29.9	141.9	25,800	140
145	16.4	112.8	22,400	22.0	125.4	24,300	25.5	132.4	24,900	145
150	5.6	87.1	17,500	15.7	110.7	23,500	20.2	120.5	24,100	150
155				3.3	80.8	17,800	13.0	103.8	23,100	155
158							5.3	85.2	19,600	158
160										160
164										164
165										165
169										169
170										170
174										174

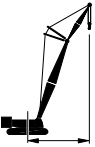
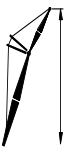
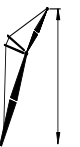


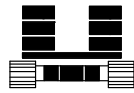
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
47										47
50										50
55										55
60										60
61										61
65										65
70										70
72										72
75										75
80										80
85										85
88	62.9	195.4	41,600							88
90	61.9	194.3	41,000							90
95	59.6	191.5	39,300							95
100	57.2	188.4	37,700							100
104	55.2	185.7	36,400	57.9	187.4	37,900				104
105	54.7	185.1	36,100	57.4	186.8	37,600				105
110	52.2	181.4	34,700	54.9	183.4	35,800				110
115	49.5	177.3	33,200	52.4	179.8	33,800				115
120	46.8	172.8	31,900	49.8	175.7	31,900	52.5	177.6	30,800	120
125	43.9	167.9	30,500	47.0	171.3	30,300	49.9	173.5	29,200	125
130	40.9	162.4	29,300	44.2	166.4	28,800	47.1	169.1	27,700	130
135	37.7	156.3	28,100	41.1	161.0	27,400	44.3	164.2	26,300	135
140	34.2	149.4	27,000	37.9	154.9	26,000	41.3	158.8	25,000	140
145	30.3	141.5	25,800	34.5	148.1	24,800	38.1	152.8	23,900	145
150	26.0	132.1	24,600	30.7	140.2	23,700	34.6	146.0	22,800	150
155	20.8	120.6	23,500	26.4	131.0	22,600	30.8	138.2	21,800	155
158	16.7	111.0	22,900	23.3	124.2	22,000	28.3	132.7	21,200	158
160	14.0	104.6	22,500	21.3	119.7	21,600	26.6	129.1	20,800	160
164	2.7	77.3	20,200	16.0	107.4	20,900	22.5	120.1	20,100	164
165				14.7	104.3	20,700	21.5	117.9	19,900	165
169				5.1	81.3	19,900	16.3	105.7	19,200	169
170							15.0	102.7	19,000	170
174							6.0	81.1	18,300	174



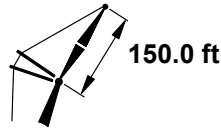
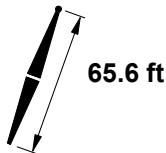
149,600 lb
+
60,400 lb



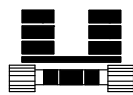
	 87°			 83°			 80°			
 ft		 ft	 lb		 ft	 lb		 ft	 lb	 ft
50	74.8	218.1	45,800							50
55	72.8	216.7	44,800							55
60	70.8	215.0	43,800							60
65	68.8	213.2	41,900	70.6	214.3	43,700				65
70	66.7	211.2	40,100	68.6	212.5	41,800				70
75	64.6	208.9	38,300	66.5	210.4	40,000	67.9	211.2	41,100	75
80	62.5	206.4	36,600	64.4	208.1	38,300	65.8	209.1	39,400	80
85	60.3	203.7	35,000	62.3	205.6	36,600	63.7	206.7	37,700	85
90	58.1	200.7	33,400	60.1	202.9	35,000	61.6	204.1	36,000	90
93	56.7	198.7	32,500	58.8	201.1	34,000	60.3	202.4	35,100	93
95	55.8	197.4	31,900	57.9	199.9	33,400	59.4	201.3	34,400	95
100	53.5	193.9	30,500	55.6	196.6	31,900	57.1	198.2	33,000	100
105	51.0	190.0	29,100	53.2	193.0	30,500	54.8	194.8	31,500	105
110	48.5	185.8	27,800	50.8	189.1	29,100	52.5	191.1	30,100	110
115	45.9	181.2	26,600	48.3	184.8	27,800	50.0	187.1	28,800	115
120	43.2	176.1	25,400	45.7	180.2	26,600	47.5	182.7	27,500	120
125	40.4	170.5	24,300	43.0	175.0	25,400	44.8	177.9	26,300	125
126	39.7	169.2	24,100	42.4	173.9	25,200	44.3	176.9	26,000	126
130	37.3	164.3	23,200	40.1	169.4	24,300	42.1	172.7	25,100	130
135	34.0	157.3	22,200	37.0	163.1	23,200	39.1	166.8	24,000	135
140	30.4	149.4	21,300	33.7	156.1	22,300	36.0	160.3	23,000	140
145	26.4	140.1	20,500	30.1	148.1	21,300	32.6	153.0	22,000	145
150	21.8	129.0	19,700	26.0	138.7	20,500	28.8	144.6	21,100	150
155	15.8	114.3	19,100	21.3	127.3	19,700	24.6	134.6	20,300	155
160	5.5	87.6	15,700	15.2	112.1	19,000	19.5	122.3	19,500	160
165				3.2	81.1	16,100	12.6	104.9	18,900	165
168							5.2	85.7	17,700	168
170										170
174										174
175										175
179										179
180										180
184										184



149,600 lb
+
60,400 lb



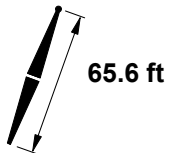
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
50										50
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
93	62.7	204.0	36,700							93
95	61.8	203.0	36,100							95
100	59.6	200.2	34,600							100
105	57.4	197.1	33,100							105
110	55.1	193.8	31,600	57.6	195.5	32,900				110
115	52.7	190.1	30,300	55.3	192.1	31,600				115
120	50.3	186.2	28,900	52.9	188.5	30,300				120
125	47.8	181.8	27,600	50.5	184.6	29,000				125
126	47.2	180.9	27,400	50.0	183.7	28,700	52.5	185.6	28,800	126
130	45.1	177.1	26,400	48.0	180.3	27,700	50.6	182.4	27,600	130
135	42.4	171.8	25,200	45.3	175.5	26,500	48.1	178.1	26,200	135
140	39.4	166.1	24,200	42.6	170.4	25,400	45.5	173.4	25,000	140
145	36.3	159.6	23,100	39.7	164.6	24,300	42.7	168.2	23,800	145
150	33.0	152.4	22,200	36.6	158.3	23,200	39.8	162.5	22,700	150
155	29.3	144.1	21,300	33.3	151.1	22,300	36.7	156.2	21,700	155
160	25.1	134.4	20,400	29.6	142.9	21,400	33.4	149.1	20,800	160
165	20.1	122.4	19,700	25.5	133.3	20,500	29.8	140.9	19,900	165
168	16.2	112.4	19,300	22.5	126.2	20,100	27.3	135.2	19,400	168
170	13.5	105.8	19,000	20.6	121.5	19,800	25.6	131.4	19,000	170
174	2.6	77.6	18,300	15.4	108.7	19,100	21.8	122.1	18,400	174
175				14.2	105.5	19,000	20.8	119.7	18,200	175
179				4.9	81.7	18,300	15.7	107.1	17,600	179
180							14.5	104.0	17,500	180
184							5.8	81.6	16,800	184



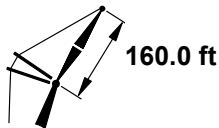
149,600 lb
+
60,400 lb



360°

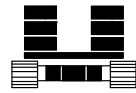


65.6 ft

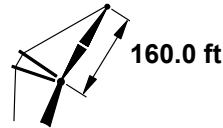
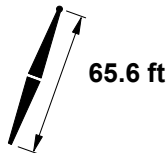


160.0 ft

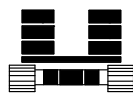
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
53	74.7	227.7	42,100							53
55	73.9	227.1	41,700							55
60	72.1	225.6	40,200							60
65	70.2	223.9	38,400							65
68	69.0	222.7	37,400	70.7	223.9	39,000				68
70	68.2	222.0	36,700	70.0	223.2	38,300				70
75	66.3	219.9	35,000	68.1	221.2	36,600				75
79	64.7	218.0	33,600	66.5	219.5	35,200	67.8	220.4	36,300	79
80	64.3	217.6	33,300	66.1	219.1	34,900	67.4	220.0	36,000	80
85	62.3	215.1	31,800	64.2	216.8	33,300	65.5	217.8	34,300	85
90	60.3	212.3	30,300	62.1	214.3	31,700	63.5	215.4	32,700	90
95	58.2	209.4	28,800	60.1	211.5	30,200	61.5	212.8	31,200	95
97	57.3	208.1	28,200	59.3	210.3	29,600	60.7	211.6	30,600	97
100	56.1	206.1	27,400	58.0	208.5	28,800	59.4	210.0	29,800	100
105	53.9	202.6	26,100	55.9	205.3	27,400	57.3	206.9	28,300	105
110	51.6	198.8	24,800	53.7	201.7	26,000	55.2	203.5	27,000	110
115	49.3	194.7	23,600	51.4	197.9	24,800	53.0	199.9	25,700	115
120	46.9	190.2	22,400	49.1	193.7	23,600	50.7	196.0	24,500	120
125	44.4	185.3	21,400	46.7	189.2	22,400	48.3	191.7	23,300	125
130	41.8	180.0	20,300	44.2	184.3	21,400	45.9	187.1	22,100	130
132	40.7	177.6	19,900	43.1	182.1	20,900	44.9	185.0	21,700	132
135	39.0	174.1	19,400	41.5	178.9	20,300	43.3	182.0	21,000	135
140	36.1	167.6	18,400	38.8	173.0	19,300	40.7	176.4	20,000	140
145	32.9	160.3	17,500	35.8	166.4	18,400	37.8	170.3	19,000	145
150	29.5	152.1	16,700	32.6	159.1	17,600	34.8	163.5	18,200	150
155	25.6	142.5	15,900	29.1	150.7	16,700	31.5	155.8	17,300	155
160	21.1	130.9	15,300	25.2	140.9	15,900	27.9	147.1	16,500	160
165	15.3	115.6	14,400	20.6	129.1	15,200	23.8	136.8	15,700	165
170	5.3	88.1	13,600	14.7	113.4	14,300	18.9	124.0	15,000	170
175				3.1	81.4	13,600	12.2	106.0	14,000	175
178							5.0	86.1	13,600	178
180										180
184										184
185										185
189										189
190										190
194										194



149,600 lb
+
60,400 lb



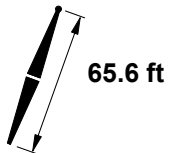
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
53										53
55										55
60										60
65										65
68										68
70										70
75										75
79										79
80										80
85										85
90										90
95										95
97	62.9	213.2	32,100							97
100	61.7	211.7	31,300							100
105	59.7	208.8	29,800							105
110	57.6	205.8	28,400							110
115	55.4	202.5	27,100	57.7	204.1	28,400				115
120	53.2	198.9	25,800	55.6	200.8	27,100				120
125	50.9	195.0	24,600	53.4	197.3	25,800				125
130	48.6	190.8	23,400	51.1	193.4	24,600				130
132	47.6	188.9	23,000	50.2	191.7	24,200	52.6	193.6	25,200	132
135	46.2	186.2	22,300	48.8	189.2	23,500	51.2	191.2	24,600	135
140	43.6	181.1	21,200	46.4	184.6	22,400	48.9	187.0	23,400	140
145	41.0	175.6	20,200	43.8	179.6	21,300	46.5	182.5	22,300	145
150	38.1	169.6	19,200	41.2	174.2	20,300	43.9	177.5	21,300	150
155	35.1	162.9	18,300	38.4	168.2	19,300	41.3	172.1	20,300	155
160	31.9	155.3	17,400	35.4	161.5	18,400	38.5	166.1	19,300	160
165	28.3	146.7	16,600	32.2	154.0	17,500	35.5	159.4	18,400	165
170	24.3	136.6	15,800	28.6	145.5	16,700	32.3	152.0	17,600	170
175	19.5	124.1	15,200	24.6	135.5	15,900	28.8	143.5	16,800	175
178	15.6	113.8	14,600	21.8	128.2	15,500	26.4	137.6	16,300	178
180	13.1	107.0	14,200	19.9	123.3	15,300	24.8	133.6	16,000	180
184	2.5	77.8	13,600	14.9	110.1	14,500	21.1	123.9	15,500	184
185				13.7	106.8	14,300	20.1	121.5	15,300	185
189				4.8	82.2	13,700	15.2	108.5	14,500	189
190							14.0	105.3	14,400	190
194							5.6	82.1	13,800	194



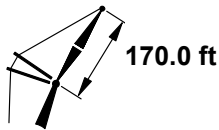
149,600 lb
+
60,400 lb



360°



65.6 ft

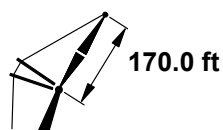
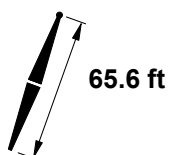


170.0 ft

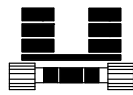
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
55	74.9	237.5	38,800							55
60	73.1	236.1	37,200							60
65	71.4	234.5	35,400							65
70	69.6	232.7	33,800							70
71	69.2	232.3	33,400	70.9	233.4	35,000				71
75	67.8	230.7	32,200	69.4	232.0	33,700				75
80	65.9	228.6	30,600	67.6	230.0	32,100				80
83	64.8	227.2	29,800	66.5	228.7	31,200	67.7	229.5	32,100	83
85	64.1	226.3	29,200	65.8	227.8	30,500	67.0	228.7	31,500	85
90	62.2	223.7	27,700	63.9	225.5	29,100	65.2	226.5	30,000	90
95	60.3	221.0	26,300	62.0	222.9	27,700	63.3	224.1	28,600	95
100	58.3	218.0	25,000	60.1	220.2	26,300	61.4	221.4	27,200	100
102	57.5	216.7	24,500	59.3	219.0	25,700	60.6	220.3	26,700	102
105	56.3	214.8	23,800	58.1	217.2	24,900	59.5	218.6	25,900	105
110	54.3	211.3	22,500	56.1	214.0	23,700	57.5	215.5	24,500	110
115	52.2	207.6	21,300	54.1	210.5	22,500	55.5	212.2	23,300	115
120	50.0	203.6	20,200	52.0	206.7	21,300	53.4	208.7	22,200	120
125	47.7	199.2	19,200	49.8	202.6	20,200	51.3	204.8	21,000	125
130	45.4	194.5	18,200	47.5	198.2	19,200	49.1	200.6	19,900	130
135	43.0	189.3	17,200	45.2	193.5	18,200	46.8	196.1	18,900	135
138	41.5	186.0	16,600	43.8	190.4	17,600	45.4	193.2	18,300	138
140	40.5	183.7	16,300	42.8	188.3	17,200	44.4	191.2	17,900	140
145	37.8	177.6	15,500	40.2	182.6	16,300	42.0	185.9	16,900	145
150	35.0	170.8	14,600	37.6	176.4	15,400	39.4	180.1	16,000	150
155	31.9	163.2	13,900	34.7	169.6	14,700	36.7	173.7	15,200	155
160	28.6	154.6	13,100	31.6	161.9	13,800	33.7	166.6	14,400	160
165	24.8	144.7	12,100	28.2	153.2	13,000	30.6	158.6	13,600	165
170	20.4	132.7	11,200	24.4	143.1	12,000	27.1	149.5	12,700	170
175	14.9	117.0	10,400	20.0	130.9	11,100	23.1	138.8	11,800	175
180	5.1	88.6	9,700	14.3	114.7	10,400	18.3	125.6	10,900	180
185				3.0	81.6	9,700	11.8	107.0	10,200	185
188							4.9	86.6	9,700	188
190										190
194										194
195										195
199										199
200										200
204										204



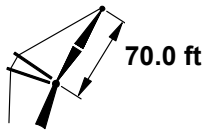
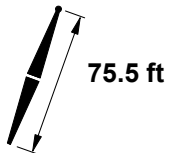
149,600 lb
+
60,400 lb



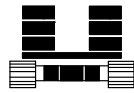
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
55										55
60										60
65										65
70										70
71										71
75										75
80										80
83										83
85										85
90										90
95										95
100										100
102	62.8	221.9	28,000							102
105	61.6	220.3	27,300							105
110	59.7	217.5	25,900							110
115	57.7	214.5	24,700							115
120	55.7	211.2	23,500	57.9	212.8	24,600				120
125	53.6	207.6	22,200	55.8	209.5	23,400				125
130	51.5	203.8	21,100	53.8	206.0	22,300				130
135	49.3	199.7	20,000	51.7	202.2	21,200				135
138	47.9	197.0	19,400	50.4	199.7	20,500	52.6	201.6	21,500	138
140	47.0	195.2	19,000	49.5	198.1	20,100	51.8	200.0	21,100	140
145	44.7	190.3	18,000	47.2	193.7	19,100	49.6	195.9	20,000	145
150	42.3	185.1	17,100	44.9	188.8	18,100	47.3	191.5	19,100	150
155	39.7	179.3	16,200	42.5	183.6	17,100	45.0	186.7	18,100	155
160	37.0	173.0	15,400	39.9	177.9	16,300	42.6	181.5	17,200	160
165	34.1	166.0	14,500	37.2	171.6	15,400	40.0	175.8	16,300	165
170	30.9	158.1	13,700	34.3	164.6	14,600	37.3	169.5	15,400	170
175	27.5	149.2	12,800	31.2	156.9	13,800	34.4	162.6	14,600	175
180	23.6	138.7	11,900	27.8	148.0	12,900	31.3	154.9	13,900	180
185	18.9	125.8	11,100	23.9	137.7	12,000	27.9	146.1	13,000	185
188	15.2	115.2	10,600	21.1	130.1	11,500	25.6	139.9	12,400	188
190	12.7	108.1	10,300	19.3	125.1	11,100	24.1	135.8	12,100	190
194	2.4	78.0	9,800	14.5	111.4	10,500	20.4	125.8	11,400	194
195				13.3	107.9	10,300	19.5	123.3	11,200	195
199				4.6	82.6	9,800	14.8	109.8	10,500	199
200							13.6	106.5	10,400	200
204							5.5	82.6	9,800	204



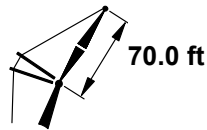
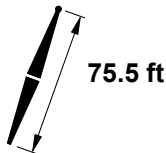
149,600 lb
+
60,400 lb



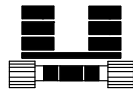
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
30	74.4	150.6	116,100 d							30
35	70.1	149.0	114,700 c							35
40	65.7	147.0	108,600 b	70.3	148.5	115,500 c				40
45	61.1	144.5	103,200 b	65.9	146.5	109,500 b				45
47	59.2	143.3	101,300 b	64.1	145.5	107,300 b	67.6	146.6	111,800 b	47
50	56.3	141.5	98,500	61.3	144.0	104,100 b	64.9	145.3	105,500 b	50
55	51.3	137.8	94,300	56.6	141.0	95,400	60.3	142.7	93,400 b	55
59	46.9	134.3	89,100	52.5	138.1	87,400	56.4	140.2	85,600 b	59
60	45.8	133.4	87,800	51.5	137.4	85,400	55.5	139.6	83,700	60
65	39.8	128.0	79,400	46.1	133.0	77,300	50.3	135.8	75,700	65
70	32.9	121.2	72,000	40.1	127.6	70,400	44.8	131.2	69,000	70
71	31.1	119.3	70,600	38.7	126.3	69,300	43.6	130.1	67,900	71
75	24.3	112.0	65,200	33.2	120.9	64,600	38.6	125.6	63,300	75
80	10.6	96.1	50,100	24.7	111.9	59,600	31.5	118.5	58,400	80
81	4.3	88.4	44,800	22.1	108.8	58,500	29.7	116.5	57,500	81
82				19.5	105.8	57,300	27.9	114.5	56,700	82
85				11.6	96.7	54,000	22.5	108.7	54,100	85
86				6.3	90.3	49,100	19.1	104.6	53,300	86
90							5.5	88.5	50,200	90
95										95
96										96
100										100
102										102
105										105
108										108



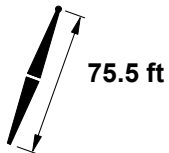
149,600 lb
+
60,400 lb



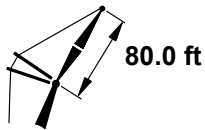
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
30										30
35										35
40										40
45										45
47										47
50										50
55										55
59	62.5	142.4	82,500 b							59
60	61.6	141.8	80,800 b							60
65	56.8	138.9	73,000							65
70	51.8	135.3	66,600							70
71	50.7	134.4	65,500	57.0	136.8	63,100				71
75	46.4	130.9	61,100	53.1	134.1	58,900				75
80	40.4	125.7	56,400	47.7	129.9	54,400				80
81	39.1	124.3	55,600	46.6	128.9	53,600				81
82	37.7	123.0	54,700	45.4	127.9	52,800	52.0	130.6	50,800	82
85	33.6	119.0	52,300	41.9	124.9	50,400	48.8	128.1	48,600	85
86	31.9	117.2	51,500	40.6	123.6	49,700	47.7	127.1	47,900	86
90	25.3	110.2	48,600	35.4	118.6	46,900	43.2	123.3	45,200	90
95	12.7	95.6	45,300	27.5	110.5	43,800	36.8	117.3	42,300	95
96	8.1	90.2	44,700	25.3	108.0	43,300	35.3	115.8	41,700	96
100				16.6	98.1	41,000	29.3	109.6	39,600	100
102				9.3	89.4	39,900	25.3	105.2	38,600	102
105							19.3	98.5	37,100	105
108							9.3	86.8	35,700	108



149,600 lb
+
60,400 lb

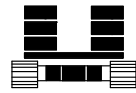


75.5 ft

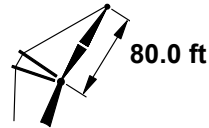
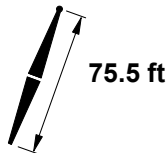


80.0 ft

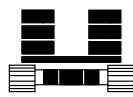
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
32	74.9	160.5	105,800 c							32
35	72.7	159.6	105,700 c							35
40	68.9	157.8	100,400 b							40
43	66.6	156.6	97,400 b	70.6	158.1	103,300 b				43
45	65.0	155.7	95,300 b	69.1	157.3	101,100 b				45
50	61.0	153.2	90,800	65.2	155.2	96,100 b				50
51	60.1	152.6	90,000	64.4	154.7	95,200 b	67.5	155.8	99,100 b	51
55	56.8	150.1	86,700	61.2	152.7	91,700	64.3	154.0	93,100 b	55
60	52.4	146.6	83,100	57.0	149.7	85,200	60.3	151.4	83,400	60
64	48.7	143.2	80,000	53.5	146.9	78,700	56.9	148.9	77,000	64
65	47.7	142.4	79,200	52.6	146.2	77,100	56.0	148.3	75,400	65
70	42.7	137.4	72,200	48.0	142.0	70,300	51.6	144.6	68,800	70
75	37.1	131.5	65,700	42.9	137.1	64,500	46.9	140.3	63,100	75
76	35.8	130.0	64,600	41.8	135.9	63,500	45.9	139.3	62,100	76
80	30.7	124.0	60,000	37.4	131.2	59,500	41.8	135.2	58,200	80
85	22.7	114.1	55,000	31.0	123.8	55,200	36.1	129.0	54,000	85
88	15.0	103.8	47,800	26.3	117.9	52,900	32.1	124.3	51,800	88
90	9.9	97.0	43,100	23.1	114.0	51,300	29.4	121.2	50,300	90
91	4.0	88.8	38,800	20.7	110.7	50,300	27.7	119.1	49,600	91
95				10.8	97.6	46,400	21.0	110.6	46,900	95
96				5.9	90.8	42,500	17.8	106.3	46,300	96
100							5.1	89.0	43,700	100
105										105
106										106
110										110
112										112
115										115
118										118



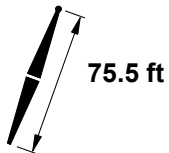
149,600 lb
+
60,400 lb



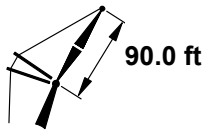
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
32										32
35										35
40										40
43										43
45										45
50										50
51										51
55										55
60										60
64	62.2	151.1	74,200							64
65	61.4	150.5	72,700							65
70	57.2	147.5	66,300							70
75	52.9	144.1	60,800							75
76	51.9	143.2	59,900	57.4	145.5	57,600				76
80	48.2	139.9	56,100	54.0	142.8	54,100				80
85	43.2	135.1	52,100	49.4	138.8	50,100				85
88	39.9	131.5	49,900	46.4	136.0	48,100	52.2	138.6	46,200	88
90	37.7	129.2	48,500	44.5	134.2	46,700	50.3	137.0	44,900	90
91	36.4	127.7	47,800	43.4	133.0	46,100	49.4	136.1	44,300	91
95	31.4	121.9	45,300	39.1	128.6	43,600	45.5	132.5	42,000	95
96	29.8	120.0	44,700	37.9	127.2	43,100	44.4	131.4	41,400	96
100	23.6	112.3	42,400	33.0	121.7	40,900	40.2	127.1	39,300	100
105	11.8	96.7	39,800	25.7	112.8	38,400	34.3	120.5	37,000	105
106	7.6	90.8	39,300	23.7	110.2	37,900	32.9	118.8	36,500	106
110				15.5	99.5	36,100	27.3	112.1	34,800	110
112				8.7	90.2	35,200	23.6	107.3	34,000	112
115							18.0	100.2	32,800	115
118							8.7	87.6	31,700	118



149,600 lb
+
60,400 lb

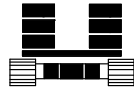


75.5 ft

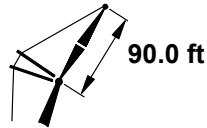
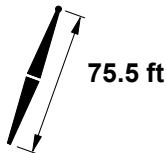


90.0 ft

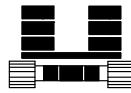
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
35	74.7	170.0	92,800 c							35
40	71.3	168.5	88,100 b							40
45	67.9	166.6	83,800 b							45
46	67.2	166.2	83,000 b	70.8	167.6	87,800 b				46
50	64.5	164.4	79,800	68.1	166.1	84,300 b				50
55	60.9	161.8	76,200	64.6	163.9	80,500	67.3	164.9	83,600 b	55
60	57.2	158.8	72,900	61.0	161.3	77,000	63.8	162.7	79,800	60
65	53.3	155.4	69,900	57.3	158.4	73,700	60.2	160.0	75,300	65
68	50.8	152.9	68,300	55.0	156.3	71,500	58.0	158.2	71,300	68
70	49.2	151.3	67,200	53.5	154.9	70,100	56.5	156.9	68,600	70
75	44.9	146.7	64,600	49.4	150.9	64,400	52.6	153.4	63,000	75
80	40.1	141.2	60,900	45.1	146.3	59,400	48.5	149.3	58,100	80
81	39.1	139.9	59,900	44.1	145.2	58,600	47.6	148.3	57,300	81
85	34.9	134.7	55,900	40.4	140.9	55,100	44.1	144.5	53,900	85
90	28.9	126.7	51,500	35.2	134.4	51,300	39.3	138.9	50,200	90
94	22.9	118.1	48,400	30.4	128.1	48,600	35.0	133.5	47,600	94
95	21.4	116.0	47,600	29.2	126.5	48,000	33.9	132.1	46,900	95
100	9.3	97.8	37,800	21.8	116.0	44,900	27.7	123.7	44,000	100
101	3.8	89.1	34,100	19.5	112.5	44,100	26.1	121.5	43,500	101
105				10.2	98.6	40,700	19.8	112.4	41,300	105
106				5.6	91.3	37,400	16.8	107.8	40,800	106
110							4.8	89.4	38,500	110
115										115
116										116
120										120
122										122
125										125
128										128



149,600 lb
+
60,400 lb



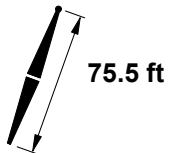
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
35										35
40										40
45										45
46										46
50										50
55										55
60										60
65										65
68	62.7	160.2	68,500							68
70	61.2	159.2	66,100							70
75	57.5	156.2	60,700							75
80	53.7	152.8	56,000							80
81	52.9	152.0	55,200	57.7	154.2	53,000				81
85	49.6	148.8	51,900	54.6	151.5	50,000				85
90	45.3	144.3	48,300	50.6	147.7	46,500				90
94	41.6	140.0	45,800	47.2	144.2	44,100	52.3	146.6	42,300	94
95	40.6	138.9	45,200	46.4	143.3	43,500	51.5	145.8	41,800	95
100	35.5	132.5	42,400	41.8	138.1	40,800	47.3	141.5	39,200	100
101	34.3	130.9	41,900	40.8	136.9	40,300	46.4	140.5	38,700	101
105	29.5	124.7	39,800	36.8	132.0	38,300	42.8	136.5	36,800	105
106	28.1	122.6	39,400	35.6	130.5	37,900	41.8	135.3	36,400	106
110	22.3	114.4	37,500	31.1	124.6	36,100	37.8	130.6	34,700	110
115	11.2	97.7	35,400	24.2	115.0	34,100	32.3	123.5	32,800	115
116	7.2	91.5	34,900	22.3	112.2	33,700	31.0	121.7	32,400	116
120				14.6	100.9	32,200	25.7	114.5	31,000	120
122				8.2	90.9	31,500	22.2	109.4	30,300	122
125							17.0	101.7	29,300	125
128							8.2	88.3	28,400	128



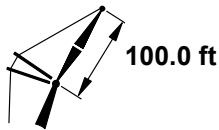
149,600 lb
+
60,400 lb



360°

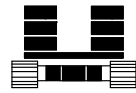


75.5 ft

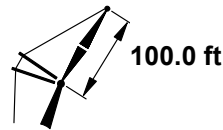
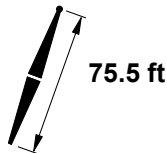


100.0 ft

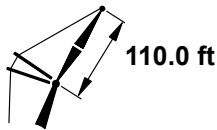
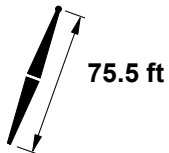
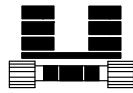
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	ft	lb	ft	
38	74.5	179.5	84,300 c							38
40	73.3	179.0	82,600 b							40
45	70.2	177.3	78,400 b							45
49	67.8	175.8	75,300 b	71.0	177.1	79,600 b				49
50	67.2	175.4	74,600	70.4	176.8	78,900 b				50
55	64.0	173.1	71,100	67.3	174.9	75,100				55
58	62.1	171.5	69,100	65.4	173.5	73,000	67.9	174.5	75,800	58
60	60.8	170.5	67,800	64.2	172.6	71,600	66.6	173.7	74,400	60
65	57.5	167.5	64,700	60.9	170.0	68,300	63.5	171.4	71,000	65
70	54.0	164.1	61,900	57.6	167.0	65,300	60.2	168.7	67,800	70
73	51.8	161.8	60,400	55.5	165.0	63,700	58.2	166.8	64,800	73
75	50.4	160.2	59,400	54.2	163.6	62,600	56.9	165.6	62,700	75
80	46.5	155.8	57,000	50.5	159.8	59,200	53.4	162.1	57,900	80
85	42.4	150.7	54,800	46.7	155.4	54,900	49.7	158.2	53,700	85
86	41.5	149.5	54,100	45.9	154.4	54,100	48.9	157.2	52,900	86
90	38.0	144.8	51,600	42.6	150.3	51,100	45.8	153.6	50,000	90
95	33.1	137.8	47,800	38.2	144.5	47,800	41.7	148.4	46,700	95
100	27.4	129.2	44,400	33.3	137.5	44,800	37.2	142.3	43,800	100
105	20.3	117.9	41,300	27.7	129.0	42,100	32.1	135.1	41,200	105
110	8.9	98.6	33,100	20.7	117.9	39,700	26.3	126.1	38,800	110
111	3.6	89.4	30,000	18.5	114.2	38,900	24.8	123.7	38,400	111
115				9.7	99.4	35,700	18.8	114.1	36,600	115
116				5.3	91.8	32,900	15.9	109.2	36,100	116
120							4.6	89.8	33,900	120
125										125
126										126
130										130
132										132
135										135
138										138



149,600 lb
+
60,400 lb



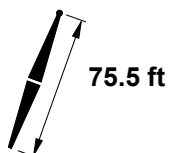
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
38										38
40										40
45										45
49										49
50										50
55										55
58										58
60										60
65										65
70										70
73	62.4	168.9	62,400							73
75	61.1	167.8	60,300							75
80	57.8	164.9	55,700							80
85	54.3	161.5	51,600							85
86	53.6	160.8	50,900	57.9	162.9	48,900				86
90	50.7	157.7	48,100	55.2	160.2	46,200				90
95	46.9	153.3	44,900	51.6	156.5	43,200				95
100	42.9	148.3	42,100	47.9	152.3	40,500	52.4	154.6	38,800	100
105	38.5	142.5	39,600	43.9	147.4	38,000	48.6	150.5	36,500	105
110	33.6	135.6	37,300	39.6	141.8	35,800	44.7	145.8	34,400	110
111	32.5	133.9	36,900	38.6	140.5	35,400	43.9	144.7	34,000	111
115	28.0	127.2	35,200	34.8	135.2	33,800	40.5	140.3	32,500	115
116	26.6	125.0	34,900	33.8	133.6	33,500	39.5	139.0	32,100	116
120	21.1	116.3	33,300	29.5	127.3	32,000	35.8	134.0	30,700	120
125	10.6	98.6	31,500	23.0	117.1	30,300	30.6	126.3	29,100	125
126	6.8	92.1	31,200	21.1	114.1	30,000	29.4	124.4	28,800	126
130				13.9	102.1	28,800	24.4	116.7	27,600	130
132				7.8	91.6	28,100	21.1	111.3	27,100	132
135							16.1	103.2	26,200	135
138							7.8	89.0	25,400	138



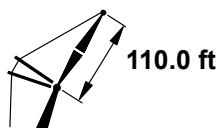
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
40	74.8	189.4	76,700 b							40
45	72.1	187.9	73,500 b							45
50	69.3	186.1	70,300							50
53	67.7	184.9	68,600	70.6	186.3	71,900				53
55	66.5	184.1	67,500	69.5	185.6	70,800				55
60	63.7	181.8	64,800	66.7	183.6	67,900				60
62	62.5	180.7	63,800	65.5	182.7	66,900	67.7	183.7	68,900	62
65	60.7	179.2	62,200	63.8	181.3	65,300	66.0	182.4	67,400	65
70	57.7	176.2	59,700	60.9	178.7	62,800	63.2	180.0	64,800	70
75	54.6	172.8	57,300	57.8	175.7	60,200	60.2	177.3	62,300	75
77	53.2	171.3	56,400	56.6	174.4	59,200	59.0	176.1	60,500	77
80	51.3	169.0	55,000	54.7	172.4	57,800	57.1	174.3	57,800	80
85	47.9	164.8	52,900	51.4	168.6	54,800	54.0	170.9	53,600	85
90	44.2	160.0	50,900	48.0	164.4	51,100	50.7	167.0	49,900	90
92	42.7	157.8	49,700	46.6	162.4	49,800	49.3	165.3	48,600	92
95	40.4	154.5	47,900	44.4	159.6	47,800	47.2	162.7	46,700	95
100	36.2	148.1	44,600	40.6	154.1	44,800	43.6	157.7	43,800	100
105	31.5	140.7	41,600	36.4	147.8	42,100	39.7	152.1	41,200	105
106	30.4	138.8	41,000	35.4	146.3	41,700	38.8	150.8	40,700	106
110	26.1	131.6	38,900	31.7	140.4	39,700	35.4	145.6	38,800	110
115	19.3	119.6	34,800	26.4	131.4	37,600	30.6	137.9	36,700	115
120	8.5	99.4	27,600	19.7	119.6	35,500	25.0	128.4	34,700	120
121	3.4	89.7	25,000	17.6	115.8	34,400	23.6	125.9	34,400	121
125				9.2	100.3	29,800	17.9	115.7	32,900	125
126				5.1	92.3	27,500	15.2	110.6	32,000	126
130							4.4	90.2	28,400	130
135										135
136										136
140										140
142										142
145										145
148										148



149,600 lb
+
60,400 lb

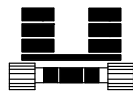


75.5 ft

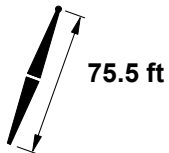


110.0 ft

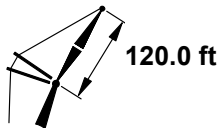
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
40										40
45										45
50										50
53										53
55										55
60										60
62										62
65										65
70										70
75										75
77	62.8	178.1	58,300							77
80	61.0	176.5	55,600							80
85	58.0	173.6	51,600							85
90	54.9	170.2	48,000							90
92	53.6	168.7	46,800	57.5	170.9	44,900				92
95	51.6	166.5	44,900	55.6	168.9	43,100				95
100	48.2	162.3	42,100	52.4	165.3	40,400				100
105	44.6	157.5	39,600	49.1	161.2	38,000				105
106	43.9	156.4	39,100	48.4	160.3	37,600	52.4	162.6	36,000	106
110	40.8	152.1	37,300	45.5	156.6	35,800	49.8	159.4	34,400	110
115	36.6	145.9	35,300	41.7	151.3	33,800	46.3	154.9	32,500	115
120	32.0	138.5	33,400	37.7	145.3	32,000	42.5	149.8	30,700	120
121	30.9	136.8	33,000	36.8	143.9	31,700	41.7	148.6	30,400	121
125	26.7	129.6	31,700	33.2	138.3	30,400	38.5	143.9	29,100	125
126	25.4	127.3	31,300	32.1	136.6	30,100	37.6	142.5	28,800	126
130	20.1	118.1	30,100	28.1	129.8	28,900	34.1	137.1	27,700	130
135	10.1	99.5	28,500	21.9	119.1	27,400	29.2	129.0	26,300	135
136	6.5	92.7	28,200	20.2	115.9	27,200	28.0	126.9	26,100	136
140				13.2	103.3	26,100	23.2	118.8	25,000	140
142				7.4	92.3	25,600	20.1	113.1	24,600	142
145							15.4	104.5	23,800	145
148							7.5	89.7	23,100	148



149,600 lb
+
60,400 lb

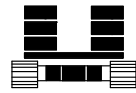


75.5 ft

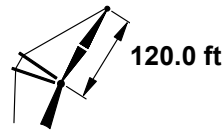
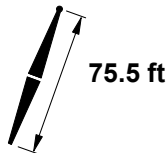


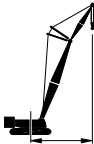
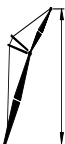
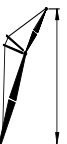
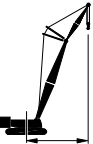
120.0 ft

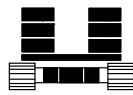
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
43	74.6	198.9	69,400 b							43
45	73.6	198.3	68,100 b							45
50	71.1	196.8	65,200							50
55	68.6	194.9	62,400							55
56	68.1	194.5	61,900	70.7	195.9	64,900				56
60	66.0	192.8	59,800	68.7	194.4	62,800				60
65	63.4	190.5	57,300	66.1	192.3	60,200				65
66	62.8	189.9	56,800	65.6	191.9	59,700	67.6	192.9	61,600	66
70	60.7	187.8	54,900	63.5	190.0	57,700	65.5	191.1	59,600	70
75	57.9	184.8	52,700	60.8	187.3	55,400	62.9	188.7	57,200	75
80	55.0	181.5	50,600	58.0	184.4	53,100	60.2	186.0	54,900	80
82	53.8	180.0	49,800	56.9	183.1	52,300	59.1	184.8	54,100	82
85	52.0	177.8	48,600	55.2	181.1	51,000	57.4	183.0	52,800	85
90	49.0	173.7	46,600	52.2	177.4	49,000	54.5	179.6	49,700	90
95	45.7	169.1	44,700	49.1	173.3	47,000	51.5	175.8	46,400	95
97	44.3	167.0	44,000	47.8	171.5	46,000	50.3	174.1	45,300	97
100	42.3	163.9	43,000	45.9	168.7	44,600	48.4	171.6	43,500	100
105	38.6	158.0	41,300	42.4	163.6	41,900	45.1	166.9	40,900	105
110	34.6	151.3	38,900	38.8	157.7	39,500	41.6	161.6	38,600	110
112	32.8	148.1	37,900	37.2	155.0	38,700	40.1	159.2	37,700	112
115	30.1	143.4	36,400	34.8	151.0	37,400	37.9	155.6	36,500	115
120	24.9	133.8	34,200	30.3	143.2	35,400	33.8	148.7	34,500	120
125	18.5	121.3	30,700	25.2	133.7	33,500	29.3	140.6	32,800	125
130	8.1	100.1	24,400	18.8	121.3	31,900	23.9	130.6	31,100	130
131	3.3	90.0	22,200	16.8	117.3	30,800	22.6	127.9	30,800	131
135				8.8	101.0	26,400	17.1	117.2	29,600	135
136				4.8	92.7	24,400	14.5	111.9	28,700	136
140							4.2	90.6	25,300	140
145										145
146										146
150										150
152										152
155										155
158										158



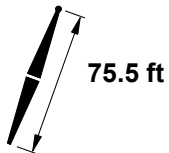
149,600 lb
+
60,400 lb



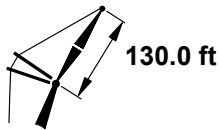
	 75°			 70°			 65°			
 ft		 ft	 lb		 ft	 lb		 ft	 lb	 ft
43										43
45										45
50										50
55										55
56										56
60										60
65										65
66										66
70										70
75										75
80										80
82	62.6	186.8	53,600							82
85	60.9	185.2	51,300							85
90	58.2	182.2	47,700							90
95	55.3	178.9	44,600							95
97	54.1	177.5	43,500	57.7	179.6	41,700				97
100	52.4	175.3	41,800	56.0	177.6	40,100				100
105	49.3	171.2	39,300	53.1	174.1	37,700				105
110	46.0	166.7	37,000	50.0	170.1	35,500				110
112	44.7	164.6	36,200	48.8	168.3	34,700	52.5	170.6	33,200	112
115	42.6	161.5	35,000	46.8	165.6	33,500	50.7	168.2	32,100	115
120	39.0	155.7	33,100	43.5	160.7	31,800	47.5	163.9	30,400	120
125	35.0	149.1	31,400	39.9	155.1	30,100	44.2	159.0	28,800	125
130	30.6	141.3	29,800	36.0	148.6	28,600	40.6	153.5	27,400	130
131	29.6	139.5	29,600	35.1	147.2	28,300	39.9	152.3	27,100	131
135	25.5	132.0	28,400	31.7	141.2	27,200	36.8	147.3	26,000	135
136	24.3	129.5	28,100	30.7	139.4	26,900	36.0	145.9	25,800	136
140	19.2	119.8	27,000	26.8	132.3	25,900	32.6	140.1	24,800	140
145	9.7	100.4	25,700	20.9	121.0	24,700	27.9	131.5	23,600	145
146	6.2	93.2	25,500	19.3	117.7	24,500	26.8	129.4	23,400	146
150				12.7	104.4	23,500	22.2	120.8	22,500	150
152				7.1	92.9	23,100	19.2	114.8	22,100	152
155							14.7	105.9	21,500	155
158							7.1	90.3	20,900	158



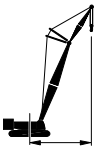
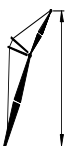
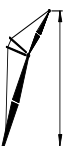
149,600 lb
+
60,400 lb

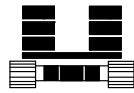


75.5 ft

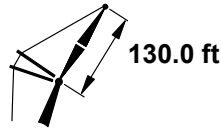
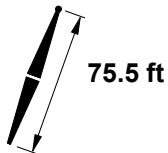


130.0 ft

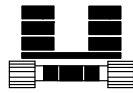
	 87°			 83°			 80°			
										
ft	°	ft	lb	°	ft	lb	°	ft	lb	ft
45	74.9	208.7	52,800 b							45
50	72.6	207.3	51,700							50
55	70.3	205.6	50,600							55
59	68.4	204.1	49,700	70.9	205.4	51,000				59
60	68.0	203.7	49,500	70.4	205.1	50,800				60
65	65.6	201.6	48,500	68.1	203.2	49,800				65
70	63.1	199.1	47,200	65.7	201.0	49,000	67.5	202.0	49,600	70
75	60.6	196.5	45,300	63.2	198.7	47,500	65.1	199.8	48,700	75
80	58.0	193.5	43,500	60.7	196.0	45,600	62.7	197.4	47,100	80
85	55.4	190.2	41,700	58.2	193.0	43,800	60.2	194.7	45,300	85
86	54.9	189.5	41,400	57.6	192.4	43,400	59.6	194.0	44,900	86
90	52.7	186.6	40,100	55.5	189.8	42,000	57.6	191.6	43,500	90
95	49.9	182.6	38,500	52.8	186.2	40,400	54.9	188.3	41,700	95
100	46.9	178.1	37,000	50.0	182.2	38,800	52.2	184.6	40,100	100
102	45.7	176.2	36,400	48.8	180.4	38,200	51.1	183.0	39,500	102
105	43.8	173.2	35,600	47.1	177.8	37,200	49.4	180.5	38,500	105
110	40.5	167.7	34,300	44.0	172.8	35,900	46.4	176.0	37,100	110
115	37.0	161.5	33,000	40.7	167.3	34,500	43.3	171.0	35,600	115
118	34.7	157.2	32,300	38.6	163.6	33,700	41.3	167.6	34,800	118
120	33.2	154.4	31,900	37.2	161.2	33,200	39.9	165.3	34,300	120
125	28.9	146.0	30,800	33.4	154.1	32,100	36.4	159.0	32,600	125
130	24.0	136.0	29,900	29.1	145.8	31,000	32.5	151.7	31,000	130
135	17.8	122.9	27,400	24.2	135.9	30,100	28.1	143.1	29,500	135
140	7.8	100.8	21,900	18.1	123.0	28,800	23.0	132.6	28,100	140
141	3.1	90.3	19,900	16.2	118.7	27,800	21.7	129.9	27,800	141
145				8.5	101.8	23,800	16.4	118.7	26,800	145
146				4.6	93.1	22,000	14.0	113.1	26,000	146
150							4.0	91.0	22,800	150
155										155
156										156
160										160
162										162
165										165
168										168



149,600 lb
+
60,400 lb



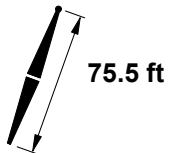
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
45										45
50										50
55										55
59										59
60										60
65										65
70										70
75										75
80										80
85										85
86										86
90										90
95										95
100										100
102										102
105	62.9	196.0	47,000							105
110	60.9	193.8	45,600							110
115	58.3	190.9	43,900							115
118	55.7	187.6	41,600							118
120	54.6	186.2	40,600	57.9	188.2	38,900				120
125	53.0	184.1	39,100	56.3	186.3	37,500				125
130	50.2	180.1	36,800	53.6	182.8	35,300				130
135	47.2	175.7	34,800	50.9	178.9	33,300				135
140	45.4	172.8	33,700	49.1	176.3	32,300	52.5	178.6	30,900	140
141	44.1	170.8	32,900	48.0	174.6	31,500	51.4	177.0	30,200	141
145	40.9	165.3	31,200	44.9	169.9	29,900	48.5	172.8	28,600	145
150	37.4	159.2	29,700	41.7	164.6	28,400	45.5	168.2	27,200	150
155	33.6	152.2	28,200	38.3	158.6	27,000	42.4	163.0	25,800	155
160	29.4	144.0	26,900	34.5	151.8	25,700	39.0	157.2	24,600	160
162	28.4	142.1	26,700	33.7	150.3	25,500	38.2	155.8	24,400	162
165	24.5	134.2	25,700	30.4	144.0	24,500	35.3	150.6	23,400	165
168	23.3	131.6	25,400	29.5	142.1	24,300	34.5	149.0	23,200	168
	18.5	121.5	24,500	25.8	134.6	23,400	31.3	143.0	22,400	
	9.3	101.2	23,300	20.1	122.8	22,400	26.8	134.0	21,400	
	6.0	93.8	23,100	18.5	119.3	22,200	25.7	131.7	21,200	
				12.2	105.5	21,400	21.4	122.8	20,400	
				6.8	93.6	20,900	18.5	116.5	20,100	
							14.1	107.1	19,500	
							6.9	90.9	19,000	



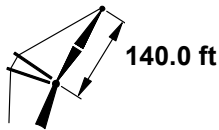
149,600 lb
+
60,400 lb



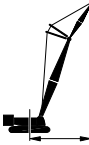
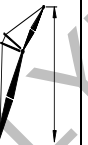
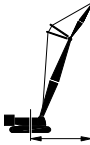
360°

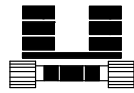


75.5 ft

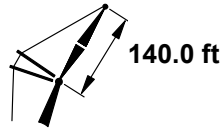
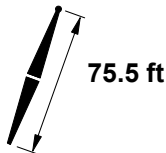


140.0 ft

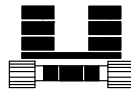
	 87°			 83°			 80°			
	 ft	 ft	 lb	 ft	 lb	 ft	 lb	 ft		
48	74.8	218.3	48,900						48	
50	73.9	217.7	48,500						50	
55	71.8	216.2	47,500						55	
60	69.6	214.4	46,500						60	
63	68.3	213.2	45,800	70.6	214.6	47,100			63	
65	67.4	212.5	45,400	69.7	213.9	46,700			65	
70	65.2	210.3	43,400	67.5	211.9	45,500			70	
73	63.8	208.8	42,300	66.2	210.6	44,400	67.9	211.6	45,800	
75	62.9	207.8	41,600	65.3	209.8	43,700	67.0	210.8	45,000	
80	60.6	205.1	39,800	63.0	207.3	41,800	64.8	208.5	43,200	
85	58.2	202.2	38,200	60.7	204.6	40,100	62.5	206.1	41,400	
90	55.7	198.9	36,500	58.3	201.7	38,400	60.2	203.3	39,700	
91	55.2	198.2	36,200	57.8	201.1	38,000	59.7	202.7	39,400	
95	53.2	195.4	35,000	55.9	198.5	36,800	57.8	200.3	38,000	
100	50.6	191.4	33,500	53.4	194.9	35,200	55.3	197.0	36,400	
105	47.9	187.1	32,100	50.8	191.0	33,700	52.8	193.4	34,900	
108	46.2	184.3	31,300	49.1	188.4	32,900	51.2	191.0	34,100	
110	45.1	182.4	30,800	48.1	186.7	32,300	50.2	189.4	33,500	
115	42.1	177.1	29,500	45.2	182.0	31,000	47.4	185.0	32,100	
120	39.0	171.3	28,300	42.3	176.8	29,700	44.6	180.2	30,800	
124	36.3	166.1	27,400	39.8	172.1	28,700	42.2	175.9	29,800	
125	35.6	164.7	27,200	39.2	171.0	28,500	41.6	174.9	29,500	
130	31.9	157.3	26,100	35.8	164.5	27,400	38.4	168.9	28,400	
135	27.8	148.6	25,200	32.1	157.0	26,300	35.0	162.2	27,300	
140	23.1	138.1	24,300	28.0	148.4	25,400	31.3	154.5	26,200	
145	17.1	124.4	23,600	23.3	138.0	24,500	27.1	145.6	25,200	
150	7.5	101.5	19,500	17.4	124.5	23,700	22.1	134.6	24,400	
151	3.0	90.6	17,700	15.6	120.1	23,200	20.9	131.7	24,300	
155				8.2	102.5	21,200	15.8	120.1	23,600	
156				4.5	93.5	19,600	13.4	114.3	23,000	
160							3.9	91.3	20,400	
165									165	
166									166	
170									170	
172									172	
175									175	
178									178	



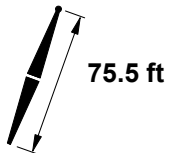
149,600 lb
+
60,400 lb



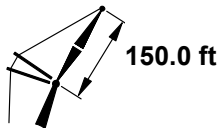
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
48										48
50										50
55										55
60										60
63										63
65										65
70										70
73										73
75										75
80										80
85										85
90										90
91	62.7	204.6	41,400							91
95	60.8	202.5	40,000							95
100	58.4	199.6	38,400							100
105	56.0	196.3	36,800							105
108	54.5	194.2	35,900	57.6	196.3	35,800				108
110	53.5	192.8	35,400	56.6	195.0	35,000				110
115	50.9	188.9	33,900	54.1	191.5	33,000				115
120	48.2	184.7	32,500	51.5	187.7	31,200				120
124	46.0	180.9	31,300	49.4	184.4	29,900	52.6	186.6	28,600	124
125	45.4	180.0	31,000	48.9	183.6	29,600	52.1	185.8	28,300	125
130	42.5	174.8	29,400	46.1	179.0	28,100	49.4	181.7	26,800	130
135	39.3	169.0	28,000	43.2	173.9	26,700	46.7	177.2	25,500	135
140	36.0	162.5	26,600	40.1	168.3	25,400	43.8	172.3	24,300	140
145	32.3	155.1	25,400	36.8	162.0	24,300	40.7	166.8	23,100	145
150	28.3	146.6	24,300	33.3	154.9	23,200	37.5	160.6	22,100	150
151	27.3	144.5	24,000	32.5	153.2	22,900	36.8	159.2	21,900	151
155	23.6	136.3	23,200	29.3	146.6	22,100	34.0	153.7	21,100	155
156	22.4	133.7	23,000	28.4	144.7	21,900	33.2	152.1	20,900	156
160	17.8	123.1	22,100	24.8	136.9	21,100	30.1	145.7	20,100	160
165	8.9	102.0	21,200	19.4	124.5	20,200	25.8	136.3	19,300	165
166	5.7	94.3	20,900	17.8	120.9	20,000	24.7	133.9	19,100	166
170				11.7	106.6	19,300	20.6	124.6	18,400	170
172				6.6	94.1	19,000	17.8	118.1	18,100	172
175							13.6	108.3	17,600	175
178							6.6	91.5	17,100	178



149,600 lb
+
60,400 lb

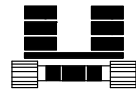


75.5 ft

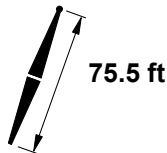


150.0 ft

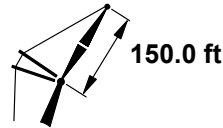
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
51	74.6	227.8	45,200							51
55	73.0	226.7	44,400							55
60	71.0	225.0	43,600							60
65	69.0	223.2	41,900							65
66	68.6	222.8	41,500	70.7	224.2	43,500				66
70	66.9	221.2	40,100	69.1	222.7	42,100				70
75	64.8	219.0	38,400	67.0	220.7	40,300				75
77	64.0	218.0	37,700	66.2	219.8	39,600	67.8	220.8	40,800	77
80	62.7	216.5	36,700	64.9	218.5	38,600	66.6	219.5	39,900	80
85	60.5	213.8	35,100	62.8	216.0	36,900	64.5	217.2	38,100	85
90	58.3	210.8	33,600	60.6	213.3	35,300	62.3	214.7	36,500	90
95	56.0	207.6	32,100	58.4	210.4	33,700	60.1	212.0	35,000	95
100	53.7	204.1	30,600	56.1	207.2	32,300	57.9	209.0	33,500	100
105	51.3	200.3	29,300	53.8	203.7	30,800	55.6	205.7	31,900	105
110	48.8	196.1	27,900	51.4	199.8	29,400	53.3	202.1	30,500	110
113	47.2	193.3	27,200	49.9	197.3	28,700	51.8	199.8	29,700	113
115	46.2	191.5	26,700	48.9	195.7	28,100	50.9	198.2	29,200	115
120	43.5	186.5	25,500	46.3	191.1	26,900	48.4	194.0	27,900	120
125	40.7	180.9	24,400	43.6	186.1	25,700	45.7	189.3	26,700	125
130	37.6	174.8	23,400	40.8	180.6	24,600	43.0	184.2	25,500	130
135	34.4	167.9	22,400	37.8	174.5	23,500	40.1	178.6	24,400	135
140	30.8	160.1	21,500	34.5	167.6	22,500	37.1	172.3	23,400	140
145	26.9	151.0	20,600	31.0	159.9	21,600	33.8	165.3	22,400	145
150	22.3	140.1	19,800	27.1	150.8	20,700	30.2	157.3	21,400	150
155	16.5	125.9	19,100	22.5	140.0	19,900	26.1	147.9	20,600	155
160	7.2	102.1	17,500	16.8	126.0	19,300	21.4	136.6	19,800	160
161	2.9	90.8	15,900	15.0	121.5	19,200	20.2	133.5	19,700	161
165				7.9	103.2	18,800	15.3	121.5	19,200	165
166				4.3	93.9	17,700	13.0	115.5	19,000	166
170							3.7	91.6	18,400	170
175										175
176										176
180										180
182										182
185										185
188										188



149,600 lb
+
60,400 lb

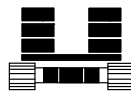


75.5 ft



150.0 ft

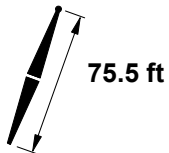
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
51										51
55										55
60										60
65										65
66										66
70										70
75										75
77										77
80										80
85										85
90										90
95	62.9	213.8	36,800							95
100	60.8	211.1	35,200							100
105	58.5	208.2	33,800							105
110	56.3	205.0	32,300							110
113	54.9	202.9	31,500	57.7	204.9	33,000				113
115	53.9	201.5	30,900	56.8	203.7	32,400				115
120	51.5	197.7	29,600	54.5	200.2	31,100				120
125	49.1	193.6	28,300	52.1	196.5	29,500				125
130	46.5	189.0	27,100	49.7	192.5	28,000	52.6	194.6	26,700	130
135	43.8	184.1	25,900	47.1	188.0	26,600	50.2	190.6	25,400	135
140	41.0	178.6	24,800	44.5	183.2	25,400	47.6	186.2	24,200	140
145	37.9	172.5	23,700	41.7	177.8	24,200	45.0	181.5	23,100	145
150	34.7	165.7	22,700	38.7	171.9	23,100	42.2	176.2	22,000	150
155	31.2	158.0	21,800	35.5	165.3	22,100	39.3	170.4	21,000	155
160	27.3	149.1	20,900	32.1	157.8	21,100	36.2	164.0	20,100	160
161	26.4	146.9	20,700	31.3	156.1	20,900	35.5	162.5	19,900	161
165	22.8	138.4	20,100	28.3	149.2	20,200	32.8	156.7	19,200	165
166	21.7	135.6	19,900	27.4	147.2	20,000	32.1	155.0	19,100	166
170	17.2	124.6	19,400	24.0	139.0	19,300	29.1	148.3	18,400	170
175	8.6	102.8	18,900	18.7	126.2	18,500	24.9	138.5	17,600	175
176	5.5	94.8	18,900	17.2	122.5	18,400	23.9	136.1	17,500	176
180				11.3	107.6	17,700	19.9	126.4	16,900	180
182				6.4	94.7	17,400	17.2	119.6	16,600	182
185							13.1	109.5	16,200	185
188							6.4	92.1	15,700	188



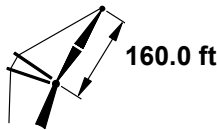
149,600 lb
+
60,400 lb



360°

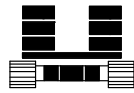


75.5 ft

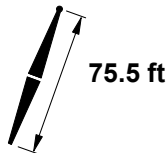


160.0 ft

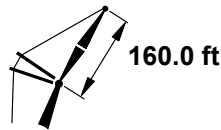
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
53	74.9	237.7	41,800							53
55	74.1	237.1	41,500							55
60	72.2	235.6	40,200							60
65	70.4	233.9	38,400							65
69	68.8	232.4	37,000	70.8	233.7	38,800				69
70	68.4	232.0	36,700	70.4	233.4	38,500				70
75	66.5	229.9	35,000	68.5	231.5	36,800				75
80	64.5	227.7	33,400	66.6	229.4	35,200				80
81	64.1	227.2	33,100	66.2	229.0	34,900	67.7	229.9	36,000	81
85	62.5	225.2	31,800	64.6	227.2	33,500	66.2	228.2	34,700	85
90	60.5	222.5	30,300	62.6	224.7	32,000	64.2	225.9	33,200	90
95	58.4	219.5	28,900	60.6	222.0	30,500	62.2	223.4	31,700	95
100	56.3	216.3	27,600	58.5	219.0	29,000	60.1	220.6	30,200	100
105	54.1	212.8	26,200	56.4	215.8	27,700	58.0	217.6	28,800	105
110	51.9	209.1	25,000	54.2	212.4	26,400	55.9	214.4	27,400	110
115	49.6	205.0	23,700	52.0	208.6	25,100	53.7	210.9	26,100	115
118	48.1	202.3	23,100	50.6	206.2	24,400	52.4	208.6	25,400	118
120	47.2	200.5	22,600	49.7	204.5	23,900	51.5	207.0	24,900	120
125	44.7	195.7	21,500	47.3	200.1	22,700	49.1	202.9	23,700	125
130	42.1	190.4	20,400	44.8	195.3	21,700	46.7	198.4	22,500	130
135	39.3	184.6	19,500	42.2	190.0	20,600	44.2	193.5	21,500	135
136	38.7	183.3	19,300	41.6	188.9	20,400	43.7	192.4	21,300	136
140	36.4	178.1	18,500	39.4	184.2	19,600	41.6	188.1	20,400	140
145	33.3	170.9	17,700	36.5	177.8	18,600	38.8	182.2	19,400	145
150	29.8	162.8	16,800	33.4	170.7	17,700	35.9	175.6	18,500	150
155	26.0	153.3	16,000	30.0	162.6	16,900	32.7	168.3	17,600	155
160	21.6	142.0	15,300	26.2	153.2	16,100	29.2	159.9	16,700	160
165	16.0	127.3	14,500	21.8	142.0	15,500	25.3	150.2	16,100	165
170	7.0	102.7	13,700	16.3	127.5	14,600	20.7	138.4	15,300	170
171	2.8	91.1	13,600	14.6	122.8	14,400	19.5	135.3	15,100	171
175				7.7	103.9	13,800	14.8	122.8	14,400	175
176				4.2	94.3	13,600	12.6	116.6	14,300	176
180							3.6	92.0	13,700	180
185										185
186										186
190										190
192										192
195										195
198										198



149,600 lb
+
60,400 lb

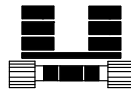


75.5 ft



160.0 ft

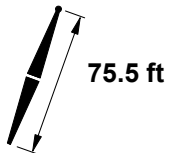
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
53										53
55										55
60										60
65										65
69										69
70										70
75										75
80										80
81										81
85										85
90										90
95										95
100	62.7	222.5	31,900							100
105	60.7	219.8	30,500							105
110	58.6	216.9	29,100							110
115	56.5	213.7	27,800							115
118	55.2	211.6	27,000	57.9	213.6	28,400				118
120	54.3	210.3	26,500	57.0	212.3	27,900				120
125	52.1	206.5	25,200	54.9	209.0	26,600				125
130	49.8	202.5	24,000	52.7	205.3	25,400				130
135	47.4	198.1	22,900	50.4	201.3	24,300				135
136	46.9	197.1	22,700	49.9	200.4	24,000	52.7	202.6	24,800	136
140	44.9	193.3	21,700	48.0	197.0	23,100	50.8	199.4	23,900	140
145	42.3	188.0	20,700	45.5	192.3	22,000	48.5	195.2	22,700	145
150	39.6	182.2	19,700	43.0	187.2	21,000	46.0	190.6	21,700	150
155	36.7	175.9	18,800	40.3	181.5	20,000	43.5	185.5	20,700	155
160	33.6	168.8	17,900	37.4	175.3	19,000	40.8	180.0	19,800	160
165	30.2	160.7	17,000	34.4	168.4	18,200	38.0	173.9	18,900	165
170	26.4	151.4	16,200	31.1	160.6	17,300	35.0	167.2	18,100	170
171	25.5	149.2	16,100	30.3	158.8	17,100	34.3	165.7	18,000	171
175	22.1	140.3	15,600	27.4	151.7	16,500	31.7	159.6	17,300	175
176	21.0	137.5	15,400	26.5	149.6	16,300	31.0	157.8	17,200	176
180	16.6	126.1	14,700	23.2	141.1	15,700	28.2	150.9	16,600	180
185	8.4	103.5	13,800	18.1	127.8	15,000	24.1	140.7	15,900	185
186	5.4	95.2	13,700	16.7	124.0	14,800	23.1	138.2	15,800	186
190				11.0	108.5	14,000	19.2	128.1	15,200	190
192				6.2	95.2	13,700	16.6	121.1	14,800	192
195							12.7	110.6	14,200	195
198							6.2	92.6	13,800	198



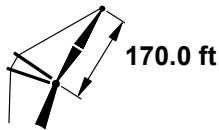
149,600 lb
+
60,400 lb



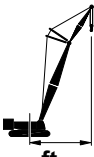
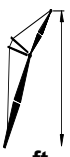
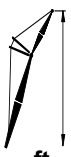
360°



75.5 ft

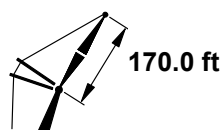
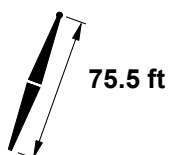


170.0 ft

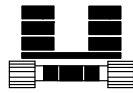
	 87°			 83°			 80°			
 ft		 ft	 lb		 ft	 lb		 ft	 lb	 ft
56	74.7	247.2	38,400							56
60	73.3	246.1	37,100							60
65	71.6	244.5	35,500							65
70	69.8	242.7	33,800							70
72	69.0	241.9	33,200	70.9	243.3	34,900				72
75	68.0	240.8	32,300	69.9	242.2	33,900				75
80	66.1	238.7	30,700	68.0	240.3	32,300				80
84	64.6	236.8	29,500	66.6	238.6	31,100	68.0	239.5	32,200	84
85	64.3	236.4	29,300	66.2	238.1	30,800	67.6	239.1	32,000	85
90	62.4	233.8	27,800	64.4	235.8	29,300	65.8	237.0	30,500	90
95	60.5	231.1	26,400	62.5	233.3	27,900	63.9	234.6	29,100	95
100	58.5	228.2	25,100	60.6	230.6	26,600	62.1	232.1	27,600	100
104	56.9	225.6	24,100	59.0	228.3	25,500	60.5	229.9	26,500	104
105	56.5	225.0	23,800	58.6	227.7	25,300	60.1	229.3	26,300	105
110	54.5	221.5	22,600	56.6	224.5	24,000	58.2	226.3	25,000	110
115	52.4	217.8	21,500	54.6	221.1	22,800	56.2	223.1	23,700	115
120	50.2	213.8	20,400	52.5	217.4	21,600	54.1	219.6	22,500	120
124	48.4	210.4	19,500	50.7	214.2	20,700	52.4	216.6	21,600	124
125	48.0	209.5	19,300	50.3	213.4	20,500	52.0	215.8	21,400	125
130	45.7	204.8	18,300	48.1	209.1	19,400	49.8	211.8	20,300	130
135	43.3	199.7	17,300	45.8	204.4	18,400	47.6	207.4	19,300	135
140	40.7	194.2	16,400	43.4	199.3	17,500	45.3	202.6	18,200	140
142	39.7	191.7	16,100	42.4	197.1	17,100	44.3	200.6	17,900	142
145	38.1	188.1	15,600	40.9	193.8	16,500	42.8	197.5	17,300	145
150	35.3	181.4	14,700	38.2	187.8	15,700	40.3	191.8	16,300	150
155	32.2	173.9	14,000	35.4	181.1	14,900	37.6	185.6	15,500	155
160	28.9	165.4	13,200	32.4	173.6	14,100	34.8	178.8	14,700	160
165	25.2	155.6	12,300	29.1	165.2	13,200	31.7	171.1	13,900	165
170	20.9	143.9	11,300	25.4	155.5	12,300	28.3	162.5	13,000	170
175	15.5	128.7	10,500	21.1	143.9	11,400	24.5	152.4	12,100	175
180	6.8	103.3	9,800	15.8	128.9	10,600	20.1	140.2	11,200	180
181	2.7	91.3	9,700	14.1	124.0	10,400	18.9	137.0	11,000	181
185				7.4	104.6	9,900	14.4	124.1	10,400	185
186				4.1	94.6	9,700	12.2	117.7	10,300	186
190							3.5	92.3	9,800	190
195										195
196										196
200										200
202										202
205										205
208										208



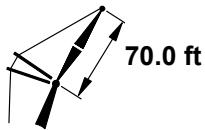
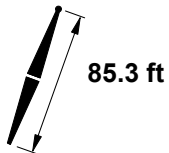
149,600 lb
+
60,400 lb



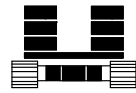
	75°			70°			65°			
56										56
60										60
65										65
70										70
72										72
75										75
80										80
84										84
85										85
90										90
95										95
100										100
104	63.0	231.7	28,200							104
105	62.6	231.2	27,900							105
110	60.7	228.5	26,500							110
115	58.7	225.5	25,300							115
120	56.7	222.4	24,100							120
124	55.1	219.7	23,100	57.6	221.7	24,500				124
125	54.7	219.0	22,900	57.2	221.0	24,200				125
130	52.6	215.3	21,700	55.2	217.7	23,000				130
135	50.4	211.3	20,600	53.1	214.1	21,900				135
140	48.2	207.0	19,500	51.0	210.1	20,800				140
142	47.3	205.2	19,100	50.1	208.5	20,400	52.7	210.6	21,500	142
145	45.9	202.4	18,500	48.8	205.9	19,800	51.4	208.3	20,900	145
150	43.5	197.3	17,600	46.5	201.4	18,700	49.2	204.1	19,900	150
155	41.0	191.8	16,700	44.1	196.4	17,800	46.9	199.6	18,900	155
160	38.4	185.8	15,700	41.6	191.0	16,900	44.6	194.7	17,900	160
165	35.6	179.1	15,000	39.0	185.1	16,000	42.1	189.5	17,000	165
170	32.6	171.7	14,200	36.3	178.7	15,200	39.6	183.7	16,100	170
175	29.3	163.4	13,300	33.3	171.5	14,400	36.8	177.3	15,300	175
180	25.6	153.8	12,400	30.1	163.4	13,500	33.9	170.3	14,600	180
181	24.8	151.5	12,200	29.4	161.5	13,400	33.3	168.7	14,400	181
185	21.4	142.3	11,500	26.5	154.1	12,700	30.8	162.4	13,800	185
186	20.3	139.3	11,300	25.7	151.9	12,500	30.1	160.6	13,600	186
190	16.1	127.5	10,700	22.5	143.1	11,700	27.3	153.4	12,900	190
195	8.1	104.3	9,900	17.6	129.4	10,900	23.4	142.8	12,000	195
196	5.2	95.7	9,800	16.2	125.4	10,700	22.4	140.2	11,800	196
200				10.6	109.5	10,100	18.7	129.8	11,000	200
202				6.0	95.8	9,900	16.1	122.6	10,700	202
205							12.3	111.7	10,200	205
208							6.0	93.1	9,900	208



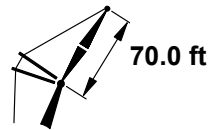
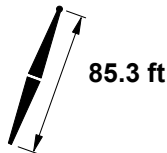
149,600 lb
+
60,400 lb



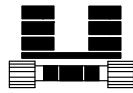
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
30	74.9	160.6	113,200 d							30
35	70.6	159.0	113,200 c							35
40	66.2	157.1	108,700 b							40
41	65.2	156.6	107,600 b	70.5	158.3	115,100 c				41
45	61.6	154.6	103,300 b	67.0	156.8	110,300 b				45
49	57.8	152.2	99,500 b	63.4	154.9	106,000 b	67.3	156.2	107,500 c	49
50	56.8	151.6	98,600	62.5	154.4	104,900 b	66.4	155.8	104,700 b	50
55	51.8	148.0	94,500	57.7	151.6	94,900	61.9	153.3	92,700 b	55
60	46.4	143.7	87,700	52.8	148.1	85,000	57.2	150.4	83,000	60
62	44.0	141.6	84,300	50.6	146.4	81,800	55.1	149.0	79,800	62
65	40.4	138.4	79,300	47.4	143.9	76,900	52.1	146.8	75,100	65
70	33.6	131.8	72,300	41.6	138.8	70,100	46.7	142.6	68,500	70
74	27.0	124.7	67,500	36.3	133.7	65,500	42.0	138.4	63,900	74
75	25.3	122.9	66,300	35.0	132.5	64,300	40.8	137.3	62,800	75
80	12.7	108.4	53,100	27.0	124.1	59,300	34.1	130.8	58,000	80
81	8.2	103.0	49,100	24.7	121.6	58,500	32.5	129.1	57,100	81
85				15.7	111.4	54,900	25.9	122.2	53,700	85
86				11.7	106.5	53,200	23.5	119.4	53,000	86
87				7.7	101.7	51,400	21.1	116.6	52,200	87
90							13.8	108.3	49,900	90
92							1.6	93.5	48,400	92
95										95
99										99
100										100
105										105
106										106
110										110
113										113



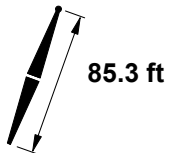
149,600 lb
+
60,400 lb



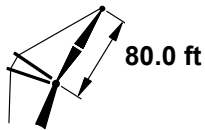
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
30										30
35										35
40										40
41										41
45										45
49										49
50										50
55										55
60										60
62	62.1	151.6	76,500 b							62
65	59.3	150.0	72,100 b							65
70	54.4	146.7	65,700							70
74	50.2	143.5	61,400	57.4	146.3	58,800				74
75	49.2	142.8	60,300	56.4	145.7	57,800				75
80	43.5	138.0	55,600	51.4	142.0	53,400				80
81	42.3	136.8	54,800	50.3	141.1	52,600				81
85	37.2	132.1	51,600	45.9	137.6	49,500				85
86	35.7	130.6	50,900	44.7	136.5	48,800	52.2	139.6	46,700	86
87	34.2	129.1	50,200	43.5	135.5	48,100	51.1	138.8	46,000	87
90	29.8	124.6	48,000	39.9	132.2	46,100	47.9	136.3	44,100	90
92	25.9	120.2	46,700	37.1	129.5	44,800	45.6	134.3	42,900	92
95	20.1	113.8	44,800	33.0	125.5	43,000	42.1	131.3	41,200	95
99	4.8	95.7	42,400	26.2	118.2	40,800	36.9	126.3	39,100	99
100				24.5	116.4	40,300	35.6	125.1	38,600	100
105				11.0	100.7	37,800	27.8	117.0	36,300	105
106				5.2	93.7	37,200	25.7	114.6	35,800	106
110							17.1	104.9	34,100	110
113							2.9	87.8	32,800	113



149,600 lb
+
60,400 lb

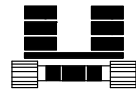


85.3 ft

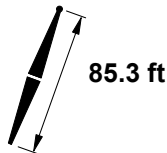


80.0 ft

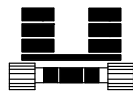
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
33	74.6	170.2	103,400 c							33
35	73.1	169.6	103,300 c							35
40	69.3	167.9	100,400 b							40
44	66.2	166.2	96,400 b	70.8	167.9	102,900 c				44
45	65.4	165.8	95,400 b	70.0	167.5	101,800 b				45
50	61.4	163.3	90,900	66.1	165.5	96,900 b				50
52	59.7	162.1	89,300	64.5	164.5	95,100 b	68.0	165.8	99,200 b	52
55	57.2	160.3	86,900	62.2	163.1	92,300	65.7	164.5	92,400 b	55
60	52.9	156.8	83,200	58.0	160.2	84,800	61.7	162.0	82,700	60
65	48.2	152.7	79,200	53.7	156.8	76,700	57.5	159.1	74,800	65
66	47.2	151.7	77,800	52.8	156.0	75,300	56.6	158.4	73,500	66
70	43.2	147.8	72,200	49.1	152.8	69,900	53.2	155.6	68,200	70
75	37.7	142.0	66,200	44.2	148.1	64,200	48.5	151.5	62,600	75
79	32.7	136.2	62,100	39.9	143.6	60,200	44.6	147.7	58,700	79
80	31.4	134.7	61,100	38.8	142.5	59,200	43.6	146.7	57,800	80
85	23.6	125.1	56,000	32.6	135.5	54,900	38.1	140.9	53,600	85
90	11.9	109.5	46,600	25.2	126.5	51,100	31.8	133.8	49,900	90
91	7.6	103.7	43,000	23.1	123.7	50,400	30.3	131.9	49,200	91
92				21.0	120.9	49,700	28.8	130.0	48,600	92
95				14.7	112.7	47,700	24.2	124.4	46,600	95
97				7.2	102.4	45,200	19.7	118.4	45,400	97
100							12.9	109.5	43,600	100
102							1.5	93.6	42,400	102
105										105
109										109
110										110
115										115
116										116
120										120
123										123



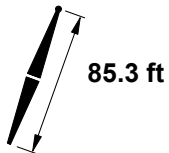
149,600 lb
+
60,400 lb



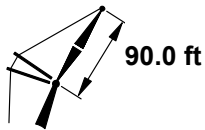
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
33										33
35										35
40										40
44										44
45										45
50										50
52										52
55										55
60										60
65										65
66										66
70										70
75										75
79										79
80										80
85										85
90										90
91										91
92										92
95										95
97										97
100										100
102										102
105										105
109										109
110										110
115										115
116										116
120										120
123										123



149,600 lb
+
60,400 lb

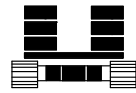


85.3 ft

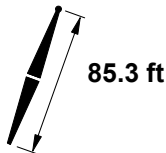


90.0 ft

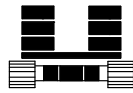
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
36	74.3	179.7	91,600 c							36
40	71.7	178.5	87,900 b							40
45	68.3	176.7	83,700 b							45
47	66.9	175.8	82,100 b	71.0	177.4	87,400 b				47
50	64.8	174.5	79,800	68.9	176.3	84,900 b				50
55	61.3	171.9	76,200	65.5	174.2	81,000				55
56	60.5	171.3	75,600	64.8	173.7	80,300	67.8	174.9	83,700 b	56
60	57.6	169.0	73,000	61.9	171.8	77,500	65.0	173.2	80,700	60
65	53.7	165.6	70,100	58.2	168.9	74,200	61.5	170.7	74,700	65
70	49.6	161.6	67,300	54.4	165.6	69,800	57.8	167.7	68,100	70
71	48.8	160.7	66,800	53.6	164.8	68,600	57.0	167.1	66,900	71
75	45.3	157.0	64,800	50.4	161.7	64,000	53.9	164.3	62,500	75
80	40.6	151.7	61,100	46.1	157.2	59,100	49.9	160.4	57,600	80
84	36.5	146.5	57,500	42.5	153.1	55,700	46.5	156.8	54,300	84
85	35.5	145.3	56,600	41.5	152.0	54,800	45.6	155.9	53,500	85
90	29.6	137.4	52,500	36.5	145.9	51,100	41.0	150.6	49,800	90
95	22.3	127.1	48,400	30.7	138.3	47,700	35.8	144.3	46,500	95
98	15.6	117.1	43,900	26.5	132.5	45,900	32.3	139.6	44,800	98
100	11.2	110.5	40,900	23.8	128.6	44,700	30.0	136.5	43,600	100
101	7.2	104.3	37,800	21.8	125.7	44,200	28.5	134.5	43,100	101
105				13.9	113.9	42,000	22.8	126.4	41,000	105
107				6.8	103.0	39,900	18.5	120.1	40,000	107
110							12.2	110.6	38,600	110
112							1.4	93.7	37,600	112
115										115
119										119
120										120
125										125
126										126
130										130
133										133



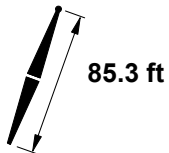
149,600 lb
+
60,400 lb



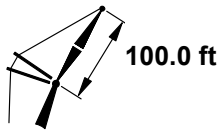
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
36										36
40										40
45										45
47										47
50										50
55										55
56										56
60										60
65										65
70										70
71	62.4	169.5	64,100							71
75	59.5	167.3	59,800							75
80	55.7	164.1	55,200							80
84	52.5	161.2	52,000	58.0	163.7	49,700				84
85	51.7	160.4	51,200	57.2	163.0	49,000				85
90	47.5	156.2	47,700	53.4	159.6	45,600				90
95	43.1	151.2	44,600	49.3	155.6	42,600				95
98	40.1	147.7	42,900	46.7	152.8	41,000	52.4	155.6	39,100	98
100	38.2	145.4	41,800	44.9	150.9	39,900	50.8	154.1	38,100	100
101	37.1	144.0	41,300	44.0	149.8	39,500	49.9	153.2	37,700	101
105	32.7	138.4	39,300	40.2	145.5	37,500	46.5	149.7	35,800	105
107	30.1	134.8	38,400	38.1	142.9	36,700	44.7	147.6	35,000	107
110	26.2	129.5	37,000	35.0	139.0	35,400	42.0	144.5	33,800	110
112	22.8	124.6	36,200	32.6	135.8	34,600	40.0	142.1	33,000	112
115	17.7	117.1	34,900	29.0	131.0	33,400	37.0	138.4	31,900	115
119	4.3	96.5	33,300	23.0	122.5	31,900	32.4	132.5	30,500	119
120				21.5	120.4	31,600	31.3	131.1	30,200	120
125				9.7	102.5	29,900	24.5	121.6	28,600	125
126				4.6	94.5	29,500	22.6	118.8	28,300	126
130							15.1	107.7	27,100	130
133							2.5	88.3	26,100	133



149,600 lb
+
60,400 lb

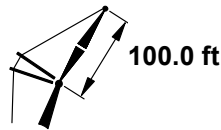
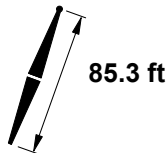


85.3 ft

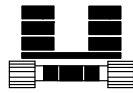


100.0 ft

	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	lb	ft	
38	74.8	189.5	84,100 c							38
40	73.6	189.0	82,400 b							40
45	70.6	187.3	78,300 b							45
50	67.5	185.4	74,600							50
51	66.9	185.0	73,900	70.5	186.6	78,600 b				51
55	64.4	183.2	71,100	68.1	185.1	75,700				55
60	61.1	180.6	67,900	64.9	182.9	72,200	67.7	184.1	75,200	60
65	57.8	177.7	64,900	61.7	180.4	68,900	64.6	181.9	71,900	65
70	54.3	174.3	62,100	58.4	177.6	65,900	61.3	179.3	67,800	70
75	50.7	170.5	59,500	55.0	174.3	63,100	58.0	176.4	62,200	75
80	46.9	166.1	57,200	51.4	170.5	58,900	54.6	173.1	57,400	80
85	42.9	161.1	55,000	47.6	166.3	54,600	51.0	169.3	53,200	85
90	38.5	155.3	52,600	43.6	161.4	50,800	47.2	164.9	49,500	90
95	33.6	148.4	48,700	39.3	155.7	47,500	43.1	160.0	46,300	95
100	28.0	140.0	45,200	34.5	149.1	44,600	38.8	154.2	43,400	100
104	22.5	131.2	42,700	30.2	142.6	42,400	34.9	148.8	41,300	104
105	21.1	129.0	42,000	29.1	141.0	41,900	33.9	147.4	40,800	105
110	10.6	111.4	35,800	22.5	130.7	39,500	28.4	139.1	38,500	110
111	6.8	104.9	33,300	20.6	127.6	39,000	27.0	137.0	38,000	111
115				13.2	115.1	37,200	21.6	128.4	36,300	115
117				6.4	103.5	35,100	17.6	121.7	35,500	117
120							11.6	111.6	34,300	120
122							1.3	93.9	33,500	122
125										125
129										129
130										130
135										135
136										136
140										140
143										143



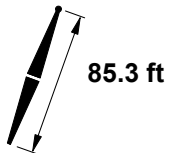
	75°			70°			65°		
ft	ft	ft	lb	ft	ft	lb	ft	ft	ft
38									38
40									40
45									45
50									50
51									51
55									55
60									60
65									65
70									70
75	62.8	178.7	59,500						75
80	59.5	175.9	54,900						80
85	56.1	172.8	50,900						85
90	52.6	169.2	47,400	57.5	171.7	45,200			90
95	48.9	165.1	44,300	54.1	168.3	42,300			95
100	45.0	160.5	41,500	50.4	164.4	39,600			100
104	41.6	156.1	39,500	47.4	160.9	37,700	52.5	163.6	104
105	40.8	155.1	39,000	46.6	160.0	37,200	51.8	162.9	105
110	36.2	148.8	36,800	42.5	154.9	35,100	48.0	158.6	110
111	35.1	147.3	36,400	41.6	153.8	34,700	47.2	157.7	111
115	31.0	141.2	34,700	38.1	149.0	33,100	44.0	153.8	115
117	28.5	137.5	34,000	36.1	146.2	32,400	42.3	151.6	117
120	24.8	131.8	32,800	33.2	142.1	31,300	39.7	148.2	120
122	21.6	126.5	32,200	30.9	138.6	30,700	37.8	145.6	122
125	16.8	118.6	31,100	27.5	133.5	29,700	35.0	141.7	125
129	4.0	96.8	29,700	21.8	124.5	28,500	30.7	135.4	129
130				20.4	122.3	28,200	29.6	133.8	130
135				9.2	103.4	26,700	23.2	123.7	135
136				4.3	94.9	26,400	21.4	120.8	136
140							14.3	109.0	140
143							2.4	88.5	143



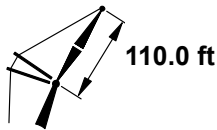
149,600 lb
+
60,400 lb



360°

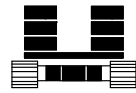


85.3 ft

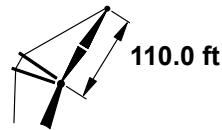
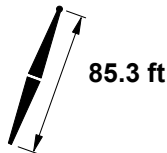


110.0 ft

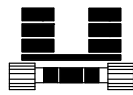
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
41	74.6	199.1	75,700 b							41
45	72.4	197.9	73,200 b							45
50	69.6	196.2	70,100							50
54	67.4	194.6	67,900	70.7	196.2	71,500				54
55	66.8	194.2	67,400	70.1	195.8	71,000				55
60	64.0	191.9	64,800	67.3	193.9	68,200				60
64	61.6	189.8	62,700	65.1	192.1	66,100	67.6	193.3	68,400	64
65	61.0	189.3	62,200	64.5	191.6	65,600	67.0	192.8	67,800	65
70	58.0	186.3	59,800	61.6	189.1	63,100	64.1	190.6	65,300	70
75	54.9	183.0	57,400	58.6	186.2	60,700	61.2	188.0	62,100	75
80	51.6	179.3	55,200	55.5	183.0	58,200	58.2	185.1	57,300	80
85	48.2	175.1	53,000	52.2	179.3	54,600	55.1	181.8	53,200	85
90	44.6	170.3	51,100	48.9	175.2	50,800	51.8	178.1	49,500	90
95	40.8	164.9	48,800	45.3	170.6	47,500	48.4	173.9	46,300	95
100	36.6	158.6	45,400	41.5	165.3	44,600	44.9	169.2	43,400	100
105	32.0	151.3	42,300	37.4	159.2	41,900	41.0	163.8	40,800	105
110	26.7	142.4	39,600	32.9	152.1	39,500	36.9	157.6	38,500	110
115	20.1	130.9	37,000	27.7	143.5	37,400	32.3	150.4	36,400	115
120	10.1	112.4	29,800	21.5	132.6	35,400	27.0	141.6	34,400	120
121	6.5	105.5	27,700	19.7	129.3	35,000	25.8	139.3	34,100	121
125				12.6	116.3	33,400	20.6	130.3	32,700	125
127				6.1	104.1	29,300	16.8	123.2	32,000	127
130							11.0	112.6	31,000	130
132							1.2	94.0	28,100	132
135										135
139										139
140										140
145										145
146										146
150										150
153										153



149,600 lb
+
60,400 lb



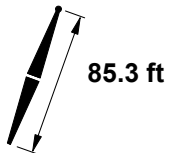
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
41										41
45										45
50										50
54										54
55										55
60										60
64										64
65										65
70										70
75										75
80	62.5	187.4	54,800							80
85	59.6	184.6	50,800							85
90	56.5	181.5	47,300							90
95	53.3	178.0	44,200	57.7	180.4	42,200				95
100	50.0	174.0	41,500	54.6	177.0	39,600				100
105	46.5	169.5	39,000	51.3	173.3	37,200				105
110	42.8	164.5	36,800	47.9	169.0	35,100	52.5	171.6	33,400	110
115	38.8	158.7	34,700	44.3	164.2	33,100	49.2	167.6	31,500	115
120	34.4	151.9	32,900	40.5	158.7	31,400	45.6	163.0	29,900	120
121	33.4	150.3	32,600	39.6	157.4	31,000	44.9	161.9	29,500	121
125	29.5	143.9	31,200	36.3	152.4	29,700	41.9	157.7	28,300	125
127	27.2	139.9	30,600	34.4	149.4	29,100	40.2	155.3	27,700	127
130	23.7	133.9	29,600	31.6	145.0	28,200	37.8	151.8	26,900	130
132	20.6	128.4	29,000	29.4	141.3	27,700	36.0	149.0	26,400	132
135	16.0	120.1	28,200	26.2	135.9	26,900	33.3	144.8	25,600	135
139	3.9	97.2	27,000	20.8	126.4	25,800	29.2	138.0	24,600	139
140				19.5	124.0	25,600	28.2	136.4	24,300	140
145				8.8	104.1	24,300	22.1	125.7	23,200	145
146				4.1	95.3	24,000	20.4	122.6	23,000	146
150							13.6	110.2	22,100	150
153							2.3	88.7	21,400	153



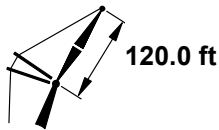
149,600 lb
+
60,400 lb



360°

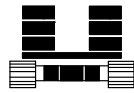


85.3 ft

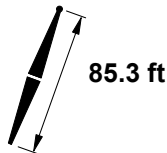


120.0 ft

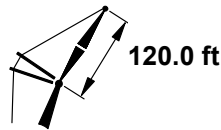
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
43	74.9	208.9	69,000 b							43
45	73.9	208.3	67,900 b							45
50	71.4	206.8	65,000							50
55	68.9	205.0	62,300							55
57	67.8	204.1	61,200	70.9	205.7	64,500				57
60	66.3	202.9	59,700	69.3	204.6	63,000				60
65	63.6	200.6	57,300	66.8	202.6	60,400				65
67	62.6	199.5	56,300	65.7	201.7	59,400	68.0	202.8	61,600	67
70	60.9	197.9	54,900	64.1	200.3	58,000	66.4	201.6	60,100	70
75	58.2	195.0	52,800	61.4	197.8	55,700	63.8	199.3	57,700	75
80	55.3	191.7	50,600	58.7	194.9	53,500	61.1	196.7	55,500	80
84	53.0	188.8	49,100	56.4	192.3	51,800	58.9	194.3	53,400	84
85	52.4	188.1	48,700	55.8	191.7	51,400	58.4	193.7	52,900	85
90	49.3	184.0	46,700	52.9	188.1	49,400	55.5	190.5	49,200	90
95	46.0	179.4	44,900	49.9	184.1	47,300	52.6	186.8	46,000	95
100	42.6	174.3	43,200	46.7	179.6	44,300	49.5	182.8	43,100	100
105	39.0	168.5	41,500	43.3	174.6	41,700	46.3	178.3	40,600	105
110	35.0	161.9	39,600	39.7	169.0	39,300	42.9	173.2	38,200	110
115	30.6	154.1	37,100	35.8	162.5	37,100	39.2	167.5	36,100	115
116	29.6	152.2	36,600	34.9	161.0	36,800	38.4	166.1	35,700	116
120	25.5	144.7	34,800	31.5	155.0	35,200	35.3	160.9	34,200	120
125	19.3	132.6	32,700	26.5	145.9	33,400	30.9	153.2	32,500	125
130	9.7	113.2	26,400	20.5	134.5	31,700	25.9	143.9	30,800	130
131	6.2	106.1	24,600	18.8	131.0	31,300	24.6	141.6	30,500	131
135				12.0	117.3	29,600	19.7	132.0	29,300	135
137				5.9	104.6	26,100	16.0	124.6	28,700	137
140							10.5	113.5	27,900	140
142							1.2	94.1	25,100	142
145										145
149										149
150										150
155										155
156										156
160										160
163										163



149,600 lb
+
60,400 lb

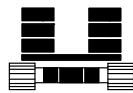


85.3 ft

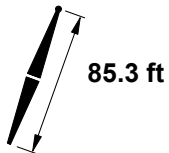


120.0 ft

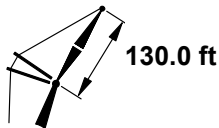
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
43										43
45										45
50										50
55										55
57										57
60										60
65										65
67										67
70										70
75										75
80										80
84	62.9	196.6	51,300							84
85	62.3	196.0	50,500							85
90	59.6	193.3	47,000							90
95	56.8	190.2	43,900							95
100	53.9	186.7	41,200	57.9	189.0	39,200				100
105	50.9	182.9	38,700	55.1	185.7	36,900				105
110	47.7	178.5	36,500	52.1	182.1	34,700				110
115	44.4	173.7	34,500	49.0	177.9	32,800				115
116	43.7	172.6	34,100	48.4	177.0	32,500	52.6	179.6	30,800	116
120	40.9	168.3	32,600	45.8	173.3	31,000	50.1	176.4	29,500	120
125	37.1	162.1	30,900	42.3	168.2	29,400	47.0	172.0	28,000	125
130	32.9	155.0	29,400	38.7	162.3	28,000	43.6	167.1	26,600	130
131	32.0	153.3	29,100	37.9	161.0	27,700	42.9	166.0	26,300	131
135	28.2	146.5	28,000	34.7	155.6	26,600	40.0	161.5	25,300	135
137	26.0	142.3	27,400	32.9	152.4	26,100	38.5	158.9	24,800	137
140	22.6	136.0	26,600	30.2	147.7	25,300	36.1	155.1	24,000	140
142	19.7	130.2	26,100	28.1	143.9	24,800	34.4	152.1	23,600	142
145	15.3	121.4	25,400	25.1	138.2	24,100	31.9	147.7	22,900	145
149	3.7	97.5	24,300	19.9	128.2	23,200	28.0	140.6	22,100	149
150				18.6	125.7	23,000	27.0	138.8	21,900	150
155				8.4	104.9	21,900	21.2	127.6	20,900	155
156				4.0	95.7	21,700	19.5	124.4	20,700	156
160							13.0	111.4	19,900	160
163							2.2	88.9	19,300	163



149,600 lb
+
60,400 lb

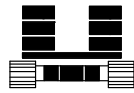


85.3 ft

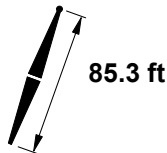


130.0 ft

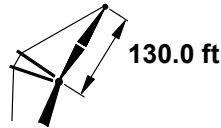
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
46	74.7	218.4	52,100 b							46
50	72.9	217.3	51,200							50
55	70.6	215.6	50,100							55
60	68.2	213.7	49,100	71.0	215.3	50,500				60
65	65.8	211.6	48,200	68.6	213.4	49,600				65
70	63.4	209.2	47,200	66.2	211.3	48,700				70
71	62.9	208.7	46,900	65.8	210.9	48,500	67.9	212.0	49,200	71
75	60.9	206.6	45,400	63.8	209.0	47,800	66.0	210.3	48,500	75
80	58.3	203.7	43,600	61.3	206.4	45,900	63.5	207.9	47,600	80
85	55.7	200.4	41,800	58.8	203.5	44,200	61.0	205.3	45,800	85
89	53.5	197.5	40,500	56.7	201.0	42,700	59.0	203.0	44,300	89
90	53.0	196.8	40,200	56.2	200.4	42,300	58.5	202.4	44,000	90
95	50.2	192.9	38,700	53.5	196.8	40,700	55.9	199.2	42,200	95
100	47.2	188.5	37,200	50.7	192.9	39,100	53.1	195.6	40,600	100
105	44.1	183.6	35,700	47.8	188.6	37,600	50.3	191.7	39,000	105
106	43.5	182.5	35,500	47.2	187.7	37,300	49.8	190.8	38,700	106
110	40.9	178.1	34,300	44.7	183.8	36,200	47.4	187.3	37,600	110
115	37.4	172.0	33,100	41.5	178.5	34,900	44.3	182.4	36,000	115
120	33.6	165.0	32,000	38.1	172.5	33,500	41.1	177.0	34,000	120
122	31.9	161.7	31,600	36.6	169.7	33,100	39.7	174.6	33,300	122
125	29.4	156.8	30,900	34.3	165.6	32,400	37.6	170.9	32,300	125
130	24.5	147.0	30,000	30.2	157.7	31,300	33.8	164.0	30,700	130
135	18.5	134.3	29,200	25.5	148.3	30,000	29.7	155.9	29,200	135
140	9.3	114.0	23,700	19.7	136.2	28,600	24.8	146.2	27,800	140
141	6.0	106.6	22,100	18.1	132.7	28,200	23.7	143.7	27,600	141
145				11.5	118.4	26,600	18.9	133.7	26,500	145
147				5.6	105.1	23,500	15.4	126.0	26,000	147
150							10.1	114.4	25,300	150
152							1.1	94.2	22,700	152
155										155
159										159
160										160
165										165
166										166
170										170
173										173



149,600 lb
+
60,400 lb

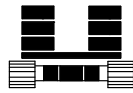


85.3 ft

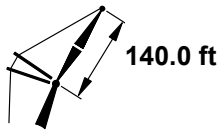
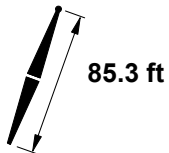


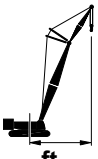
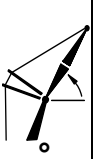
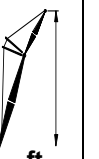
130.0 ft

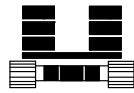
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
46										46
50										50
55										55
60										60
65										65
70										70
71										71
75										75
80										80
85										85
89	62.6	205.2	46,600							89
90	62.1	204.7	46,300							90
95	59.6	201.9	43,700							95
100	57.0	198.8	40,900							100
105	54.4	195.4	38,500							105
106	53.8	194.7	38,000	57.6	197.1	36,200				106
110	51.6	191.7	36,300	55.5	194.4	34,500				110
115	48.7	187.5	34,300	52.7	190.8	32,600				115
120	45.7	182.9	32,400	49.9	186.8	30,800				120
122	44.5	180.8	31,800	48.7	185.0	30,200	52.6	187.6	28,700	122
125	42.6	177.7	30,700	47.0	182.4	29,200	50.9	185.3	27,700	125
130	39.2	171.9	29,200	43.9	177.5	27,800	48.0	181.0	26,300	130
135	35.6	165.4	27,800	40.6	172.0	26,400	45.0	176.3	25,000	135
140	31.6	157.9	26,500	37.1	165.7	25,100	41.8	171.0	23,800	140
141	30.7	156.1	26,200	36.3	164.3	24,900	41.1	169.8	23,600	141
145	27.1	149.0	25,200	33.3	158.6	24,000	38.4	165.0	22,700	145
147	24.9	144.5	24,800	31.5	155.3	23,500	36.9	162.3	22,300	147
150	21.7	137.9	24,100	29.0	150.4	22,900	34.7	158.3	21,700	150
152	18.9	131.9	23,700	27.0	146.4	22,500	33.0	155.2	21,300	152
155	14.7	122.7	23,000	24.1	140.3	21,800	30.6	150.5	20,700	155
159	3.5	97.8	22,100	19.1	129.9	21,100	26.9	143.0	20,000	159
160				17.9	127.3	20,900	25.9	141.2	19,800	160
165				8.1	105.6	19,900	20.3	129.5	18,900	165
166				3.8	96.0	19,700	18.8	126.1	18,700	166
170							12.5	112.5	18,100	170
173							2.1	89.1	17,500	173



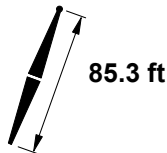
149,600 lb
+
60,400 lb



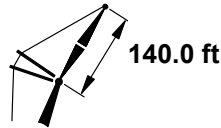
	87°			83°			80°			
										
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
48	75.0	228.3	48,400							48
50	74.1	227.7	48,000							50
55	72.0	226.2	47,000							55
60	69.8	224.4	46,100							60
64	68.1	222.9	45,400	70.7	224.5	46,600				64
65	67.6	222.5	45,200	70.2	224.1	46,400				65
70	65.4	220.3	43,500	68.0	222.2	45,600				70
75	63.1	217.9	41,600	65.8	220.1	43,900	67.8	221.2	45,400	75
80	60.8	215.3	39,900	63.5	217.7	42,100	65.5	219.0	43,700	80
85	58.4	212.3	38,200	61.2	215.1	40,400	63.3	216.6	41,900	85
90	56.0	209.1	36,600	58.9	212.2	38,700	61.0	214.0	40,200	90
93	54.5	207.0	35,700	57.4	210.3	37,700	59.5	212.2	39,200	93
95	53.5	205.6	35,000	56.5	209.0	37,100	58.6	211.1	38,500	95
100	50.9	201.7	33,600	54.0	205.6	35,500	56.2	207.9	36,900	100
105	48.2	197.4	32,300	51.4	201.8	34,100	53.7	204.3	35,500	105
110	45.4	192.7	30,900	48.7	197.6	32,700	51.1	200.5	34,000	110
111	44.8	191.7	30,700	48.2	196.6	32,400	50.5	199.6	33,700	111
115	42.5	187.5	29,600	45.9	193.0	31,300	48.4	196.3	32,500	115
120	39.3	181.8	28,500	43.0	187.9	30,000	45.6	191.6	31,300	120
125	36.0	175.3	27,300	39.9	182.2	28,800	42.7	186.4	30,000	125
128	33.8	170.9	26,700	37.9	178.4	28,100	40.8	183.0	29,200	128
130	32.3	167.9	26,300	36.6	175.9	27,700	39.5	180.7	28,800	130
135	28.3	159.4	25,300	33.0	168.7	26,600	36.2	174.3	27,600	135
140	23.6	149.1	24,400	29.1	160.4	25,600	32.6	167.0	26,600	140
145	17.8	135.9	23,700	24.5	150.5	24,700	28.6	158.5	25,600	145
150	9.0	114.8	21,200	19.0	137.9	23,900	23.9	148.4	24,700	150
151	5.8	107.1	19,700	17.4	134.2	23,800	22.8	145.8	24,600	151
155				11.1	119.4	23,400	18.2	135.4	24,000	155
157				5.4	105.6	21,000	14.8	127.3	23,500	157
160							9.8	115.3	22,900	160
162							1.1	94.3	20,300	162
165										165
169										169
170										170
175										175
176										176
180										180
183										183



149,600 lb
+
60,400 lb

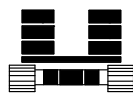


85.3 ft

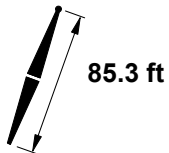


140.0 ft

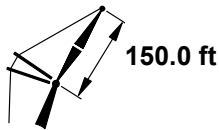
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
48										48
50										50
55										55
60										60
64										64
65										65
70										70
75										75
80										80
85										85
90										90
93	62.9	214.4	41,300							93
95	62.0	213.4	40,700							95
100	59.6	210.6	39,100							100
105	57.2	207.5	37,500							105
110	54.8	204.1	36,000							110
111	54.3	203.4	35,600	57.8	205.8	33,800				111
115	52.2	200.4	33,900	55.8	203.1	32,200				115
120	49.6	196.4	32,100	53.3	199.6	30,500				120
125	46.9	191.9	30,500	50.7	195.7	28,900				125
128	45.1	189.0	29,500	49.1	193.1	28,000	52.7	195.6	26,500	128
130	44.0	187.0	28,900	48.0	191.4	27,400	51.6	194.1	26,000	130
135	40.9	181.5	27,500	45.2	186.6	26,100	49.0	189.9	24,700	135
140	37.7	175.4	26,200	42.2	181.4	24,800	46.2	185.4	23,500	140
145	34.2	168.5	25,000	39.1	175.6	23,700	43.3	180.3	22,400	145
150	30.4	160.6	23,800	35.7	169.0	22,600	40.2	174.7	21,400	150
151	29.5	158.8	23,600	34.9	167.5	22,400	39.6	173.5	21,200	151
155	26.1	151.3	22,800	32.0	161.6	21,600	36.9	168.4	20,400	155
157	24.0	146.7	22,400	30.4	158.1	21,200	35.5	165.6	20,000	157
160	20.9	139.8	21,800	27.9	152.9	20,600	33.4	161.3	19,500	160
162	18.2	133.5	21,400	26.0	148.7	20,300	31.8	158.1	19,100	162
165	14.2	124.0	20,800	23.2	142.4	19,700	29.5	153.2	18,600	165
169	3.4	98.1	20,000	18.4	131.6	19,000	25.9	145.4	18,000	169
170				17.2	128.8	18,900	25.0	143.4	17,800	170
175				7.8	106.3	18,000	19.6	131.2	17,100	175
176				3.7	96.3	17,800	18.1	127.7	16,900	176
180							12.1	113.6	16,300	180
183							2.0	89.3	15,800	183



149,600 lb
+
60,400 lb



85.3 ft

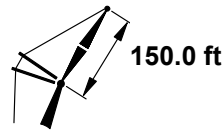
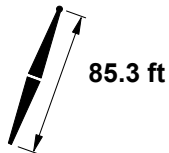


150.0 ft

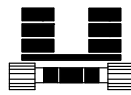
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
51	74.8	237.8	44,800							51
55	73.2	236.7	44,000							55
60	71.2	235.1	43,200							60
65	69.2	233.3	41,900							65
67	68.4	232.4	41,200	70.8	234.0	43,100				67
70	67.1	231.2	40,100	69.6	232.9	42,300				70
75	65.0	229.0	38,400	67.5	231.0	40,500				75
79	63.3	227.1	37,100	65.8	229.2	39,200	67.7	230.3	40,500	79
80	62.9	226.6	36,800	65.4	228.8	38,800	67.3	229.9	40,200	80
85	60.8	223.9	35,200	63.3	226.4	37,100	65.2	227.7	38,600	85
90	58.5	221.0	33,600	61.2	223.7	35,600	63.1	225.3	37,000	90
95	56.3	217.8	32,200	59.0	220.9	34,100	60.9	222.6	35,400	95
98	54.9	215.7	31,300	57.6	219.0	33,100	59.6	220.9	34,500	98
100	53.9	214.3	30,700	56.7	217.7	32,500	58.7	219.7	33,900	100
105	51.5	210.5	29,300	54.4	214.3	31,200	56.4	216.5	32,400	105
110	49.1	206.3	28,000	52.0	210.5	29,800	54.1	213.1	31,000	110
115	46.5	201.8	26,800	49.5	206.5	28,500	51.7	209.3	29,700	115
116	45.9	200.8	26,600	49.0	205.6	28,200	51.2	208.5	29,400	116
120	43.8	196.8	25,700	47.0	202.0	27,200	49.2	205.2	28,400	120
125	41.0	191.3	24,500	44.3	197.1	26,000	46.7	200.7	27,100	125
130	37.9	185.3	23,500	41.5	191.7	24,900	44.0	195.7	25,900	130
134	35.4	179.8	22,700	39.1	187.0	24,000	41.7	191.3	25,000	134
135	34.7	178.5	22,500	38.5	185.8	23,800	41.1	190.3	24,800	135
140	31.2	170.8	21,600	35.3	179.1	22,800	38.1	184.2	23,700	140
145	27.3	161.8	20,700	31.9	171.6	21,800	34.9	177.5	22,800	145
150	22.8	151.1	19,900	28.1	162.9	21,000	31.4	169.8	21,800	150
155	17.2	137.4	19,200	23.7	152.6	20,100	27.6	161.0	20,900	155
160	8.7	115.6	18,700	18.4	139.6	19,400	23.1	150.4	20,100	160
161	5.6	107.6	17,800	16.8	135.7	19,300	22.0	147.7	20,000	161
165				10.7	120.3	18,900	17.6	137.0	19,400	165
167				5.2	106.1	18,800	14.3	128.6	19,200	167
170							9.4	116.2	18,900	170
172							1.1	94.4	18,400	172
175										175
179										179
180										180
185										185
186										186
190										190
193										193



149,600 lb
+
60,400 lb



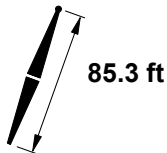
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
51										51
55										55
60										60
65										65
67										67
70										70
75										75
79										79
80										80
85										85
90										90
95										95
98	62.7	223.1	36,500							98
100	61.9	222.1	35,900							100
105	59.7	219.3	34,400							105
110	57.4	216.2	33,000							110
115	55.1	212.9	31,600							115
116	54.7	212.1	31,300	57.9	214.4	31,800				116
120	52.8	209.2	30,200	56.1	211.8	30,400				120
125	50.3	205.2	29,000	53.7	208.3	28,800				125
130	47.8	200.9	27,700	51.3	204.5	27,300				130
134	45.7	197.1	26,800	49.3	201.1	26,300	52.7	203.6	24,900	134
135	45.2	196.2	26,500	48.9	200.3	26,000	52.2	202.9	24,600	135
140	42.4	190.9	25,300	46.3	195.7	24,800	49.8	198.8	23,400	140
145	39.5	185.2	24,300	43.6	190.7	23,600	47.2	194.4	22,300	145
150	36.4	178.8	23,200	40.7	185.2	22,500	44.5	189.5	21,300	150
155	33.0	171.6	22,300	37.7	179.1	21,500	41.8	184.2	20,300	155
160	29.4	163.3	21,400	34.4	172.2	20,600	38.8	178.3	19,400	160
161	28.5	161.3	21,200	33.7	170.6	20,400	38.2	177.0	19,300	161
165	25.2	153.6	20,500	30.9	164.4	19,700	35.6	171.7	18,600	165
167	23.2	148.8	20,200	29.3	160.8	19,400	34.3	168.7	18,300	167
170	20.2	141.6	19,800	27.0	155.3	18,900	32.2	164.3	17,800	170
172	17.6	135.1	19,500	25.1	151.0	18,500	30.7	160.9	17,500	172
175	13.7	125.2	19,100	22.4	144.4	18,100	28.4	155.7	17,000	175
179	3.3	98.4	18,400	17.8	133.2	17,500	25.0	147.6	16,500	179
180				16.7	130.3	17,300	24.1	145.6	16,300	180
185				7.5	107.0	16,600	18.9	132.9	15,600	185
186				3.5	96.6	16,400	17.4	129.2	15,500	186
190							11.6	114.6	15,000	190
193							2.0	89.4	14,500	193



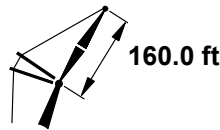
149,600 lb
+
60,400 lb



360°

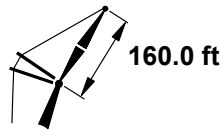
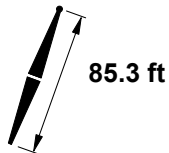


85.3 ft

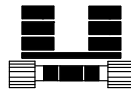


160.0 ft

	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
54	74.7	247.3	41,200							54
55	74.3	247.1	41,100							55
60	72.4	245.6	40,100							60
65	70.5	243.9	38,400							65
70	68.6	242.0	36,700	70.9	243.5	38,600				70
75	66.7	240.0	35,000	69.0	241.7	37,000				75
80	64.7	237.7	33,400	67.1	239.7	35,400				80
82	63.9	236.7	32,800	66.3	238.8	34,800	68.0	239.9	36,100	82
85	62.7	235.3	31,900	65.1	237.5	33,800	66.8	238.7	35,200	85
90	60.7	232.6	30,400	63.1	235.1	32,300	64.9	236.4	33,600	90
95	58.6	229.6	29,000	61.1	232.4	30,800	62.9	234.0	32,100	95
100	56.5	226.5	27,600	59.0	229.5	29,400	60.8	231.3	30,700	100
102	55.6	225.1	27,100	58.2	228.3	28,800	60.0	230.1	30,100	102
105	54.3	223.0	26,300	56.9	226.4	28,000	58.8	228.4	29,300	105
110	52.1	219.3	25,100	54.7	223.0	26,700	56.6	225.2	27,800	110
115	49.8	215.2	23,800	52.5	219.3	25,400	54.5	221.8	26,500	115
120	47.4	210.8	22,700	50.2	215.3	24,200	52.2	218.1	25,300	120
122	46.4	208.9	22,200	49.3	213.6	23,700	51.3	216.5	24,800	122
125	44.9	206.0	21,600	47.9	211.0	23,000	49.9	214.0	24,100	125
130	42.3	200.8	20,600	45.4	206.3	21,900	47.6	209.7	22,900	130
135	39.6	195.0	19,600	42.8	201.1	20,800	45.1	204.9	21,800	135
140	36.7	188.6	18,600	40.1	195.4	19,800	42.5	199.7	20,800	140
145	33.6	181.5	17,800	37.2	189.2	18,900	39.8	193.9	19,800	145
150	30.2	173.5	16,900	34.2	182.2	18,000	36.9	187.6	18,800	150
155	26.4	164.2	16,200	30.8	174.4	17,200	33.8	180.6	17,900	155
160	22.1	153.1	15,400	27.2	165.4	16,400	30.4	172.6	17,100	160
165	16.7	138.9	14,600	22.9	154.7	15,600	26.7	163.4	16,300	165
170	8.4	116.4	13,800	17.8	141.2	14,800	22.4	152.4	15,600	170
171	5.4	108.1	13,600	16.3	137.2	14,700	21.3	149.6	15,400	171
175				10.4	121.2	13,900	17.0	138.5	14,800	175
177				5.1	106.5	13,700	13.9	129.9	14,400	177
180							9.1	117.0	13,900	180
182							1.0	94.5	13,700	182
185										185
189										189
190										190
195										195
196										196
200										200
203										203



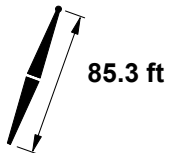
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
54										54
55										55
60										60
65										65
70										70
75										75
80										80
82										82
85										85
90										90
95										95
100										100
102	63.0	232.3	32,000							102
105	61.7	230.7	31,100							105
110	59.7	227.9	29,800							110
115	57.6	224.9	28,400							115
120	55.5	221.6	27,100							120
122	54.6	220.1	26,600	57.6	222.5	28,200				122
125	53.2	218.0	25,800	56.3	220.5	27,500				125
130	51.0	214.1	24,600	54.2	217.0	26,200				130
135	48.6	209.9	23,400	51.9	213.3	25,000				135
140	46.2	205.3	22,400	49.6	209.2	23,900	52.7	211.6	23,100	140
145	43.7	200.2	21,300	47.2	204.8	22,700	50.4	207.7	22,000	145
150	41.0	194.8	20,200	44.7	199.9	21,700	48.1	203.4	21,000	150
155	38.2	188.7	19,300	42.1	194.6	20,700	45.6	198.7	20,000	155
160	35.2	182.0	18,400	39.4	188.8	19,700	43.1	193.6	19,100	160
165	32.0	174.5	17,500	36.4	182.4	18,800	40.4	188.0	18,300	165
170	28.4	165.9	16,700	33.3	175.2	17,900	37.5	181.8	17,500	170
171	27.6	163.9	16,600	32.6	173.6	17,700	36.9	180.4	17,300	171
175	24.4	155.8	15,900	29.9	167.1	17,000	34.5	174.9	16,700	175
177	22.4	150.8	15,700	28.4	163.3	16,700	33.1	171.8	16,500	177
180	19.6	143.4	15,300	26.1	157.7	16,200	31.2	167.1	16,000	180
182	17.0	136.6	14,900	24.3	153.2	16,000	29.7	163.6	15,800	182
185	13.2	126.4	14,300	21.7	146.4	15,600	27.5	158.2	15,400	185
189	3.2	98.7	13,700	17.2	134.7	14,800	24.2	149.8	14,900	189
190				16.1	131.8	14,700	23.3	147.7	14,700	190
195				7.3	107.6	13,800	18.3	134.6	14,100	195
196				3.4	96.9	13,700	16.9	130.8	14,000	196
200							11.3	115.6	13,500	200
203							1.9	89.6	13,100	203



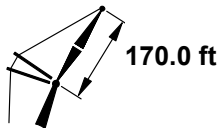
149,600 lb
+
60,400 lb



360°



85.3 ft

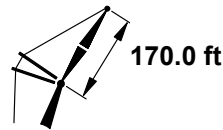
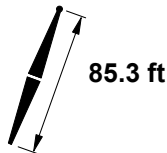


170.0 ft

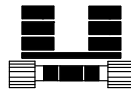
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
56	74.9	257.2	38,100							56
60	73.5	256.0	37,000							60
65	71.7	254.5	35,400							65
70	70.0	252.7	33,800							70
73	68.9	251.6	32,900	71.0	253.1	34,800				73
75	68.1	250.8	32,200	70.3	252.4	34,100				75
80	66.3	248.7	30,800	68.5	250.5	32,600				80
85	64.5	246.4	29,300	66.7	248.4	31,100				85
86	64.1	245.9	29,000	66.3	248.0	30,800	67.9	249.1	32,000	86
90	62.6	243.9	27,900	64.8	246.2	29,600	66.4	247.4	30,800	90
95	60.7	241.2	26,500	62.9	243.7	28,200	64.6	245.1	29,400	95
100	58.7	238.3	25,200	61.0	241.1	26,800	62.7	242.6	28,000	100
105	56.7	235.2	23,900	59.1	238.2	25,500	60.8	240.0	26,700	105
107	55.9	233.8	23,500	58.3	236.9	25,000	60.0	238.8	26,200	107
110	54.7	231.7	22,800	57.1	235.1	24,300	58.8	237.1	25,400	110
115	52.6	228.1	21,600	55.1	231.7	23,000	56.8	233.9	24,100	115
120	50.4	224.1	20,500	53.0	228.1	21,900	54.8	230.5	22,900	120
125	48.2	219.8	19,400	50.8	224.2	20,700	52.7	226.9	21,800	125
127	47.3	217.9	19,000	49.9	222.5	20,300	51.9	225.3	21,300	127
130	45.9	215.1	18,400	48.6	219.9	19,700	50.6	222.9	20,700	130
135	43.5	210.1	17,500	46.3	215.3	18,700	48.4	218.6	19,600	135
140	41.0	204.6	16,500	44.0	210.4	17,700	46.1	214.0	18,600	140
145	38.4	198.6	15,700	41.5	205.0	16,800	43.7	209.0	17,600	145
146	37.8	197.2	15,500	40.9	203.8	16,600	43.2	207.9	17,400	146
150	35.6	191.9	14,900	38.9	199.0	15,900	41.2	203.5	16,600	150
155	32.6	184.5	14,100	36.1	192.5	15,000	38.5	197.5	15,800	155
160	29.3	176.2	13,300	33.1	185.3	14,200	35.8	190.9	15,000	160
165	25.6	166.5	12,300	29.9	177.1	13,500	32.8	183.6	14,200	165
170	21.4	155.0	11,500	26.3	167.7	12,600	29.5	175.3	13,400	170
175	16.2	140.3	10,600	22.2	156.7	11,600	25.9	165.7	12,400	175
180	8.1	117.1	9,900	17.2	142.7	10,800	21.7	154.4	11,600	180
181	5.2	108.5	9,800	15.8	138.6	10,600	20.7	151.5	11,400	181
185				10.1	122.1	10,000	16.5	140.0	10,700	185
187				4.9	106.9	9,800	13.5	131.1	10,400	187
190							8.9	117.8	9,900	190
192							1.0	94.5	9,800	192
195										195
199										199
200										200
205										205
206										206
210										210
213										213

MLC200 S-2

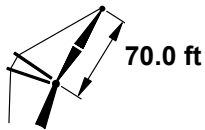
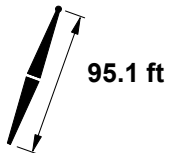
ASME B30.5



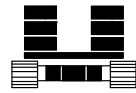
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
56										56
60										60
65										65
70										70
73										73
75										75
80										80
85										85
86										86
90										90
95										95
100										100
105										105
107	62.8	241.0	27,900							107
110	61.6	239.4	27,200							110
115	59.7	236.6	25,900							115
120	57.7	233.5	24,600							120
125	55.7	230.3	23,400							125
127	54.9	228.8	23,000	57.8	231.1	24,500				127
130	53.7	226.7	22,300	56.6	229.2	23,800				130
135	51.5	222.9	21,100	54.5	225.8	22,600				135
140	49.4	218.8	20,100	52.4	222.1	21,600				140
145	47.1	214.3	19,100	50.3	218.1	20,500				145
146	46.6	213.3	18,900	49.8	217.2	20,300	52.7	219.6	21,500	146
150	44.7	209.4	18,100	48.0	213.7	19,400	51.0	216.5	20,700	150
155	42.3	204.2	17,100	45.7	209.0	18,500	48.8	212.3	19,700	155
160	39.7	198.4	16,200	43.3	204.0	17,500	46.6	207.7	18,800	160
165	37.0	192.1	15,400	40.8	198.4	16,600	44.2	202.8	17,800	165
170	34.1	185.1	14,600	38.1	192.3	15,800	41.7	197.4	16,900	170
175	31.0	177.3	13,800	35.3	185.6	14,900	39.1	191.6	16,100	175
180	27.5	168.4	12,900	32.3	178.2	14,100	36.4	185.1	15,200	180
181	26.8	166.3	12,700	31.6	176.5	14,000	35.8	183.7	15,100	181
185	23.6	157.9	12,000	29.0	169.7	13,300	33.4	177.9	14,400	185
187	21.8	152.8	11,700	27.5	165.8	13,000	32.1	174.7	14,100	187
190	19.0	145.1	11,100	25.3	160.0	12,400	30.2	169.9	13,700	190
192	16.5	138.1	10,800	23.6	155.3	12,000	28.8	166.2	13,300	192
195	12.8	127.6	10,300	21.0	148.3	11,500	26.7	160.6	12,800	195
199	3.1	99.0	9,800	16.7	136.2	10,800	23.4	151.9	12,000	199
200				15.6	133.2	10,600	22.6	149.7	11,900	200
205				7.1	108.2	9,900	17.7	136.1	11,000	205
206				3.3	97.2	9,800	16.4	132.2	10,800	206
210							10.9	116.6	10,200	210
213							1.8	89.8	9,800	213



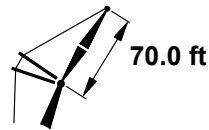
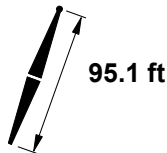
149,600 lb
+
60,400 lb



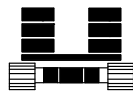
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
31	74.4	170.3	110,400 d							31
35	71.0	169.1	110,400 c							35
40	66.6	167.1	108,600 b							40
42	64.8	166.2	106,500 b	70.7	168.2	112,100 c				42
45	62.1	164.7	103,400 b	68.0	167.1	111,100 c				45
50	57.3	161.8	98,700	63.6	164.8	105,700 b	68.0	166.2	103,800 c	50
55	52.3	158.3	94,700	58.9	162.1	94,400 b	63.5	163.9	91,900 b	55
60	47.0	154.0	87,600	54.0	158.7	84,600	58.8	161.2	82,300 b	60
64	42.2	149.9	80,900	49.8	155.5	78,100	54.9	158.5	76,000 b	64
65	41.1	148.9	79,300	48.7	154.7	76,500	53.9	157.8	74,500	65
70	34.4	142.4	72,300	43.0	149.9	69,800	48.6	153.8	67,900	70
75	26.3	133.8	66,300	36.6	143.9	64,000	42.9	148.9	62,300	75
77	21.5	128.4	61,300	33.6	140.8	62,000	40.4	146.5	60,400	77
80	14.5	120.4	53,800	29.1	136.2	59,100	36.5	142.9	57,500	80
82	4.6	108.5	45,400	25.1	131.7	57,300	33.5	139.8	55,800	82
85				19.0	125.0	54,700	28.9	135.1	53,300	85
88				8.8	112.9	51,400	22.9	128.4	51,000	88
90							18.8	123.8	49,500	90
93							8.3	111.4	47,400	93
95										95
100										100
101										101
105										105
109										109
110										110
115										115
117										117



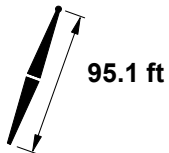
149,600 lb
+
60,400 lb



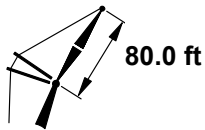
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
31										31
35										35
40										40
42										42
45										45
50										50
55										55
60										60
64	62.6	161.4	72,400 b							64
65	61.7	160.9	71,000 b							65
70	56.9	157.9	64,800							70
75	51.9	154.4	59,400							75
77	49.7	152.6	57,600	57.8	155.8	54,800 b				77
80	46.5	150.0	54,800	54.8	153.8	52,200				80
82	44.1	147.9	53,200	52.7	152.3	50,700				82
85	40.5	144.8	50,800	49.6	149.9	48,400				85
88	36.5	140.8	48,700	46.3	147.1	46,400				88
90	33.8	138.2	47,300	44.0	145.2	45,100	52.4	148.7	42,800	90
93	28.8	132.9	45,400	40.3	141.8	43,300	49.1	146.1	41,200	93
95	25.5	129.4	44,200	37.8	139.5	42,100	47.0	144.4	40,000	95
100	13.0	115.0	41,300	30.5	132.1	39,400	41.1	139.3	37,500	100
101	8.7	109.8	40,800	28.6	130.0	39,000	39.8	138.0	37,100	101
105				21.0	121.7	37,000	34.4	132.8	35,200	105
109				7.8	106.1	35,200	27.9	126.0	33,600	109
110							26.3	124.3	33,200	110
115							14.6	110.8	31,200	115
117							4.8	99.1	30,400	117



149,600 lb
+
60,400 lb

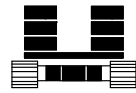


95.1 ft

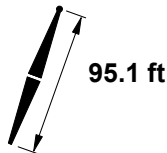


80.0 ft

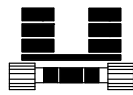
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
33	75.0	180.1	100,900 c							33
35	73.5	179.6	100,800 c							35
40	69.7	177.9	100,200 b							40
45	65.8	175.8	95,300 b	70.9	177.7	102,000 c				45
50	61.8	173.4	90,900	67.1	175.8	97,400 b				50
54	58.5	171.1	87,700	63.9	173.9	93,900 b	67.8	175.3	93,800 b	54
55	57.7	170.5	86,900	63.1	173.5	93,000 b	67.0	174.9	91,600 b	55
60	53.3	167.0	83,300	59.0	170.7	84,400	63.0	172.6	82,000 b	60
65	48.7	163.0	79,100	54.8	167.5	76,300	59.0	169.8	74,200	65
69	44.8	159.2	73,500	51.1	164.4	70,900	55.5	167.2	68,900	69
70	43.8	158.2	72,100	50.2	163.6	69,600	54.7	166.5	67,600	70
75	38.3	152.5	66,200	45.4	159.1	63,800	50.2	162.7	62,100	75
80	32.1	145.4	61,100	40.1	153.7	58,900	45.3	158.1	57,300	80
83	27.6	139.8	58,400	36.6	149.7	56,300	42.1	154.9	54,800	83
85	24.5	136.1	56,600	34.2	147.1	54,600	40.0	152.7	53,100	85
90	13.5	121.6	47,300	27.2	138.7	50,800	34.1	146.1	49,400	90
92	4.3	108.8	40,200	23.4	133.8	49,500	31.3	142.7	48,100	92
95				17.8	126.6	47,500	27.0	137.6	46,200	95
96				14.6	122.2	46,800	25.1	135.2	45,600	96
98				8.2	113.6	45,500	21.4	130.3	44,400	98
100							17.6	125.4	43,200	100
103							7.8	112.1	41,600	103
105										105
110										110
111										111
115										115
119										119
120										120
125										125
127										127



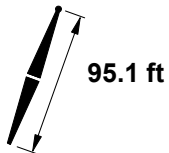
149,600 lb
+
60,400 lb



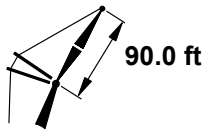
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
33										33
35										35
40										40
45										45
50										50
54										54
55										55
60										60
65										65
69	62.3	170.1	65,600							69
70	61.5	169.6	64,400							70
75	57.3	166.6	59,100							75
80	53.0	163.1	54,500							80
83	50.2	160.7	52,200	57.2	163.8	49,500				83
85	48.3	159.0	50,600	55.5	162.5	48,100				85
90	43.3	154.2	47,100	51.0	158.8	44,800				90
92	41.1	151.8	45,900	49.1	157.0	43,600				92
95	37.8	148.3	44,000	46.2	154.4	41,800				95
96	36.6	146.9	43,400	45.2	153.3	41,300	52.5	156.7	39,200	96
98	34.0	144.0	42,300	43.1	151.2	40,200	50.6	155.0	38,200	98
100	31.5	141.1	41,200	41.0	149.1	39,200	48.7	153.4	37,200	100
103	26.9	135.4	39,700	37.6	145.3	37,800	45.8	150.5	35,800	103
105	23.8	131.6	38,700	35.2	142.8	36,800	43.8	148.6	34,900	105
110	12.2	116.1	36,400	28.4	134.7	34,700	38.3	142.9	32,900	110
111	8.1	110.5	35,900	26.7	132.5	34,300	37.1	141.4	32,500	111
115				19.6	123.5	32,700	32.1	135.8	31,100	115
119				7.3	106.8	31,200	26.1	128.4	29,700	119
120							24.6	126.5	29,400	120
125							13.6	112.1	27,700	125
127							4.5	99.5	27,100	127



149,600 lb
+
60,400 lb

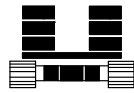


95.1 ft

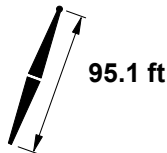


90.0 ft

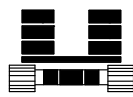
	87°			83°			80°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
36	74.7	189.7	90,500 c							36
40	72.0	188.5	87,700 c							40
45	68.6	186.7	83,600 b							45
49	65.9	185.0	80,600 b	70.4	186.9	86,100 b				49
50	65.2	184.6	79,800	69.7	186.6	85,300 b				50
55	61.6	182.1	76,300	66.3	184.5	81,500 b				55
58	59.4	180.3	74,300	64.2	183.1	79,400 b	67.6	184.5	83,000 b	58
60	57.9	179.1	73,000	62.8	182.2	78,000	66.2	183.6	81,600 b	60
65	54.1	175.8	70,100	59.1	179.4	74,700	62.7	181.3	74,000	65
70	50.1	171.9	67,400	55.4	176.2	69,400	59.1	178.5	67,500	70
73	47.5	169.2	66,000	53.0	173.9	66,000	56.8	176.5	64,100	73
75	45.8	167.4	65,000	51.4	172.4	63,700	55.3	175.3	61,900	75
80	41.1	162.1	61,000	47.2	168.1	58,800	51.3	171.5	57,100	80
85	36.0	155.8	56,600	42.7	163.1	54,500	47.1	167.2	53,000	85
88	32.5	151.2	54,300	39.7	159.6	52,300	44.4	164.2	50,800	88
90	30.2	148.2	52,700	37.7	157.2	50,800	42.6	162.2	49,300	90
95	23.1	138.2	49,300	32.2	150.1	47,500	37.6	156.2	46,100	95
100	12.8	122.8	41,600	25.6	141.0	44,500	32.1	149.1	43,200	100
102	4.0	109.2	35,600	22.1	135.8	43,400	29.4	145.4	42,200	102
105				16.8	128.1	41,800	25.5	140.0	40,600	105
108				7.8	114.3	40,200	20.1	132.1	39,200	108
110							16.6	126.9	38,300	110
113							7.3	112.8	36,900	113
115										115
120										120
121										121
125										125
129										129
130										130
135										135
137										137



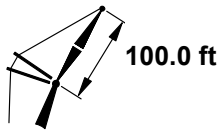
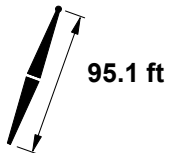
149,600 lb
+
60,400 lb

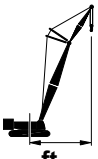
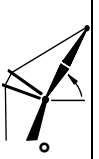
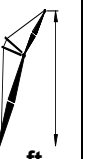
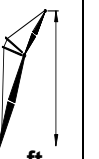
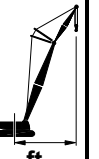


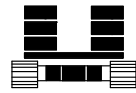
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
36										36
40										40
45										45
49										49
50										50
55										55
58										58
60										60
65										65
70										70
73	62.8	179.3	60,900							73
75	61.3	178.2	58,900							75
80	57.6	175.3	54,400							80
85	53.8	171.9	50,400							85
88	51.3	169.5	48,300	57.5	172.5	45,800				88
90	49.7	167.9	46,900	56.0	171.2	44,600				90
95	45.4	163.4	43,900	52.1	167.6	41,600				95
100	40.7	158.0	41,100	47.9	163.4	39,000				100
102	38.7	155.5	40,100	46.1	161.4	38,100	52.5	164.7	36,100	102
105	35.6	151.6	38,700	43.4	158.5	36,700	50.1	162.3	34,700	105
108	32.0	147.0	37,300	40.5	155.0	35,400	47.5	159.6	33,500	108
110	29.7	143.8	36,400	38.6	152.7	34,600	45.8	157.8	32,700	110
113	25.3	137.7	35,200	35.3	148.6	33,400	43.0	154.6	31,600	113
115	22.4	133.6	34,400	33.2	145.8	32,600	41.2	152.5	30,900	115
120	11.5	117.2	32,500	26.8	137.2	30,900	36.1	146.2	29,200	120
121	7.6	111.2	32,100	25.1	134.8	30,500	34.9	144.7	28,900	121
125				18.5	125.2	29,200	30.2	138.6	27,700	125
129				6.9	107.4	27,900	24.6	130.6	26,600	129
130							23.2	128.6	26,300	130
135							12.8	113.2	24,900	135
137							4.2	99.9	24,300	137



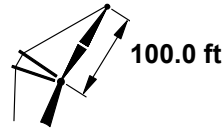
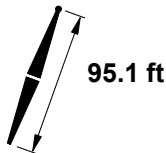
149,600 lb
+
60,400 lb

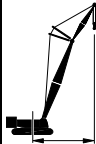
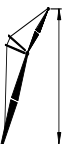


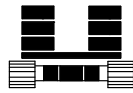
	87°			83°			80°			
										
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
39	74.5	199.2	82,400 c							39
40	73.9	198.9	82,200 c							40
45	70.9	197.3	78,300 b							45
50	67.8	195.5	74,600							50
52	66.5	194.6	73,200	70.6	196.5	78,300 b				52
55	64.7	193.3	71,100	68.8	195.4	76,000 b				55
60	61.5	190.7	67,900	65.7	193.3	72,600				60
62	60.1	189.5	66,700	64.4	192.3	71,300	67.5	193.7	74,600	62
65	58.2	187.8	65,000	62.5	190.8	69,400	65.6	192.4	72,600	65
70	54.7	184.5	62,200	59.2	188.0	66,400	62.4	189.9	67,100	70
75	51.1	180.7	59,700	55.8	184.9	63,500	59.2	187.1	61,600	75
78	48.8	178.1	58,300	53.7	182.7	60,500	57.1	185.2	58,700	78
80	47.3	176.4	57,300	52.3	181.2	58,600	55.8	183.9	56,800	80
85	43.3	171.5	55,100	48.6	177.1	54,300	52.2	180.3	52,700	85
90	38.9	165.7	52,600	44.6	172.4	50,600	48.5	176.2	49,100	90
93	36.1	161.7	50,500	42.1	169.1	48,600	46.1	173.3	47,200	93
95	34.1	159.0	49,100	40.4	166.9	47,300	44.6	171.4	45,900	95
100	28.6	150.8	46,000	35.7	160.5	44,300	40.3	166.0	43,000	100
105	21.9	140.2	43,100	30.5	152.9	41,700	35.6	159.6	40,400	105
108	16.0	130.4	39,500	26.7	147.1	40,200	32.5	154.9	39,000	108
110	12.1	123.8	37,100	24.3	143.2	39,300	30.4	151.9	38,100	110
112	3.8	109.6	31,900	20.9	137.7	38,400	27.9	148.0	37,300	112
115				15.9	129.5	37,100	24.1	142.2	36,000	115
118				7.4	115.0	35,800	19.1	133.9	34,800	118
120							15.7	128.4	34,000	120
123							7.0	113.4	32,900	123
125										125
130										130
131										131
135										135
139										139
140										140
145										145
147										147



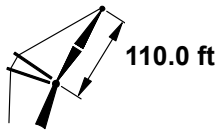
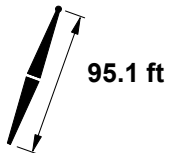
149,600 lb
+
60,400 lb



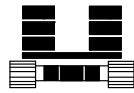
	 75°			 70°			 65°			
 ft	 ft	 ft	 lb	 ft	 ft	 lb	 ft	 ft	 lb	 ft
39										39
40										40
45										45
50										50
52										52
55										55
60										60
62										62
65										65
70										70
75										75
78	62.5	188.0	55,700							78
80	61.2	186.9	54,000							80
85	57.9	184.0	50,100							85
90	54.4	180.6	46,600							90
93	52.2	178.3	44,800	57.8	181.2	42,400				93
95	50.8	176.8	43,600	56.4	179.9	41,300				95
100	47.0	172.4	40,800	52.9	176.3	38,700				100
105	42.9	167.4	38,400	49.2	172.3	36,400				105
108	40.3	163.9	37,100	46.9	169.5	35,100	52.6	172.7	33,100	108
110	38.6	161.6	36,200	45.3	167.7	34,300	51.1	171.1	32,400	110
112	36.6	158.9	35,400	43.6	165.5	33,500	49.6	169.4	31,700	112
115	33.7	154.8	34,200	41.1	162.4	32,300	47.4	166.8	30,600	115
118	30.3	149.7	33,100	38.4	158.6	31,300	44.9	163.8	29,600	118
120	28.1	146.4	32,300	36.5	156.1	30,600	43.3	161.9	28,900	120
123	24.0	139.9	31,300	33.5	151.7	29,600	40.7	158.4	28,000	123
125	21.2	135.5	30,600	31.4	148.7	29,000	39.0	156.1	27,400	125
130	10.9	118.2	29,000	25.4	139.5	27,500	34.2	149.4	26,000	130
131	7.2	111.9	28,700	23.8	136.9	27,200	33.1	147.8	25,700	131
135				17.6	126.8	26,100	28.7	141.2	24,700	135
139				6.6	108.0	25,000	23.3	132.7	23,700	139
140							22.0	130.6	23,500	140
145							12.2	114.3	22,300	145
147							4.0	100.3	21,800	147



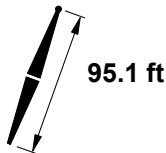
149,600 lb
+
60,400 lb



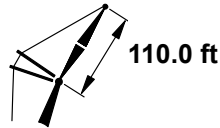
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
41	74.8	209.0	75,200 b							41
45	72.7	207.9	72,800 b							45
50	69.9	206.2	69,900							50
55	67.1	204.2	67,200	70.8	206.0	71,100 b				55
60	64.3	202.0	64,600	68.0	204.1	68,400				60
65	61.3	199.4	62,200	65.2	202.0	65,800	68.0	203.2	68,200	65
70	58.3	196.5	59,800	62.3	199.5	63,400	65.1	201.1	65,800	70
75	55.2	193.2	57,500	59.3	196.7	61,000	62.2	198.6	61,500	75
80	52.0	189.5	55,300	56.2	193.6	58,500	59.2	195.8	56,800	80
82	50.6	187.8	54,400	54.9	192.1	56,800	58.0	194.5	55,100	82
85	48.6	185.4	53,200	53.0	190.0	54,300	56.2	192.6	52,700	85
90	45.0	180.7	51,200	49.7	186.0	50,500	53.0	189.1	49,000	90
95	41.2	175.3	49,100	46.2	181.5	47,300	49.6	185.1	45,800	95
98	38.7	171.6	47,300	43.9	178.4	45,500	47.5	182.4	44,100	98
100	37.1	169.2	46,100	42.4	176.4	44,300	46.1	180.5	43,000	100
105	32.5	162.0	43,400	38.4	170.5	41,700	42.4	175.4	40,400	105
110	27.3	153.3	40,800	34.0	163.7	39,300	38.4	169.5	38,100	110
114	22.2	144.3	38,700	30.0	157.2	37,600	34.8	164.0	36,500	114
115	20.9	142.1	38,100	29.0	155.5	37,200	33.9	162.7	36,000	115
120	11.5	124.9	31,900	23.1	145.3	35,200	28.9	154.5	34,100	120
122	3.7	109.9	27,100	19.9	139.5	34,400	26.6	150.4	33,400	122
125				15.2	130.9	33,300	23.0	144.2	32,300	125
128				7.0	115.6	31,000	18.2	135.5	31,400	128
130							15.0	129.7	30,700	130
133							6.6	114.0	29,700	133
135										135
140										140
141										141
145										145
149										149
150										150
155										155
157										157



149,600 lb
+
60,400 lb

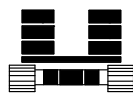


95.1 ft

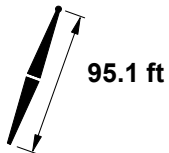


110.0 ft

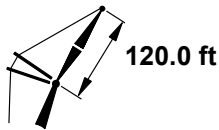
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
41										41
45										45
50										50
55										55
60										60
65										65
70										70
75										75
80										80
82	62.8	197.2	52,300							82
85	61.1	195.6	50,000							85
90	58.1	192.6	46,600							90
95	54.9	189.3	43,500							95
98	53.0	187.1	41,900	58.0	189.9	39,600				98
100	51.7	185.6	40,800	56.7	188.6	38,600				100
105	48.3	181.4	38,400	53.6	185.1	36,300				105
110	44.7	176.6	36,200	50.2	181.2	34,200				110
114	41.6	172.3	34,600	47.5	177.6	32,700	52.6	180.7	30,900	114
115	40.9	171.2	34,200	46.8	176.8	32,300	52.0	179.9	30,500	115
120	36.7	165.0	32,300	43.1	171.7	30,600	48.6	175.8	28,900	120
122	34.8	162.1	31,700	41.5	169.4	30,000	47.2	173.9	28,300	122
125	32.1	157.7	30,700	39.1	166.0	29,000	45.0	171.1	27,400	125
128	28.9	152.4	29,800	36.5	162.0	28,100	42.7	167.9	26,600	128
130	26.8	148.8	29,100	34.8	159.4	27,600	41.2	165.7	26,000	130
133	22.9	141.9	28,300	31.9	154.6	26,700	38.7	162.0	25,200	133
135	20.3	137.4	27,700	29.9	151.5	26,200	37.1	159.6	24,700	135
140	10.4	119.1	26,300	24.2	141.7	24,900	32.5	152.4	23,500	140
141	6.9	112.5	26,100	22.7	139.0	24,700	31.5	150.6	23,300	141
145				16.7	128.3	23,800	27.3	143.7	22,400	145
149				6.3	108.6	22,800	22.2	134.7	21,600	149
150							20.9	132.5	21,400	150
155							11.6	115.4	20,400	155
157							3.8	100.6	19,900	157



149,600 lb
+
60,400 lb

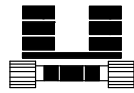


95.1 ft

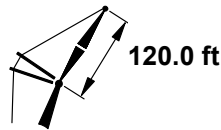
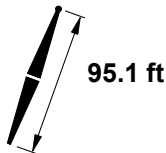


120.0 ft

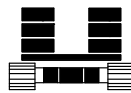
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
44	74.6	218.6	68,100 b							44
45	74.2	218.3	67,600 b							45
50	71.7	216.8	64,700							50
55	69.1	215.0	62,100							55
58	67.6	213.8	60,600	71.0	215.6	64,100				58
60	66.5	212.9	59,600	69.9	214.8	63,100				60
65	63.9	210.6	57,200	67.4	212.9	60,700				65
69	61.8	208.6	55,400	65.3	211.1	58,800	67.8	212.4	61,000	69
70	61.2	208.0	54,900	64.8	210.7	58,300	67.3	212.0	60,500	70
75	58.5	205.1	52,800	62.1	208.2	56,000	64.7	209.8	58,300	75
80	55.6	201.9	50,800	59.4	205.4	53,900	62.0	207.3	56,100	80
85	52.7	198.3	48,800	56.5	202.2	51,800	59.3	204.5	52,400	85
87	51.4	196.7	48,000	55.4	200.8	51,000	58.2	203.2	50,900	87
90	49.6	194.3	46,900	53.6	198.7	49,800	56.5	201.3	48,800	90
95	46.4	189.7	45,000	50.6	194.9	47,000	53.6	197.8	45,600	95
100	43.0	184.7	43,300	47.4	190.5	44,100	50.5	193.9	42,700	100
104	40.1	180.1	42,000	44.8	186.6	42,000	48.0	190.4	40,700	104
105	39.4	179.0	41,700	44.1	185.6	41,400	47.4	189.6	40,200	105
110	35.4	172.4	40,200	40.6	180.2	39,100	44.0	184.7	37,900	110
115	31.1	164.8	38,200	36.7	173.9	36,900	40.5	179.2	35,800	115
120	26.1	155.6	35,900	32.5	166.7	35,000	36.7	172.9	33,900	120
125	20.0	143.9	33,700	27.8	158.1	33,200	32.5	165.7	32,100	125
130	11.1	125.9	28,300	22.1	147.3	31,500	27.7	157.0	30,500	130
132	3.5	110.2	24,100	19.1	141.3	30,900	25.4	152.7	29,900	132
135				14.5	132.2	30,000	22.0	146.2	29,000	135
138				6.7	116.2	27,600	17.4	137.1	28,200	138
140							14.3	131.0	27,600	140
143							6.3	114.5	26,800	143
145										145
150										150
151										151
155										155
159										159
160										160
165										165
167										167



149,600 lb
+
60,400 lb



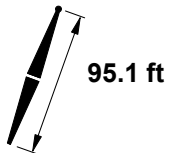
	 75°			 70°			 65°			
 ft		 ft	 lb		 ft	 lb		 ft	 lb	 ft
44										44
45										45
50										50
55										55
58										58
60										60
65										65
69										69
70										70
75										75
80										80
85										85
87	62.6	205.8	48,200							87
90	61.0	204.2	46,200							90
95	58.2	201.3	43,200							95
100	55.4	198.0	40,500							100
104	53.0	195.1	38,500	57.6	197.9	36,400				104
105	52.4	194.4	38,000	57.0	197.3	36,000				105
110	49.3	190.3	35,900	54.1	193.8	33,900				110
115	46.1	185.8	33,900	51.1	190.0	32,000				115
120	42.7	180.7	32,100	48.0	185.7	30,300	52.7	188.7	28,500	120
125	39.0	174.9	30,400	44.7	181.0	28,700	49.6	184.7	27,000	125
130	35.1	168.3	28,900	41.2	175.6	27,300	46.4	180.2	25,700	130
132	33.3	165.2	28,300	39.7	173.1	26,700	45.0	178.1	25,200	132
135	30.7	160.5	27,500	37.4	169.5	25,900	43.0	175.1	24,400	135
138	27.6	154.9	26,700	34.9	165.2	25,200	40.8	171.7	23,700	138
140	25.6	151.2	26,200	33.3	162.4	24,700	39.4	169.4	23,200	140
143	21.9	143.9	25,400	30.5	157.4	24,000	37.0	165.5	22,600	143
145	19.4	139.1	24,900	28.6	154.1	23,500	35.5	162.9	22,100	145
150	9.9	120.0	23,700	23.1	143.8	22,400	31.1	155.2	21,100	150
151	6.6	113.1	23,500	21.7	140.9	22,200	30.1	153.4	20,900	151
155				16.0	129.7	21,400	26.1	146.1	20,100	155
159				6.0	109.1	20,600	21.2	136.7	19,400	159
160							20.0	134.3	19,200	160
165							11.1	116.4	18,300	165
167							3.7	100.9	18,000	167



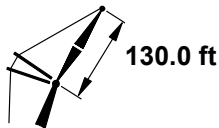
149,600 lb
+
60,400 lb



360°

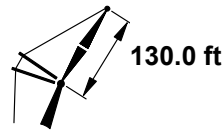
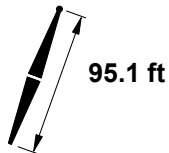


95.1 ft

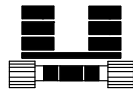


130.0 ft

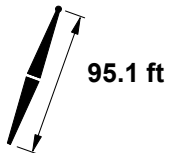
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
46	74.9	228.4	51,600 b							46
50	73.1	227.3	50,700							50
55	70.8	225.6	49,700							55
60	68.4	223.8	48,700							60
62	67.5	222.9	48,300	70.6	224.8	49,800				62
65	66.1	221.7	47,800	69.2	223.7	49,300				65
70	63.6	219.3	46,900	66.8	221.6	48,400				70
73	62.1	217.7	46,000	65.4	220.3	47,900	67.7	221.6	48,600	73
75	61.1	216.7	45,400	64.4	219.4	47,600	66.8	220.7	48,300	75
80	58.6	213.8	43,700	61.9	216.8	46,200	64.4	218.5	47,600	80
85	56.0	210.6	41,900	59.4	214.0	44,500	61.9	215.9	46,200	85
90	53.3	207.0	40,300	56.8	210.9	42,700	59.4	213.1	44,500	90
91	52.7	206.2	40,000	56.3	210.2	42,400	58.8	212.5	44,100	91
95	50.5	203.1	38,800	54.1	207.5	41,100	56.8	210.0	42,700	95
100	47.5	198.8	37,300	51.4	203.7	39,500	54.1	206.6	41,100	100
105	44.5	193.9	35,900	48.5	199.5	38,000	51.3	202.7	39,600	105
109	41.9	189.6	34,800	46.1	195.7	36,800	49.0	199.4	38,100	109
110	41.2	188.5	34,500	45.5	194.8	36,600	48.4	198.5	37,700	110
115	37.8	182.5	33,300	42.3	189.6	35,100	45.4	193.9	35,600	115
120	34.0	175.6	32,100	38.9	183.8	33,900	42.2	188.6	33,700	120
125	29.8	167.5	31,100	35.2	177.1	32,700	38.8	182.8	32,000	125
126	28.9	165.6	30,900	34.4	175.6	32,400	38.1	181.5	31,600	126
130	25.1	157.9	30,200	31.2	169.5	31,400	35.2	176.2	30,400	130
135	19.2	145.6	29,300	26.7	160.5	29,900	31.1	168.5	28,900	135
140	10.6	126.8	25,500	21.2	149.2	28,400	26.6	159.4	27,500	140
142	3.4	110.5	21,700	18.3	142.9	27,900	24.4	154.9	27,000	142
145				13.9	133.4	27,100	21.1	148.1	26,300	145
148				6.5	116.8	24,900	16.7	138.6	25,500	148
150							13.8	132.2	25,000	150
153							6.1	115.1	24,300	153
155										155
160										160
161										161
165										165
169										169
170										170
175										175
177										177



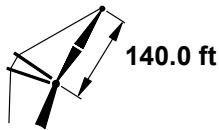
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
46										46
50										50
55										55
60										60
62										62
65										65
70										70
73										73
75										75
80										80
85										85
90										90
91	62.9	215.0	45,400							91
95	60.9	212.9	43,000							95
100	58.4	210.0	40,300							100
105	55.7	206.7	37,800							105
109	53.6	203.8	36,100	57.8	206.6	34,000				109
110	53.0	203.1	35,600	57.2	205.9	33,600				110
115	50.2	199.2	33,700	54.6	202.5	31,800				115
120	47.3	194.8	31,900	51.8	198.8	30,100				120
125	44.2	189.9	30,200	49.0	194.7	28,500				125
126	43.5	188.8	29,900	48.4	193.7	28,200	52.7	196.7	26,500	126
130	40.9	184.5	28,700	46.0	190.1	27,000	50.5	193.5	25,400	130
135	37.5	178.3	27,300	42.8	185.0	25,700	47.5	189.2	24,200	135
140	33.7	171.3	26,000	39.5	179.3	24,500	44.5	184.3	23,000	140
142	32.0	168.1	25,500	38.0	176.7	24,000	43.2	182.2	22,600	142
145	29.5	163.2	24,800	35.9	172.8	23,300	41.2	178.9	21,900	145
148	26.5	157.3	24,100	33.5	168.3	22,700	39.2	175.3	21,300	148
150	24.6	153.4	23,700	31.9	165.3	22,300	37.8	172.9	20,900	150
153	21.0	145.8	23,000	29.3	160.1	21,700	35.5	168.7	20,300	153
155	18.6	140.8	22,600	27.5	156.6	21,300	34.0	166.0	20,000	155
160	9.5	120.8	21,600	22.2	145.8	20,300	29.9	158.0	19,100	160
161	6.3	113.7	21,400	20.9	142.8	20,100	28.9	156.0	18,900	161
165				15.4	131.1	19,400	25.1	148.3	18,200	165
169				5.8	109.6	18,700	20.4	138.5	17,600	169
170							19.2	136.0	17,400	170
175							10.7	117.3	16,700	175
177							3.5	101.3	16,300	177



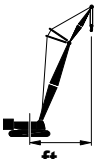
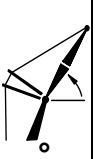
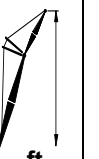
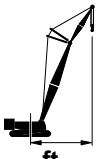
149,600 lb
+
60,400 lb

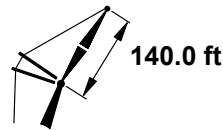
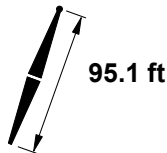


95.1 ft

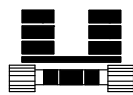


140.0 ft

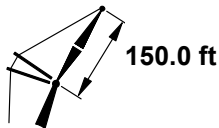
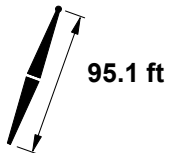
	87°			83°			80°			
										
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
49	74.8	238.0	47,700							49
50	74.4	237.7	47,500							50
55	72.2	236.2	46,600							55
60	70.1	234.5	45,700							60
65	67.9	232.5	44,900	70.7	234.3	46,100				65
70	65.6	230.4	43,500	68.6	232.4	45,400				70
75	63.4	228.0	41,600	66.3	230.4	44,200				75
77	62.4	226.9	41,000	65.4	229.4	43,500	67.6	230.8	44,900	77
80	61.1	225.4	40,000	64.1	228.1	42,400	66.3	229.5	44,000	80
85	58.7	222.5	38,300	61.8	225.5	40,700	64.1	227.2	42,300	85
90	56.3	219.3	36,700	59.4	222.7	39,000	61.8	224.6	40,600	90
95	53.8	215.8	35,200	57.0	219.6	37,400	59.4	221.8	39,000	95
96	53.2	215.0	34,900	56.5	218.9	37,100	58.9	221.2	38,700	96
100	51.2	211.9	33,800	54.6	216.2	35,900	57.0	218.7	37,400	100
105	48.5	207.7	32,300	52.0	212.5	34,400	54.5	215.3	35,900	105
110	45.7	203.1	31,000	49.4	208.4	33,000	52.0	211.5	34,400	110
114	43.4	199.0	30,000	47.2	204.8	31,900	49.8	208.3	33,300	114
115	42.8	197.9	29,800	46.6	203.9	31,700	49.3	207.4	33,100	115
120	39.7	192.2	28,600	43.7	198.9	30,400	46.6	202.9	31,700	120
125	36.3	185.8	27,400	40.7	193.4	29,100	43.7	198.0	30,500	125
130	32.7	178.6	26,400	37.4	187.2	28,000	40.6	192.4	29,200	130
132	31.1	175.2	26,000	36.0	184.4	27,600	39.3	190.0	28,700	132
135	28.7	170.1	25,500	33.9	180.3	26,900	37.4	186.3	28,100	135
140	24.1	160.1	24,600	30.1	172.3	25,900	33.9	179.3	27,000	140
145	18.5	147.3	23,800	25.7	162.8	25,000	30.0	171.2	26,000	145
150	10.2	127.7	22,700	20.5	151.1	24,200	25.6	161.8	24,800	150
152	3.2	110.8	19,400	17.6	144.5	23,900	23.5	157.0	24,400	152
155				13.4	134.6	23,600	20.4	150.0	23,700	155
158				6.2	117.3	22,300	16.1	140.0	23,100	158
160							13.3	133.4	22,700	160
163							5.9	115.6	22,000	163
165										165
170										170
171										171
175										175
179										179
180										180
185										185
187										187



	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
49										49
50										50
55										55
60										60
65										65
70										70
75										75
77										77
80										80
85										85
90										90
95										95
96	62.7	223.7	41,000							96
100	60.9	221.6	39,800							100
105	58.5	218.6	37,500							105
110	56.0	215.4	35,300							110
114	54.0	212.6	33,700	57.9	215.2	31,800				114
115	53.5	211.9	33,300	57.4	214.6	31,400				115
120	51.0	208.0	31,500	55.0	211.3	29,700				120
125	48.3	203.8	29,900	52.4	207.6	28,100				125
130	45.5	199.1	28,400	49.8	203.6	26,700				130
132	44.3	197.0	27,800	48.7	201.8	26,200	52.7	204.7	24,600	132
135	42.5	193.9	27,000	47.1	199.1	25,400	51.2	202.3	23,800	135
140	39.4	188.1	25,700	44.2	194.2	24,200	48.5	198.1	22,700	140
145	36.0	181.7	24,500	41.2	188.8	23,000	45.7	193.5	21,600	145
150	32.4	174.3	23,400	38.0	182.8	22,000	42.8	188.3	20,600	150
152	30.8	170.9	23,000	36.6	180.0	21,600	41.5	186.1	20,200	152
155	28.4	165.8	22,400	34.5	176.0	21,000	39.7	182.6	19,600	155
158	25.6	159.6	21,800	32.2	171.3	20,400	37.7	178.8	19,100	158
160	23.7	155.5	21,400	30.7	168.1	20,100	36.4	176.2	18,800	160
163	20.2	147.6	20,800	28.2	162.6	19,500	34.2	171.9	18,300	163
165	17.9	142.4	20,400	26.5	159.0	19,200	32.7	169.0	17,900	165
170	9.2	121.6	19,500	21.4	147.7	18,300	28.7	160.6	17,200	170
171	6.1	114.2	19,300	20.1	144.6	18,200	27.8	158.6	17,000	171
175				14.8	132.4	17,600	24.1	150.5	16,400	175
179				5.5	110.1	16,900	19.6	140.3	15,800	179
180							18.5	137.7	15,700	180
185							10.3	118.2	15,000	185
187							3.4	101.6	14,700	187



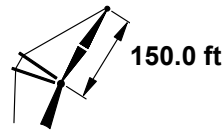
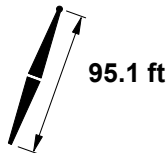
149,600 lb
+
60,400 lb

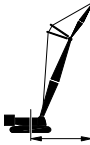
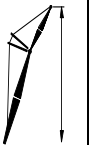
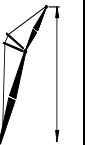
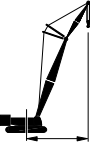


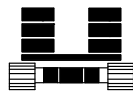
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
52	74.6	247.5	44,200							52
55	73.4	246.6	43,700							55
60	71.4	245.1	42,800							60
65	69.4	243.3	41,800							65
68	68.2	242.1	40,800	70.9	243.8	42,700				68
70	67.4	241.3	40,100	70.1	243.1	42,300				70
75	65.3	239.1	38,400	68.0	241.2	40,700				75
80	63.1	236.7	36,800	65.9	239.1	39,000	68.0	240.3	40,600	80
85	61.0	234.0	35,200	63.8	236.7	37,400	65.9	238.2	38,900	85
90	58.8	231.1	33,700	61.7	234.2	35,900	63.8	235.8	37,400	90
95	56.5	228.0	32,200	59.5	231.4	34,300	61.6	233.3	35,800	95
100	54.2	224.5	30,900	57.2	228.3	32,800	59.4	230.4	34,300	100
105	51.8	220.7	29,500	54.9	224.9	31,400	57.2	227.4	32,800	105
110	49.3	216.6	28,200	52.6	221.2	30,000	54.9	224.0	31,500	110
115	46.8	212.1	27,000	50.1	217.2	28,800	52.5	220.3	30,100	115
120	44.1	207.2	25,800	47.6	212.9	27,500	50.1	216.3	28,800	120
125	41.3	201.8	24,700	44.9	208.1	26,300	47.5	211.9	27,500	125
130	38.3	195.8	23,600	42.2	202.8	25,100	44.9	207.1	26,300	130
135	35.1	189.0	22,600	39.2	197.0	24,100	42.1	201.9	25,200	135
138	33.0	184.5	22,100	37.4	193.1	23,500	40.4	198.4	24,600	138
140	31.6	181.4	21,700	36.1	190.5	23,000	39.2	196.1	24,200	140
145	27.7	172.7	20,800	32.7	183.2	22,100	36.1	189.6	23,100	145
150	23.3	162.2	20,000	29.0	174.9	21,200	32.7	182.3	22,100	150
155	17.9	148.9	19,300	24.8	165.0	20,400	28.9	173.9	21,300	155
160	9.9	128.6	18,800	19.8	152.8	19,600	24.7	164.0	20,400	160
162	3.1	111.1	17,500	17.0	146.0	19,400	22.7	159.1	20,100	162
165				13.0	135.8	19,000	19.7	151.7	19,600	165
168				6.0	117.9	18,800	15.5	141.4	19,300	168
170							12.8	134.5	19,100	170
173							5.7	116.1	18,900	173
175										175
180										180
181										181
185										185
189										189
190										190
195										195
197										197

MLC200 S-2

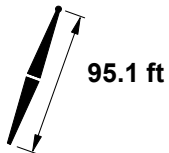
ASME B30.5



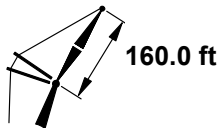
	 75°			 70°			 65°			
 ft	 o	 ft	 lb	 o	 ft	 lb	 o	 ft	 lb	 ft
52										52
55										55
60										60
65										65
68										68
70										70
75										75
80										80
85										85
90										90
95										95
100	63.0	232.9	36,500							100
105	60.8	230.2	35,000							105
110	58.6	227.3	33,700							110
115	56.3	224.1	32,200							115
120	54.0	220.6	30,900	57.6	223.3	29,600				120
125	51.6	216.8	29,600	55.3	220.0	28,100				125
130	49.1	212.7	28,300	53.0	216.3	26,600				130
135	46.5	208.1	26,900	50.5	212.4	25,300				135
138	44.9	205.2	26,200	49.0	209.8	24,600	52.8	212.7	23,000	138
140	43.8	203.2	25,600	48.0	208.1	24,100	51.8	211.1	22,600	140
145	41.0	197.7	24,400	45.4	203.4	23,000	49.3	207.0	21,500	145
150	38.0	191.6	23,300	42.6	198.2	21,900	46.8	202.5	20,500	150
155	34.8	184.9	22,300	39.7	192.5	20,900	44.1	197.6	19,600	155
160	31.3	177.2	21,300	36.7	186.1	20,000	41.3	192.2	18,700	160
162	29.7	173.6	21,000	35.3	183.3	19,600	40.1	189.8	18,400	162
165	27.4	168.3	20,400	33.3	179.0	19,100	38.3	186.2	17,900	165
168	24.7	161.9	19,900	31.1	174.1	18,600	36.4	182.1	17,400	168
170	22.9	157.6	19,600	29.7	170.8	18,300	35.1	179.5	17,100	170
173	19.5	149.4	19,100	27.2	165.1	17,900	33.0	174.9	16,700	173
175	17.3	143.9	18,700	25.5	161.3	17,500	31.6	171.9	16,400	175
180	8.9	122.4	17,900	20.7	149.5	16,800	27.8	163.1	15,700	180
181	5.9	114.7	17,800	19.4	146.4	16,700	26.9	161.0	15,600	181
185				14.3	133.7	16,100	23.3	152.6	15,000	185
189				5.4	110.6	15,500	19.0	142.0	14,500	189
190							17.9	139.3	14,400	190
195							9.9	119.1	13,800	195
197							3.3	101.8	13,500	197



149,600 lb
+
60,400 lb

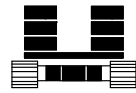


95.1 ft

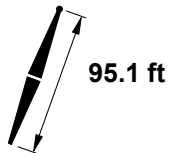


160.0 ft

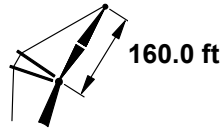
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
54	74.9	257.3	40,800							54
55	74.5	257.0	40,600							55
60	72.6	255.6	39,800							60
65	70.7	253.9	38,300							65
70	68.8	252.1	36,700							70
71	68.4	251.7	36,300	71.0	253.4	38,500				71
75	66.9	250.0	35,100	69.5	251.9	37,200				75
80	64.9	247.8	33,500	67.5	250.0	35,600				80
84	63.3	245.8	32,300	66.0	248.2	34,400	67.9	249.5	35,800	84
85	62.9	245.4	32,000	65.6	247.8	34,100	67.5	249.1	35,500	85
90	60.9	242.7	30,600	63.6	245.4	32,600	65.5	246.9	34,000	90
95	58.9	239.8	29,100	61.6	242.8	31,100	63.6	244.5	32,500	95
100	56.7	236.6	27,700	59.5	240.0	29,700	61.5	241.9	31,100	100
105	54.6	233.2	26,400	57.4	236.9	28,300	59.5	239.1	29,700	105
110	52.3	229.5	25,100	55.3	233.6	26,900	57.4	236.0	28,300	110
115	50.0	225.5	24,000	53.1	230.0	25,700	55.2	232.7	27,000	115
120	47.7	221.1	22,800	50.8	226.1	24,500	53.0	229.1	25,700	120
125	45.2	216.4	21,700	48.4	221.8	23,300	50.7	225.2	24,500	125
130	42.6	211.2	20,700	46.0	217.2	22,200	48.4	220.9	23,300	130
135	39.9	205.5	19,700	43.4	212.1	21,100	45.9	216.3	22,200	135
140	37.0	199.2	18,800	40.8	206.6	20,100	43.4	211.2	21,200	140
144	34.5	193.5	18,000	38.5	201.7	19,300	41.3	206.8	20,300	144
145	33.9	192.1	17,900	38.0	200.5	19,100	40.7	205.7	20,100	145
150	30.6	184.2	17,000	34.9	193.7	18,200	37.9	199.6	19,200	150
155	26.8	175.1	16,200	31.7	186.1	17,400	34.9	192.8	18,300	155
160	22.5	164.2	15,600	28.1	177.4	16,500	31.6	185.1	17,400	160
165	17.3	150.4	14,700	24.0	167.2	15,900	28.0	176.4	16,600	165
170	9.6	129.5	13,900	19.1	154.5	15,100	23.9	166.1	15,900	170
172	3.0	111.3	13,700	16.5	147.5	14,700	22.0	161.0	15,600	172
175				12.6	136.9	14,200	19.0	153.4	15,100	175
178				5.8	118.4	13,700	15.0	142.8	14,600	178
180							12.4	135.6	14,200	180
183							5.5	116.6	13,700	183
185										185
190										190
191										191
195										195
199										199
200										200
205										205
207										207



149,600 lb
+
60,400 lb

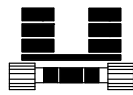


95.1 ft

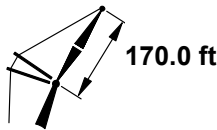
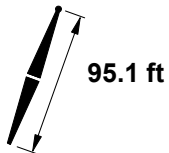


160.0 ft

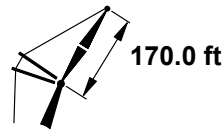
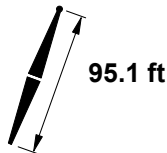
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
54										54
55										55
60										60
65										65
70										70
71										71
75										75
80										80
84										84
85										85
90										90
95										95
100										100
105	62.8	241.6	31,700							105
110	60.7	238.9	30,400							110
115	58.7	236.0	29,000							115
120	56.6	232.8	27,700							120
125	54.4	229.3	26,500	57.8	231.9	27,700				125
130	52.1	225.6	25,300	55.6	228.7	26,300				130
135	49.8	221.6	24,100	53.4	225.1	25,000				135
140	47.5	217.2	22,900	51.2	221.2	23,800				140
144	45.5	213.3	22,100	49.3	217.9	22,900	52.8	220.7	21,400	144
145	45.0	212.4	21,900	48.8	217.0	22,600	52.3	219.9	21,100	145
150	42.4	207.1	20,800	46.4	212.5	21,600	50.0	215.9	20,100	150
155	39.6	201.4	19,800	43.9	207.5	20,600	47.7	211.5	19,200	155
160	36.8	195.0	18,900	41.2	202.0	19,700	45.2	206.8	18,400	160
165	33.6	187.9	18,000	38.4	196.0	18,800	42.6	201.6	17,500	165
170	30.3	179.9	17,200	35.5	189.4	18,000	39.9	195.9	16,800	170
172	28.8	176.2	16,800	34.2	186.4	17,700	38.7	193.4	16,500	172
175	26.5	170.7	16,300	32.2	181.9	17,300	37.0	189.6	16,100	175
178	23.9	164.0	15,900	30.1	176.8	16,800	35.2	185.4	15,600	178
180	22.1	159.6	15,700	28.7	173.4	16,500	33.9	182.6	15,400	180
183	18.9	151.1	15,100	26.3	167.5	16,100	31.9	177.8	15,000	183
185	16.8	145.4	14,800	24.7	163.5	15,900	30.6	174.6	14,700	185
190	8.6	123.2	13,900	20.0	151.3	15,200	26.9	165.5	14,100	190
191	5.7	115.2	13,800	18.8	148.1	15,100	26.0	163.3	14,000	191
195				13.9	134.9	14,500	22.6	154.6	13,500	195
199				5.2	111.1	13,800	18.4	143.6	13,100	199
200							17.3	140.9	13,000	200
205							9.6	120.0	12,400	205
207							3.2	102.1	12,200	207



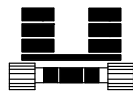
149,600 lb
+
60,400 lb



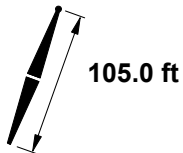
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
57	74.7	266.9	37,600							57
60	73.7	266.0	36,900							60
65	71.9	264.5	35,400							65
70	70.1	262.7	33,800							70
75	68.3	260.9	32,300	70.7	262.6	34,300				75
80	66.5	258.8	30,800	68.9	260.7	32,800				80
85	64.7	256.5	29,400	67.1	258.7	31,300				85
88	63.5	255.0	28,600	66.0	257.4	30,400	67.8	258.7	31,800	88
90	62.8	254.0	28,000	65.3	256.5	29,900	67.1	257.8	31,200	90
95	60.9	251.4	26,600	63.4	254.1	28,500	65.2	255.6	29,800	95
100	58.9	248.5	25,300	61.5	251.5	27,100	63.3	253.2	28,400	100
105	56.9	245.3	24,100	59.5	248.7	25,800	61.4	250.6	27,100	105
109	55.3	242.6	23,100	58.0	246.2	24,800	59.9	248.3	26,100	109
110	54.9	241.9	22,900	57.6	245.6	24,500	59.5	247.8	25,800	110
115	52.8	238.3	21,700	55.6	242.3	23,400	57.5	244.7	24,600	115
120	50.7	234.3	20,600	53.5	238.7	22,100	55.5	241.4	23,300	120
125	48.4	230.1	19,500	51.4	234.9	21,000	53.4	237.8	22,200	125
130	46.2	225.5	18,500	49.2	230.7	20,000	51.3	234.0	21,000	130
135	43.8	220.5	17,500	46.9	226.2	18,900	49.1	229.8	20,000	135
140	41.3	215.0	16,600	44.5	221.4	18,000	46.9	225.3	18,900	140
145	38.6	209.0	15,700	42.1	216.1	17,000	44.5	220.4	18,000	145
150	35.9	202.5	15,000	39.5	210.3	16,200	42.0	215.1	17,100	150
155	32.9	195.1	14,200	36.8	203.9	15,300	39.5	209.3	16,200	155
160	29.6	186.9	13,300	33.9	196.8	14,500	36.7	202.9	15,300	160
165	26.0	177.4	12,500	30.7	188.9	13,700	33.8	195.9	14,500	165
170	21.9	166.2	11,500	27.2	179.9	12,800	30.6	187.9	13,700	170
175	16.8	151.9	10,700	23.3	169.3	11,800	27.2	178.9	12,800	175
180	9.3	130.3	10,000	18.5	156.2	11,000	23.2	168.2	11,900	180
182	2.9	111.6	9,800	16.0	148.9	10,700	21.3	163.0	11,500	182
185				12.2	138.0	10,200	18.5	155.1	11,000	185
188				5.7	118.9	9,800	14.6	144.1	10,500	188
190							12.0	136.7	10,200	190
193							5.3	117.1	9,800	193
195										195
200										200
201										201
205										205
209										209
210										210
215										215
217										217



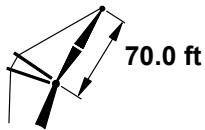
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
57										57
60										60
65										65
70										70
75										75
80										80
85										85
88										88
90										90
95										95
100										100
105										105
109	63.0	250.7	28,000							109
110	62.6	250.2	27,700							110
115	60.7	247.5	26,400							115
120	58.8	244.6	25,200							120
125	56.8	241.5	24,000							125
130	54.7	238.1	22,900	57.9	240.6	24,500				130
135	52.6	234.4	21,700	55.9	237.4	23,400				135
140	50.5	230.4	20,600	53.8	233.8	22,200				140
145	48.3	226.1	19,600	51.7	230.0	21,200				145
150	46.0	221.5	18,600	49.5	225.9	20,200	52.8	228.7	19,900	150
155	43.6	216.4	17,700	47.3	221.5	19,100	50.7	224.7	19,000	155
160	41.1	210.9	16,700	44.9	216.7	18,200	48.5	220.5	18,100	160
165	38.4	204.9	15,900	42.5	211.4	17,200	46.2	215.9	17,300	165
170	35.6	198.3	15,100	39.9	205.7	16,300	43.8	210.9	16,500	170
175	32.6	190.9	14,300	37.2	199.5	15,500	41.3	205.4	15,800	175
180	29.3	182.6	13,400	34.4	192.5	14,700	38.7	199.4	15,200	180
182	27.9	178.7	13,000	33.1	189.4	14,400	37.5	196.8	14,900	182
185	25.7	173.0	12,400	31.2	184.8	14,000	35.9	192.9	14,500	185
188	23.2	166.1	11,900	29.2	179.5	13,400	34.1	188.5	14,200	188
190	21.5	161.5	11,600	27.8	176.0	13,100	32.9	185.6	13,900	190
193	18.3	152.7	11,100	25.5	169.8	12,500	30.9	180.6	13,600	193
195	16.3	146.9	10,700	24.0	165.7	12,100	29.6	177.3	13,300	195
200	8.3	123.9	10,000	19.4	153.1	11,300	26.0	167.9	12,600	200
201	5.6	115.7	9,900	18.2	149.7	11,100	25.2	165.6	12,400	201
205				13.4	136.1	10,500	21.9	156.6	11,700	205
209				5.0	111.5	9,900	17.8	145.2	11,000	209
210							16.8	142.4	10,900	210
215							9.3	120.8	10,100	215
217							3.1	102.4	9,900	217



149,600 lb
+
60,400 lb

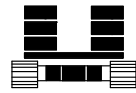


105.0 ft

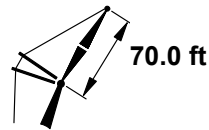
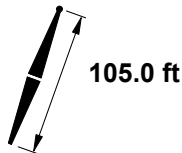


70.0 ft

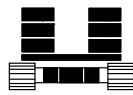
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
31	74.9	180.3	107,400 d							31
35	71.5	179.1	107,400 c							35
40	67.1	177.2	107,400 c							40
43	64.4	175.8	105,000 c	70.8	178.0	109,000 c				43
45	62.6	174.8	103,300 b	69.1	177.3	109,000 c				45
50	57.8	172.0	98,700 b	64.7	175.2	106,100 b				50
52	55.8	170.6	97,100 b	62.8	174.1	101,200 b	67.7	175.7	97,800 c	52
55	52.9	168.5	94,700	60.0	172.5	93,900 b	65.0	174.4	91,100 b	55
60	47.5	164.3	87,500	55.2	169.4	84,100	60.4	171.8	81,600 b	60
65	41.7	159.3	79,100	50.0	165.5	76,100	55.6	168.7	73,800	65
67	39.1	156.7	76,300	47.8	163.7	73,400	53.5	167.2	71,200	67
70	35.1	153.0	72,100	44.4	160.9	69,400	50.5	165.0	67,300	70
75	27.2	144.7	66,200	38.3	155.2	63,600	44.9	160.4	61,700	75
80	16.1	132.1	56,000	31.0	148.0	58,700	38.8	154.8	57,000	80
81	12.2	127.5	52,400	29.2	146.0	57,900	37.4	153.4	56,100	81
82	8.3	122.8	48,800	27.4	144.0	57,000	36.0	152.0	55,300	82
85				21.8	137.9	54,400	31.7	147.8	52,800	85
90				1.5	113.8	46,300	22.8	138.0	49,100	90
94							9.7	122.7	46,400	94
95							6.5	118.8	45,700	95
100										100
104										104
105										105
110										110
113										113
115										115
120										120
121										121



149,600 lb
+
60,400 lb



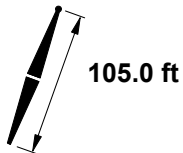
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
31										31
35										35
40										40
43										43
45										45
50										50
52										52
55										55
60										60
65										65
67	62.2	170.7	67,400 b							67
70	59.4	169.0	63,800 b							70
75	54.5	165.8	58,600							75
80	49.3	161.9	54,000							80
81	48.2	160.9	53,200	57.1	164.7	50,300 b				81
82	47.0	160.0	52,500	56.1	164.0	49,600 b				82
85	43.6	157.1	50,100	53.2	161.9	47,400				85
90	37.3	151.3	46,600	47.8	157.8	44,100				90
94	31.4	145.2	44,200	43.2	153.7	41,800	52.5	157.7	39,500	94
95	29.9	143.7	43,600	42.1	152.7	41,200	51.5	156.9	38,900	95
100	20.3	133.1	40,800	35.5	146.5	38,600	46.0	152.6	36,500	100
104	5.7	115.7	38,700	29.3	140.0	36,800	41.2	148.3	34,700	104
105				27.7	138.4	36,300	40.0	147.2	34,300	105
110				16.9	126.2	34,100	33.2	140.5	32,300	110
113				1.4	107.5	32,800	28.1	135.0	31,200	113
115							24.7	131.4	30,400	115
120							11.5	116.1	28,700	120
121							6.2	109.7	28,300	121



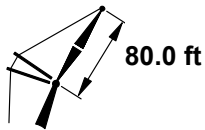
149,600 lb
+
60,400 lb



360°

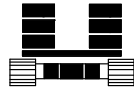


105.0 ft

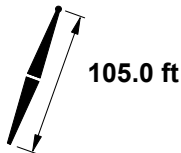


80.0 ft

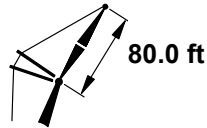
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
34	74.6	189.8	98,300 c							34
35	73.8	189.5	98,300 c							35
40	70.1	187.9	98,100 c							40
45	66.2	185.9	95,200 b							45
47	64.6	184.9	93,400 b	70.3	187.2	99,400 c				47
50	62.2	183.5	90,800 b	68.0	186.1	97,900 b				50
55	58.1	180.6	86,900	64.1	183.9	93,500 b				55
56	57.2	179.9	86,200	63.3	183.3	91,500 b	67.6	184.9	88,700 b	56
60	53.8	177.2	83,300	60.0	181.2	83,900	64.4	183.1	81,300 b	60
65	49.2	173.3	79,000	55.8	178.1	75,800	60.4	180.5	73,500	65
70	44.3	168.6	72,000	51.3	174.4	69,100	56.2	177.4	67,000	70
71	43.2	167.4	70,800	50.4	173.5	68,000	55.3	176.7	65,900	71
75	38.9	162.9	66,100	46.6	170.0	63,400	51.7	173.8	61,500	75
80	32.8	156.0	61,000	41.4	164.8	58,600	47.0	169.5	56,700	80
85	25.4	147.0	56,500	35.7	158.6	54,300	41.9	164.4	52,600	85
86	23.3	144.3	55,000	34.4	157.0	53,500	40.8	163.1	51,900	86
90	15.0	133.5	49,200	29.0	150.7	50,500	36.2	158.2	49,000	90
92	7.8	123.5	43,100	25.6	146.3	49,200	33.6	155.1	47,700	92
95				20.4	139.8	47,200	29.6	150.5	45,800	95
100				1.4	113.9	41,200	21.3	140.0	42,900	100
105							6.0	119.4	40,100	105
110										110
114										114
115										115
120										120
123										123
125										125
130										130
131										131



149,600 lb
+
60,400 lb

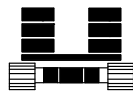


105.0 ft

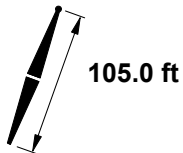


80.0 ft

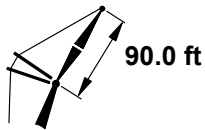
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
34										34
35										35
40										40
45										45
47										47
50										50
55										55
56										56
60										60
65										65
70										70
71	62.7	179.9	62,300 lb							71
75	59.5	177.7	58,200							75
80	55.2	174.5	53,700							80
85	50.7	170.7	49,800							85
86	49.8	169.8	49,100	57.5	173.3	46,400				86
90	45.9	166.3	46,400	54.0	170.6	43,800				90
92	43.8	164.1	45,200	52.2	169.0	42,600				92
95	40.7	161.0	43,300	49.5	166.7	40,900				95
100	34.8	154.5	40,600	44.6	162.0	38,300	52.6	165.7	36,100	100
105	28.0	146.3	38,200	39.2	156.4	36,000	47.9	161.6	33,900	105
110	19.0	134.8	35,900	33.2	149.6	33,900	42.9	156.6	32,000	110
114	5.3	116.2	34,200	27.3	142.5	32,400	38.5	151.9	30,500	114
115				25.9	140.8	32,000	37.4	150.7	30,200	115
120				15.8	127.6	30,200	31.0	143.3	28,500	120
123				1.3	107.6	29,100	26.2	137.5	27,600	123
125							23.1	133.5	27,000	125
130							10.8	117.1	25,500	130
131							5.8	110.2	25,200	131



149,600 lb
+
60,400 lb

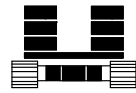


105.0 ft

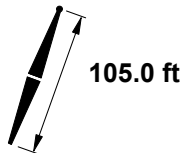


90.0 ft

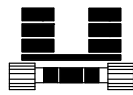
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
37	74.4	199.4	88,300 c							37
40	72.4	198.5	87,400 c							40
45	69.0	196.7	83,400 b							45
50	65.5	194.6	79,600 b	70.6	196.8	85,600 b				50
55	62.0	192.2	76,200	67.1	194.8	81,900 b				55
60	58.3	189.3	73,000	63.6	192.5	78,300	67.4	194.1	81,100 b	60
65	54.5	186.0	70,100	60.0	189.9	75,100	63.9	191.8	73,300	65
70	50.5	182.1	67,500	56.3	186.8	69,000	60.3	189.2	66,800	70
75	46.2	177.7	65,100	52.4	183.2	63,300	56.6	186.1	61,300	75
76	45.3	176.6	64,200	51.5	182.3	62,300	55.8	185.4	60,400	76
80	41.6	172.5	60,900	48.2	179.0	58,400	52.7	182.6	56,600	80
85	36.6	166.3	56,500	43.8	174.2	54,200	48.6	178.4	52,500	85
90	30.9	158.9	52,600	39.0	168.5	50,500	44.2	173.7	48,900	90
91	29.5	156.9	51,900	37.9	167.1	49,800	43.2	172.6	48,200	91
95	23.9	149.2	49,200	33.6	161.7	47,200	39.4	168.1	45,700	95
100	14.2	134.7	43,200	27.3	153.2	44,200	34.1	161.4	42,800	100
102	7.4	124.2	38,100	24.1	148.5	43,200	31.6	158.0	41,800	102
105				19.2	141.6	41,600	27.9	153.1	40,300	105
106				15.7	136.0	40,600	26.3	150.8	39,800	106
110				1.4	114.0	36,600	20.0	141.8	37,900	110
115							5.7	119.9	35,700	115
120										120
124										124
125										125
130										130
133										133
135										135
140										140
141										141



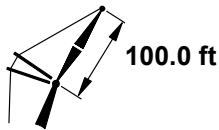
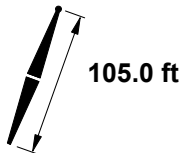
149,600 lb
+
60,400 lb



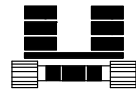
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
37										37
40										40
45										45
50										50
55										55
60										60
65										65
70										70
75										75
76	62.4	188.6	57,000							76
80										80
85	59.5	186.4	53,500							85
90	55.8	183.2	49,600							90
91	51.8	179.5	46,200							91
95	51.0	178.7	45,600	57.8	182.0	43,000				95
	47.6	175.3	43,200	54.7	179.3	40,700				
100	43.2	170.4	40,500	50.7	175.5	38,200				100
102	41.2	168.0	39,500	49.0	173.8	37,200				102
105	38.3	164.5	38,100	46.5	171.1	35,900				105
106	37.2	163.1	37,600	45.6	170.1	35,500	52.7	173.7	33,300	106
110	32.8	157.5	35,900	41.9	166.0	33,800	49.4	170.5	31,800	110
115	26.3	148.7	33,900	36.9	159.9	31,900	45.0	165.9	30,000	115
120	17.9	136.4	32,000	31.2	152.5	30,200	40.4	160.4	28,400	120
124	5.0	116.7	30,500	25.7	144.9	28,900	36.2	155.3	27,200	124
125				24.4	143.0	28,600	35.1	154.0	26,900	125
130				14.9	129.0	27,100	29.2	146.0	25,500	130
133				1.2	107.7	26,100	24.7	139.7	24,700	133
135							21.8	135.5	24,200	135
140							10.1	118.0	23,000	140
141							5.5	110.7	22,700	141



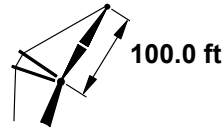
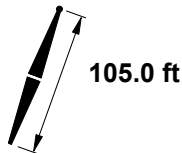
149,600 lb
+
60,400 lb



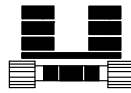
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
39	74.8	209.2	80,700 c							39
40	74.2	208.9	80,500 c							40
45	71.2	207.3	78,000 b							45
50	68.1	205.5	74,400 b							50
53	66.2	204.2	72,400 b	70.8	206.3	77,800 b				53
55	65.0	203.3	71,100	69.5	205.6	76,400 b				55
60	61.8	200.8	67,900	66.4	203.6	73,000				60
63	59.8	199.1	66,100	64.5	202.2	71,100	67.9	203.7	74,600	63
65	58.5	198.0	65,000	63.3	201.2	69,900	66.7	202.8	73,000	65
70	55.1	194.7	62,300	60.0	198.5	66,800	63.5	200.5	66,500	70
75	51.5	190.9	59,800	56.7	195.4	63,000	60.3	197.8	61,000	75
80	47.7	186.7	57,500	53.2	191.9	58,200	56.9	194.8	56,300	80
85	43.7	181.8	55,300	49.5	187.9	53,900	53.5	191.3	52,200	85
90	39.4	176.2	52,400	45.6	183.3	50,200	49.8	187.3	48,600	90
95	34.7	169.6	49,000	41.4	178.1	47,000	45.9	182.8	45,400	95
97	32.5	166.3	47,800	39.6	175.6	45,800	44.3	180.7	44,300	97
100	29.2	161.5	46,000	36.9	171.9	44,000	41.8	177.6	42,600	100
105	22.7	151.3	43,200	31.8	164.6	41,400	37.3	171.6	40,000	105
110	13.4	135.9	38,500	25.9	155.5	39,000	32.3	164.4	37,700	110
112	7.0	124.8	34,100	22.8	150.6	38,100	29.9	160.8	36,900	112
115				18.2	143.2	36,800	26.4	155.5	35,600	115
120				1.3	114.2	32,900	19.0	143.5	33,700	120
125							5.4	120.4	31,800	125
130										130
134										134
135										135
140										140
143										143
145										145
150										150
151										151



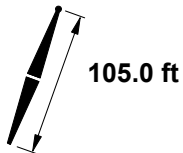
149,600 lb
+
60,400 lb



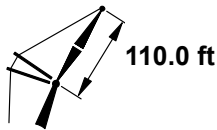
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
39										39
40										40
45										45
50										50
53										53
55										55
60										60
63										63
65										65
70										70
75										75
80	62.8	197.8	53,200							80
85	59.6	195.0	49,300							85
90	56.2	191.9	45,900							90
95	52.7	188.3	42,900							95
97	51.2	186.7	41,800	57.3	190.0	39,300				97
100	49.0	184.2	40,200	55.3	188.0	37,800				100
105	45.0	179.6	37,800	51.7	184.3	35,500				105
110	40.8	174.2	35,600	48.0	180.1	33,500				110
112	39.0	171.7	34,800	46.4	178.2	32,700	52.7	181.7	30,700	112
115	36.2	167.9	33,600	44.0	175.3	31,600	50.5	179.3	29,600	115
120	31.1	160.4	31,800	39.7	169.7	29,900	46.7	174.9	28,000	120
125	25.0	151.0	30,100	34.9	163.1	28,300	42.6	169.9	26,500	125
130	17.0	138.0	28,600	29.6	155.2	26,900	38.2	164.0	25,200	130
134	4.8	117.1	27,300	24.4	147.1	25,800	34.3	158.4	24,200	134
135				23.1	145.1	25,500	33.3	157.1	23,900	135
140				14.1	130.2	24,300	27.6	148.6	22,800	140
143				1.1	107.8	23,400	23.4	141.8	22,100	143
145							20.6	137.4	21,700	145
150							9.6	118.9	20,600	150
151							5.2	111.2	20,300	151



149,600 lb
+
60,400 lb

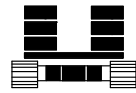


105.0 ft

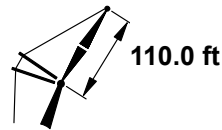
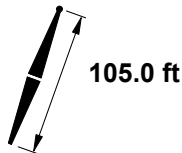


110.0 ft

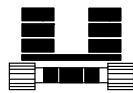
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
42	74.6	218.7	73,800 b							42
45	73.0	217.9	72,300 b							45
50	70.2	216.2	69,600 b							50
55	67.4	214.3	66,900							55
56	66.8	213.8	66,400	70.9	215.9	70,500 b				56
60	64.6	212.0	64,400	68.7	214.4	68,400				60
65	61.6	209.5	62,000	65.9	212.3	66,000				65
67	60.4	208.3	61,100	64.7	211.3	65,000	67.8	212.8	67,500	67
70	58.6	206.6	59,800	63.0	209.9	63,600	66.1	211.5	66,100	70
75	55.5	203.4	57,600	60.0	207.2	61,300	63.2	209.2	60,900	75
80	52.3	199.7	55,300	57.0	204.1	58,100	60.3	206.5	56,200	80
85	48.9	195.6	53,300	53.8	200.7	53,900	57.2	203.5	52,100	85
90	45.4	191.0	51,400	50.5	196.8	50,200	54.1	200.0	48,600	90
95	41.6	185.7	49,000	47.0	192.4	46,900	50.8	196.2	45,400	95
100	37.5	179.7	46,000	43.4	187.4	44,000	47.3	191.9	42,600	100
102	35.7	176.8	44,900	41.8	185.2	43,000	45.9	189.9	41,500	102
105	33.0	172.6	43,300	39.4	181.8	41,400	43.7	186.9	40,000	105
110	27.9	164.1	40,800	35.1	175.2	39,100	39.8	181.3	37,700	110
115	21.6	153.2	38,500	30.3	167.4	36,900	35.5	174.8	35,700	115
118	16.3	143.5	35,600	26.9	161.6	35,700	32.6	170.2	34,500	118
120	12.8	137.1	33,700	24.7	157.8	34,900	30.7	167.2	33,800	120
122	6.6	125.4	29,600	21.7	152.6	34,200	28.5	163.4	33,100	122
125				17.4	144.8	33,100	25.2	157.8	32,000	125
130				1.2	114.3	28,500	18.1	145.1	30,400	130
135							5.2	120.8	28,800	135
140										140
144										144
145										145
150										150
153										153
155										155
160										160
161										161



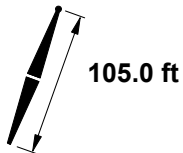
149,600 lb
+
60,400 lb



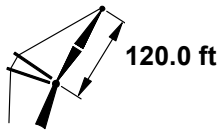
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
42										42
45										45
50										50
55										55
56										56
60										60
65										65
67										67
70										70
75										75
80										80
85	62.6	206.4	49,200							85
90	59.6	203.7	45,800							90
95	56.5	200.6	42,800							95
100	53.4	197.1	40,100							100
102	52.0	195.5	39,200	57.6	198.7	36,800				102
105	50.0	193.1	37,700	55.7	196.7	35,500				105
110	46.5	188.6	35,600	52.5	193.1	33,400				110
115	42.8	183.6	33,600	49.1	189.0	31,600				115
118	40.5	180.1	32,500	47.0	186.3	30,600	52.7	189.7	28,600	118
120	38.9	177.8	31,800	45.6	184.4	29,900	51.4	188.2	28,000	120
122	37.1	175.1	31,200	44.1	182.3	29,300	50.1	186.5	27,400	122
125	34.5	171.1	30,200	41.8	179.2	28,300	48.0	183.9	26,500	125
130	29.6	163.1	28,700	37.8	173.2	26,900	44.4	179.1	25,200	130
135	23.8	153.2	27,200	33.3	166.2	25,600	40.5	173.7	23,900	135
140	16.2	139.4	25,900	28.2	157.8	24,400	36.4	167.4	22,800	140
144	4.5	117.5	24,900	23.2	149.2	23,400	32.6	161.4	21,900	144
145				22.0	147.1	23,200	31.7	160.0	21,700	145
150				13.5	131.5	22,100	26.3	150.9	20,700	150
153				1.1	107.9	21,400	22.3	143.9	20,100	153
155							19.7	139.2	19,700	155
160							9.2	119.7	18,800	160
161							4.9	111.6	18,600	161



149,600 lb
+
60,400 lb

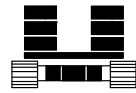


105.0 ft

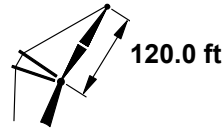
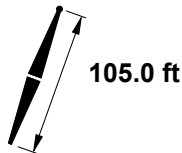


120.0 ft

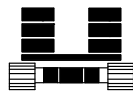
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
44	74.9	228.6	67,300 b							44
45	74.4	228.3	67,100 b							45
50	71.9	226.8	64,400 b							50
55	69.4	225.0	61,900							55
60	66.8	223.0	59,400	70.5	225.0	63,200				60
65	64.2	220.7	57,100	68.0	223.2	60,700				65
70	61.5	218.2	54,900	65.4	221.0	58,500				70
71	61.0	217.6	54,500	64.9	220.5	58,000	67.7	222.0	60,400	71
75	58.8	215.3	52,800	62.7	218.6	56,200	65.6	220.3	58,600	75
80	55.9	212.1	50,800	60.0	215.8	54,100	63.0	217.9	55,900	80
85	53.0	208.5	48,800	57.2	212.8	52,100	60.2	215.2	51,800	85
89	50.5	205.3	47,300	54.9	210.1	50,400	58.0	212.7	49,000	89
90	49.9	204.5	47,000	54.3	209.4	49,900	57.5	212.1	48,300	90
95	46.7	200.1	45,200	51.3	205.6	46,700	54.6	208.8	45,100	95
100	43.4	195.1	43,500	48.2	201.4	43,800	51.6	205.0	42,300	100
105	39.8	189.4	41,900	44.9	196.6	41,200	48.5	200.8	39,800	105
107	38.2	186.8	41,200	43.5	194.5	40,200	47.2	198.9	38,800	107
110	35.9	183.0	40,300	41.4	191.3	38,800	45.2	196.1	37,500	110
115	31.6	175.5	38,400	37.7	185.2	36,700	41.7	190.8	35,400	115
120	26.6	166.5	36,200	33.6	178.3	34,700	38.0	184.9	33,500	120
124	21.9	157.4	34,400	29.9	171.7	33,300	34.8	179.3	32,100	124
125	20.7	155.1	34,000	29.0	170.0	32,900	33.9	178.0	31,800	125
130	12.3	138.2	29,900	23.6	159.9	31,300	29.4	169.9	30,200	130
132	6.4	126.0	26,300	20.8	154.5	30,700	27.3	165.9	29,600	132
135				16.6	146.3	29,800	24.1	159.9	28,700	135
140				1.2	114.4	25,400	17.3	146.7	27,300	140
145							4.9	121.3	26,000	145
150										150
154										154
155										155
160										160
163										163
165										165
170										170
171										171



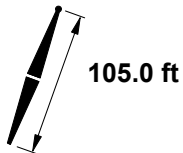
149,600 lb
+
60,400 lb



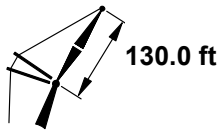
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
44										44
45										45
50										50
55										55
60										60
65										65
70										70
71										71
75										75
80										80
85										85
89	62.9	215.6	46,100							89
90	62.4	215.1	45,500							90
95	59.6	212.3	42,500							95
100	56.8	209.2	39,800							100
105	53.9	205.8	37,400							105
107	52.7	204.3	36,500	57.8	207.4	34,300				107
110	50.9	201.9	35,300	56.1	205.4	33,100				110
115	47.8	197.6	33,300	53.1	201.9	31,200				115
120	44.5	192.8	31,500	50.1	197.9	29,500				120
124	41.6	188.5	30,200	47.5	194.4	28,300	52.8	197.7	26,400	124
125	40.9	187.4	29,900	46.9	193.5	28,000	52.2	197.0	26,200	125
130	37.1	181.3	28,400	43.5	188.5	26,600	49.1	192.9	24,800	130
132	35.5	178.4	27,800	42.1	186.3	26,100	47.8	191.0	24,300	132
135	33.0	174.1	27,000	40.0	182.9	25,300	45.8	188.3	23,600	135
140	28.3	165.7	25,700	36.1	176.5	24,100	42.4	183.1	22,400	140
145	22.8	155.2	24,500	31.8	169.1	22,900	38.7	177.3	21,400	145
150	15.5	140.8	23,400	26.9	160.2	21,900	34.8	170.6	20,400	150
154	4.3	117.9	22,400	22.2	151.2	21,100	31.2	164.3	19,700	154
155				21.1	149.0	20,900	30.3	162.7	19,500	155
160				12.9	132.6	19,900	25.2	153.2	18,600	160
163				1.0	108.0	19,300	21.4	145.8	18,100	163
165							18.8	140.9	17,800	165
170							8.8	120.5	16,900	170
171							4.7	112.0	16,700	171



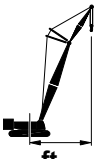
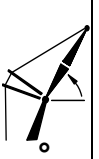
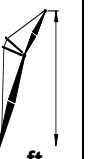
149,600 lb
+
60,400 lb

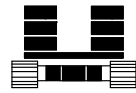


105.0 ft

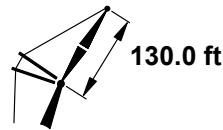
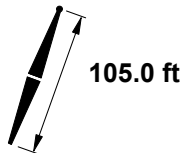


130.0 ft

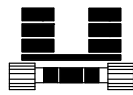
	87°			83°			80°			
										
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
47	74.7	238.1	50,800 b							47
50	73.3	237.2	50,200							50
55	71.0	235.6	49,200							55
60	68.7	233.8	48,200							60
63	67.3	232.6	47,700	70.7	234.6	49,300				63
65	66.3	231.7	47,400	69.8	233.9	48,900				65
70	63.9	229.4	46,500	67.4	231.9	48,100				70
75	61.4	226.8	45,400	65.0	229.7	47,300	67.6	231.2	48,000	75
80	58.8	223.9	43,700	62.5	227.2	46,500	65.2	229.0	47,300	80
85	56.2	220.8	42,000	60.0	224.5	44,700	62.7	226.5	46,600	85
90	53.5	217.2	40,400	57.4	221.5	43,000	60.2	223.8	44,900	90
94	51.3	214.1	39,100	55.3	218.8	41,700	58.2	221.4	43,600	94
95	50.7	213.4	38,800	54.8	218.1	41,300	57.7	220.8	43,200	95
100	47.8	209.1	37,400	52.0	214.4	39,800	55.0	217.5	41,600	100
105	44.8	204.3	35,900	49.2	210.3	38,300	52.3	213.8	39,500	105
110	41.6	199.0	34,600	46.2	205.7	36,800	49.4	209.7	37,300	110
112	40.2	196.6	34,100	44.9	203.7	36,300	48.2	207.9	36,500	112
115	38.1	193.0	33,400	43.1	200.7	35,500	46.5	205.2	35,200	115
120	34.4	186.1	32,300	39.7	195.0	34,200	43.3	200.2	33,300	120
125	30.3	178.3	31,200	36.2	188.6	32,800	40.0	194.6	31,600	125
130	25.6	168.8	30,300	32.2	181.2	31,200	36.5	188.2	30,000	130
135	19.9	156.9	29,500	27.8	172.6	29,700	32.6	181.0	28,600	135
140	11.8	139.2	27,000	22.7	162.0	28,200	28.2	172.4	27,200	140
142	6.1	126.5	23,700	20.0	156.3	27,700	26.2	168.3	26,700	142
145				16.0	147.7	26,900	23.1	162.0	26,000	145
150				1.1	114.5	23,000	16.6	148.2	24,800	150
155							4.7	121.7	23,600	155
160										160
164										164
165										165
170										170
173										173
175										175
180										180
181										181



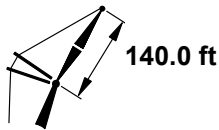
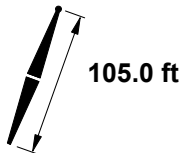
149,600 lb
+
60,400 lb

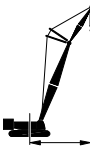


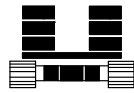
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
47										47
50										50
55										55
60										60
63										63
65										65
70										70
75										75
80										80
85										85
90										90
94	62.7	224.3	42,800							94
95	62.2	223.8	42,200							95
100	59.7	221.0	39,600							100
105	57.1	217.9	37,200							105
110	54.4	214.5	35,000							110
112	53.3	213.0	34,200	58.0	216.0	32,100				112
115	51.7	210.8	33,100	56.4	214.1	31,000				115
120	48.8	206.6	31,300	53.7	210.6	29,300				120
125	45.8	202.0	29,700	50.9	206.7	27,800				125
130	42.6	196.8	28,200	48.0	202.5	26,400	52.8	205.7	24,600	130
135	39.3	191.1	26,800	45.0	197.7	25,100	50.0	201.7	23,400	135
140	35.6	184.5	25,500	41.8	192.4	23,900	47.0	197.3	22,200	140
142	34.0	181.5	25,100	40.4	190.0	23,400	45.8	195.3	21,800	142
145	31.7	177.0	24,300	38.3	186.5	22,700	44.0	192.4	21,200	145
150	27.2	168.2	23,200	34.6	179.7	21,700	40.7	186.9	20,200	150
155	21.9	157.2	22,200	30.5	171.9	20,700	37.2	180.7	19,300	155
160	14.9	142.1	21,200	25.9	162.6	19,800	33.4	173.6	18,400	160
164	4.2	118.2	20,400	21.4	153.2	19,100	30.0	167.0	17,800	164
165				20.2	150.8	18,900	29.1	165.4	17,600	165
170				12.4	133.7	18,100	24.2	155.4	16,800	170
173				1.0	108.1	17,500	20.5	147.7	16,400	173
175							18.1	142.5	16,100	175
180							8.4	121.2	15,400	180
181							4.5	112.4	15,200	181



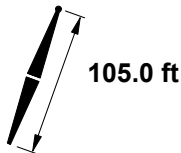
149,600 lb
+
60,400 lb



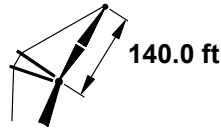
	 87°			 83°			 80°			
	 ft	 ft	 lb	 ft	 lb		 ft	 lb	 ft	
49	75.0	247.9	47,200 b						49	
50	74.6	247.6	47,000						50	
55	72.4	246.2	46,100						55	
60	70.3	244.5	45,300						60	
65	68.1	242.6	44,500						65	
66	67.6	242.1	44,200	70.8	244.1	45,600			66	
70	65.9	240.5	43,400	69.1	242.7	45,000			70	
75	63.6	238.1	41,700	66.9	240.7	44,300			75	
78	62.2	236.5	40,700	65.5	239.3	43,300	68.0	240.7	44,500	
80	61.3	235.5	40,000	64.6	238.4	42,600	67.1	239.9	44,200	
85	58.9	232.6	38,400	62.4	235.9	40,900	64.8	237.7	42,700	
90	56.5	229.4	36,800	60.0	233.2	39,300	62.5	235.2	41,100	
95	54.0	226.0	35,300	57.6	230.1	37,700	60.2	232.5	39,500	
98	52.5	223.7	34,400	56.1	228.1	36,800	58.8	230.7	38,500	
100	51.4	222.2	33,800	55.2	226.8	36,200	57.8	229.5	37,900	
105	48.8	218.0	32,500	52.6	223.2	34,700	55.4	226.2	36,300	
110	46.0	213.4	31,100	50.0	219.2	33,300	52.9	222.6	34,900	
115	43.1	208.3	29,900	47.3	214.8	32,000	50.2	218.6	33,500	
118	41.2	204.9	29,200	45.6	211.8	31,200	48.6	216.0	32,700	
120	40.0	202.7	28,700	44.4	209.9	30,600	47.5	214.2	32,200	
125	36.7	196.3	27,600	41.4	204.5	29,500	44.7	209.4	30,900	
130	33.1	189.2	26,500	38.2	198.5	28,200	41.7	204.1	29,600	
135	29.2	180.9	25,600	34.8	191.8	27,200	38.5	198.1	28,300	
136	28.3	178.9	25,400	34.0	190.2	27,000	37.8	196.8	28,000	
140	24.6	171.0	24,700	31.0	184.1	26,200	35.1	191.5	27,000	
145	19.1	158.6	24,000	26.8	175.0	25,200	31.4	183.8	25,700	
150	11.4	140.3	23,400	21.8	163.9	24,400	27.2	174.9	24,600	
152	5.9	127.1	21,200	19.2	158.0	24,100	25.2	170.5	24,100	
155				15.4	149.1	23,700	22.3	164.0	23,500	
160				1.1	114.6	20,600	16.0	149.6	22,400	
165							4.6	122.1	21,400	
170									170	
174									174	
175									175	
180									180	
183									183	
185									185	
190									190	
191									191	



149,600 lb
+
60,400 lb

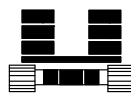


105.0 ft



140.0 ft

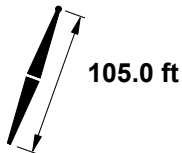
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
49										49
50										50
55										55
60										60
65										65
66										66
70										70
75										75
78										78
80										80
85										85
90										90
95										95
98	63.0	233.5	40,200							98
100	62.0	232.4	39,200							100
105	59.7	229.7	36,800							105
110	57.3	226.6	34,700							110
115	54.8	223.2	32,800							115
118	53.3	221.0	31,700	57.6	224.1	29,600				118
120	52.3	219.5	31,000	56.6	222.8	28,900				120
125	49.6	215.5	29,400	54.2	219.3	27,400				125
130	46.9	211.0	27,900	51.6	215.6	26,000				130
135	44.0	206.1	26,500	48.9	211.4	24,700				135
136	43.4	205.0	26,300	48.4	210.5	24,500	52.8	213.7	22,800	136
140	41.0	200.7	25,200	46.2	206.8	23,500	50.7	210.6	21,900	140
145	37.8	194.6	24,100	43.2	201.8	22,400	48.1	206.3	20,800	145
150	34.3	187.7	23,000	40.2	196.2	21,400	45.2	201.6	19,800	150
152	32.8	184.5	22,500	38.9	193.6	21,000	44.0	199.5	19,500	152
155	30.5	179.8	21,900	36.9	189.9	20,400	42.3	196.3	18,900	155
160	26.2	170.5	21,000	33.3	182.8	19,500	39.1	190.5	18,100	160
165	21.1	159.1	20,100	29.4	174.6	18,700	35.8	184.0	17,300	165
170	14.3	143.4	19,200	24.9	164.8	17,800	32.1	176.6	16,500	170
174	4.0	118.6	18,500	20.6	155.0	17,200	28.8	169.7	15,900	174
175				19.5	152.6	17,100	28.0	167.9	15,800	175
180				11.9	134.8	16,300	23.3	157.5	15,100	180
183				1.0	108.2	15,800	19.8	149.4	14,700	183
185							17.4	144.0	14,500	185
190							8.1	122.0	13,800	190
191							4.4	112.8	13,700	191



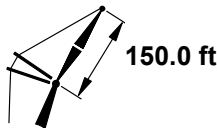
149,600 lb
+
60,400 lb



360°



105.0 ft

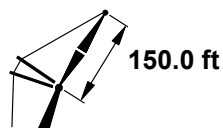
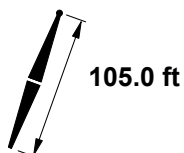


150.0 ft

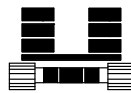
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
52	74.8	257.5	43,700							52
55	73.6	256.6	43,200							55
60	71.6	255.1	42,400							60
65	69.6	253.3	41,600							65
69	68.0	251.7	40,300	70.9	253.7	42,200				69
70	67.6	251.3	40,000	70.5	253.3	42,100				70
75	65.5	249.2	38,400	68.5	251.5	40,900				75
80	63.4	246.8	36,800	66.4	249.4	39,200				80
82	62.5	245.7	36,200	65.6	248.5	38,600	67.9	249.9	40,200	82
85	61.2	244.1	35,300	64.3	247.1	37,600	66.6	248.6	39,300	85
90	59.0	241.3	33,800	62.2	244.6	36,100	64.5	246.4	37,700	90
95	56.7	238.1	32,300	60.0	241.8	34,700	62.4	243.9	36,300	95
100	54.4	234.7	30,900	57.8	238.8	33,200	60.2	241.1	34,800	100
103	53.0	232.5	30,100	56.4	236.8	32,300	58.9	239.3	33,900	103
105	52.0	231.0	29,600	55.5	235.5	31,700	58.0	238.1	33,300	105
110	49.6	226.9	28,300	53.1	231.9	30,300	55.7	234.9	31,900	110
115	47.0	222.4	27,100	50.7	228.0	29,100	53.3	231.3	30,600	115
120	44.4	217.6	25,900	48.2	223.7	27,800	50.9	227.4	29,200	120
123	42.7	214.3	25,200	46.6	220.9	27,100	49.4	224.9	28,500	123
125	41.6	212.2	24,800	45.6	219.0	26,600	48.4	223.2	28,000	125
130	38.6	206.2	23,700	42.9	213.9	25,400	45.8	218.5	26,700	130
135	35.4	199.6	22,800	40.0	208.2	24,300	43.1	213.4	25,600	135
140	32.0	192.1	21,800	36.9	201.9	23,300	40.2	207.8	24,500	140
142	30.4	188.6	21,500	35.6	199.1	22,900	39.0	205.3	24,100	142
145	28.2	183.5	20,900	33.6	194.9	22,400	37.2	201.6	23,500	145
150	23.8	173.2	20,100	30.0	186.8	21,400	33.9	194.6	22,500	150
155	18.5	160.3	19,400	25.9	177.3	20,600	30.3	186.6	21,600	155
160	11.0	141.2	18,900	21.1	165.8	19,800	26.2	177.3	20,700	160
162	5.7	127.6	18,800	18.6	159.6	19,600	24.3	172.7	20,400	162
165				14.9	150.4	19,200	21.5	166.0	19,900	165
170				1.1	114.7	18,700	15.5	151.0	19,300	170
175							4.4	122.5	18,900	175
180										180
184										184
185										185
190										190
193										193
195										195
200										200
201										201



149,600 lb
+
60,400 lb



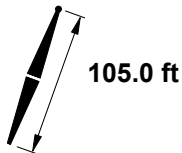
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
52										52
55										55
60										60
65										65
69										69
70										70
75										75
80										80
82										82
85										85
90										90
95										95
100										100
103	62.8	242.2	36,200							103
105	61.9	241.1	35,600							105
110	59.7	238.3	34,300							110
115	57.5	235.3	32,700							115
120	55.2	231.9	30,900							120
123	53.8	229.8	29,900	57.8	232.8	27,900				123
125	52.8	228.3	29,300	56.9	231.5	27,300				125
130	50.4	224.3	27,800	54.6	228.1	25,900				130
135	47.9	220.0	26,400	52.2	224.3	24,600				135
140	45.2	215.3	25,200	49.7	220.3	23,400				140
142	44.1	213.2	24,700	48.7	218.5	23,000	52.9	221.7	21,300	142
145	42.5	210.1	24,000	47.2	215.9	22,300	51.4	219.4	20,700	145
150	39.6	204.3	22,900	44.5	211.0	21,300	48.9	215.2	19,800	150
155	36.5	197.9	21,900	41.7	205.7	20,300	46.3	210.7	18,800	155
160	33.1	190.7	20,900	38.8	199.7	19,400	43.6	205.6	18,000	160
162	31.6	187.4	20,600	37.5	197.1	19,100	42.5	203.4	17,700	162
165	29.4	182.5	20,000	35.6	193.2	18,600	40.8	200.1	17,200	165
170	25.3	172.8	19,200	32.2	185.7	17,800	37.8	194.0	16,500	170
175	20.3	160.9	18,400	28.4	177.1	17,000	34.5	187.2	15,800	175
180	13.8	144.6	17,600	24.1	167.0	16,300	31.0	179.4	15,100	180
184	3.9	118.9	17,000	19.9	156.8	15,800	27.8	172.2	14,600	184
185				18.8	154.2	15,700	27.1	170.4	14,400	185
190				11.5	135.8	15,000	22.5	159.5	13,800	190
193				0.9	108.3	14,500	19.1	151.1	13,500	193
195							16.8	145.5	13,300	195
200							7.9	122.7	12,700	200
201							4.2	113.2	12,500	201



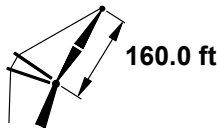
149,600 lb
+
60,400 lb



360°

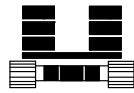


105.0 ft

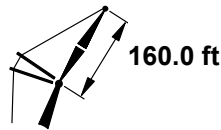
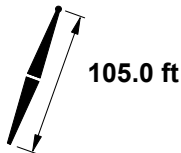


160.0 ft

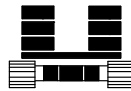
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
55	74.7	267.0	40,300							55
60	72.8	265.6	39,500							60
65	70.9	263.9	38,200							65
70	69.0	262.1	36,600							70
73	67.9	260.9	35,700	70.7	262.9	38,000				73
75	67.1	260.1	35,000	69.9	262.2	37,400				75
80	65.1	257.9	33,500	68.0	260.2	35,800				80
85	63.2	255.4	32,000	66.0	258.1	34,300				85
86	62.7	254.9	31,700	65.6	257.6	34,000	67.8	259.1	35,500	86
90	61.1	252.8	30,600	64.1	255.8	32,800	66.2	257.4	34,400	90
95	59.1	249.9	29,100	62.1	253.2	31,400	64.2	255.1	32,900	95
100	57.0	246.8	27,800	60.0	250.5	29,900	62.2	252.5	31,500	100
105	54.8	243.4	26,500	57.9	247.5	28,600	60.2	249.8	30,100	105
107	53.9	241.9	26,000	57.1	246.2	28,000	59.3	248.6	29,500	107
110	52.6	239.7	25,300	55.8	244.2	27,200	58.1	246.8	28,700	110
115	50.3	235.8	24,100	53.6	240.7	26,000	56.0	243.6	27,400	115
120	47.9	231.4	22,900	51.3	236.8	24,800	53.8	240.0	26,100	120
125	45.4	226.7	21,800	49.0	232.7	23,600	51.5	236.2	24,900	125
128	43.9	223.6	21,200	47.5	229.9	22,900	50.1	233.7	24,200	128
130	42.9	221.6	20,800	46.6	228.1	22,400	49.2	232.1	23,700	130
135	40.2	215.9	19,800	44.1	223.2	21,400	46.8	227.6	22,600	135
140	37.3	209.7	18,800	41.4	217.8	20,400	44.3	222.7	21,500	140
145	34.3	202.7	17,900	38.6	211.8	19,400	41.7	217.3	20,500	145
148	32.3	198.0	17,400	36.9	207.8	18,800	40.0	213.8	19,900	148
150	30.9	194.9	17,100	35.7	205.2	18,400	38.9	211.4	19,600	150
155	27.2	185.9	16,300	32.5	197.8	17,600	35.9	204.9	18,600	155
160	23.0	175.3	15,600	29.0	189.4	16,800	32.8	197.5	17,700	160
165	17.9	161.9	14,900	25.0	179.6	16,000	29.3	189.2	16,900	165
170	10.6	142.2	14,000	20.4	167.6	15,300	25.4	179.6	16,100	170
172	5.5	128.1	13,700	18.0	161.3	15,000	23.6	174.9	15,800	172
175				14.4	151.7	14,500	20.8	167.8	15,400	175
180				1.0	114.7	13,700	15.0	152.4	14,500	180
185							4.3	122.9	13,700	185
190										190
194										194
195										195
200										200
203										203
205										205
210										210
211										211



149,600 lb
+
60,400 lb



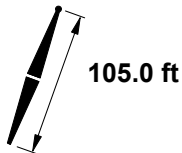
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
55										55
60										60
65										65
70										70
73										73
75										75
80										80
85										85
86										86
90										90
95										95
100										100
105										105
107	63.0	251.4	31,700							107
110	61.8	249.8	30,900							110
115	59.7	247.0	29,700							115
120	57.6	243.9	28,300							120
125	55.5	240.6	27,100							125
128	54.2	238.5	26,300	57.9	241.4	26,100				128
130	53.3	237.1	25,800	57.1	240.1	25,600				130
135	51.0	233.2	24,700	54.9	236.8	24,300				135
140	48.7	229.0	23,500	52.7	233.1	23,100				140
145	46.2	224.4	22,400	50.4	229.1	22,000				145
148	44.7	221.4	21,800	49.0	226.6	21,400	52.9	229.7	19,800	148
150	43.7	219.4	21,300	48.0	224.8	21,000	52.0	228.2	19,400	150
155	41.1	213.9	20,300	45.6	220.1	20,000	49.7	224.1	18,500	155
160	38.3	207.8	19,400	43.0	215.0	19,100	47.3	219.7	17,700	160
165	35.3	201.2	18,500	40.3	209.4	18,300	44.8	214.8	16,900	165
170	32.0	193.6	17,600	37.5	203.2	17,500	42.2	209.6	16,100	170
172	30.6	190.2	17,300	36.3	200.4	17,200	41.1	207.3	15,800	172
175	28.5	185.1	16,800	34.4	196.3	16,800	39.4	203.8	15,400	175
180	24.5	175.0	16,000	31.1	188.5	16,000	36.5	197.4	14,800	180
185	19.7	162.7	15,300	27.5	179.6	15,400	33.4	190.2	14,100	185
190	13.4	145.8	14,400	23.3	169.1	14,700	30.0	182.1	13,500	190
194	3.8	119.3	13,800	19.2	158.5	14,300	26.9	174.6	13,100	194
195				18.2	155.9	14,100	26.2	172.7	13,000	195
200				11.2	136.8	13,500	21.8	161.5	12,400	200
203				0.9	108.4	13,100	18.5	152.8	12,100	203
205							16.3	147.0	11,900	205
210							7.6	123.3	11,400	210
211							4.1	113.6	11,300	211



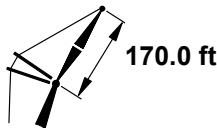
149,600 lb
+
60,400 lb



360°

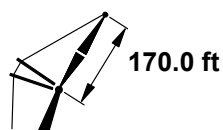
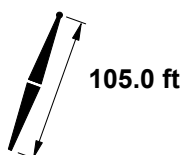
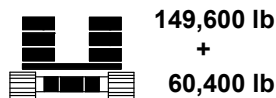


105.0 ft

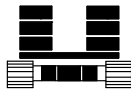


170.0 ft

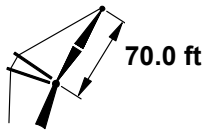
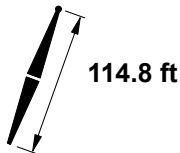
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
57	74.9	276.8	37,200							57
60	73.9	276.0	36,700							60
65	72.1	274.5	35,300							65
70	70.3	272.8	33,800							70
75	68.5	270.9	32,300							75
76	68.2	270.5	32,000	70.8	272.4	34,200				76
80	66.7	268.8	30,800	69.3	271.0	33,000				80
85	64.9	266.6	29,400	67.5	269.0	31,500				85
90	63.0	264.1	28,100	65.7	266.8	30,100	67.7	268.2	31,500	90
95	61.1	261.5	26,700	63.8	264.5	28,700	65.9	266.1	30,200	95
100	59.1	258.6	25,400	61.9	261.9	27,400	64.0	263.8	28,800	100
105	57.1	255.5	24,100	60.0	259.1	26,100	62.1	261.2	27,500	105
110	55.1	252.1	23,000	58.0	256.1	24,800	60.2	258.5	26,200	110
112	54.3	250.7	22,500	57.2	254.8	24,300	59.4	257.3	25,700	112
115	53.0	248.5	21,800	56.0	252.9	23,600	58.2	255.5	25,000	115
120	50.9	244.6	20,700	54.0	249.4	22,400	56.2	252.2	23,700	120
125	48.7	240.4	19,600	51.9	245.6	21,300	54.2	248.8	22,600	125
130	46.4	235.8	18,600	49.7	241.5	20,200	52.1	245.0	21,400	130
134	44.5	231.8	17,900	47.9	238.0	19,400	50.3	241.8	20,600	134
135	44.0	230.8	17,700	47.4	237.1	19,200	49.9	241.0	20,300	135
140	41.5	225.4	16,800	45.1	232.3	18,200	47.6	236.6	19,300	140
145	38.9	219.5	15,800	42.7	227.1	17,200	45.3	231.8	18,300	145
150	36.2	213.0	15,100	40.1	221.5	16,300	42.9	226.7	17,400	150
154	33.8	207.2	14,400	38.0	216.5	15,700	40.9	222.2	16,600	154
155	33.2	205.8	14,300	37.4	215.3	15,500	40.4	221.0	16,500	155
160	30.0	197.6	13,500	34.6	208.4	14,700	37.7	214.9	15,600	160
165	26.4	188.3	12,600	31.5	200.7	14,000	34.8	208.1	14,800	165
170	22.3	177.3	11,700	28.1	191.9	13,000	31.8	200.4	14,100	170
175	17.4	163.4	10,800	24.3	181.8	12,100	28.4	191.8	13,100	175
180	10.3	143.1	10,100	19.8	169.4	11,300	24.6	181.8	12,300	180
182	5.3	128.5	9,800	17.5	162.8	10,900	22.8	176.9	11,900	182
185				14.0	152.9	10,400	20.2	169.6	11,300	185
190				1.0	114.8	9,800	14.5	153.6	10,500	190
195							4.1	123.3	9,800	195
200										200
204										204
205										205
210										210
213										213
215										215
220										220
221										221



	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
57										57
60										60
65										65
70										70
75										75
76										76
80										80
85										85
90										90
95										95
100										100
105										105
110										110
112	62.8	260.0	27,800							112
115	61.7	258.4	27,000							115
120	59.7	255.6	25,800							120
125	57.8	252.6	24,600							125
130	55.8	249.3	23,400							130
134	54.1	246.5	22,500	57.6	249.5	24,300				134
135	53.7	245.8	22,300	57.2	248.8	24,000				135
140	51.6	242.0	21,200	55.2	245.5	22,900				140
145	49.4	237.9	20,100	53.1	241.9	21,800				145
150	47.1	233.4	19,100	51.0	238.0	20,700				150
154	45.3	229.5	18,300	49.2	234.6	20,000	52.9	237.7	18,400	154
155	44.8	228.6	18,100	48.8	233.8	19,800	52.5	237.0	18,200	155
160	42.3	223.3	17,200	46.5	229.2	18,800	50.3	233.0	17,400	160
165	39.8	217.6	16,400	44.2	224.3	17,900	48.1	228.6	16,600	165
170	37.1	211.3	15,500	41.7	218.9	17,000	45.8	224.0	15,900	170
175	34.2	204.3	14,700	39.1	213.0	16,100	43.4	218.9	15,200	175
180	31.0	196.5	13,900	36.3	206.5	15,200	40.9	213.4	14,500	180
182	29.7	192.9	13,500	35.1	203.7	14,900	39.8	210.9	14,300	182
185	27.6	187.6	13,000	33.4	199.4	14,500	38.2	207.3	13,900	185
190	23.7	177.1	12,100	30.2	191.3	13,700	35.4	200.6	13,300	190
195	19.1	164.4	11,200	26.6	182.0	12,800	32.4	193.2	12,800	195
200	13.0	147.0	10,400	22.6	171.1	11,900	29.1	184.8	12,200	200
204	3.6	119.6	9,800	18.7	160.2	11,200	26.1	177.0	11,800	204
205				17.7	157.5	11,000	25.4	175.0	11,700	205
210				10.8	137.8	10,200	21.1	163.4	11,200	210
213				0.9	108.4	9,900	17.9	154.4	10,900	213
215							15.8	148.4	10,800	215
220							7.4	124.0	10,000	220
221							4.0	113.9	9,900	221



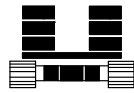
149,600 lb
+
60,400 lb



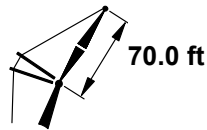
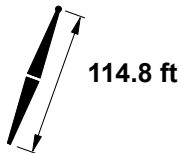
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
32	74.5	190.0	104,400 d							32
35	71.9	189.1	104,400 c							35
40	67.5	187.2	104,400 c							40
45	63.0	184.9	103,200 b	70.1	187.5	105,900 c				45
50	58.3	182.1	98,600 b	65.7	185.5	105,500 c				50
54	54.4	179.4	95,100 b	62.1	183.5	95,800 c	67.5	185.3	92,300 c	54
55	53.4	178.7	94,200	61.2	183.0	93,400 b	66.6	184.9	90,200 c	55
60	48.1	174.6	87,400	56.4	179.9	83,600 b	62.0	182.5	80,800 b	60
65	42.3	169.7	79,100	51.3	176.3	75,700	57.3	179.6	73,100 b	65
69	37.1	164.7	73,500	46.9	172.8	70,300	53.3	176.7	67,900 b	69
70	35.8	163.5	72,100	45.8	171.9	69,000	52.3	176.0	66,600	70
75	28.1	155.5	66,100	39.8	166.5	63,300	46.9	171.8	61,200	75
80	17.5	143.6	58,200	32.9	159.7	58,400	41.0	166.6	56,400	80
83	4.9	128.5	46,600	27.8	154.2	55,800	37.0	162.7	54,000	83
84				26.1	152.4	55,000	35.6	161.4	53,100	84
85				24.4	150.5	54,100	34.3	160.1	52,300	85
90				10.7	134.7	50,300	26.1	151.5	48,700	90
91				4.6	127.3	49,000	23.8	148.8	48,000	91
95							14.3	137.9	45,400	95
97							3.8	125.3	44,100	97
98										98
100										100
105										105
106										106
110										110
115										115
116										116
120										120
125										125

MLC200 S-2

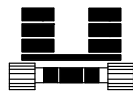
ASME B30.5



149,600 lb
+
60,400 lb



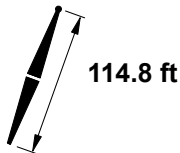
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
32										32
35										35
40										40
45										45
50										50
54										54
55										55
60										60
65										65
69	62.7	180.5	63,900 b							69
70	61.8	180.0	62,700 b							70
75	57.0	177.0	57,600 b							75
80	52.0	173.5	53,100							80
83	48.8	170.9	50,800							83
84	47.7	170.0	50,000	57.5	174.1	46,900 b				84
85	46.6	169.2	49,300	56.5	173.5	46,200 b				85
90	40.7	163.9	45,900	51.5	169.9	43,100				90
91	39.3	162.6	45,300	50.4	169.0	42,500				91
95	33.9	157.3	42,800	46.0	165.5	40,200				95
97	30.6	153.8	41,800	43.6	163.3	39,200				97
98	28.9	152.1	41,200	42.4	162.3	38,700	52.7	166.8	36,200	98
100	25.6	148.6	40,100	40.0	160.1	37,700	50.6	165.2	35,300	100
105	13.4	134.5	37,600	33.1	153.4	35,400	45.1	160.7	33,100	105
106	9.2	129.4	37,100	31.4	151.6	35,000	43.8	159.5	32,700	106
110				24.7	144.3	33,300	39.0	155.1	31,200	110
115				11.4	129.0	31,400	31.9	148.1	29,400	115
116				6.0	122.4	30,900	30.1	146.1	29,100	116
120							23.0	138.4	27,800	120
125							7.3	120.0	26,200	125



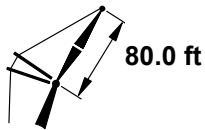
149,600 lb
+
60,400 lb



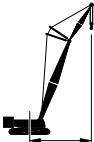
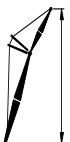
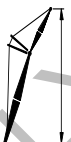
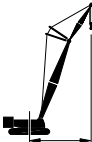
360°

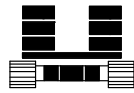


114.8 ft

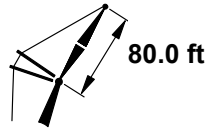
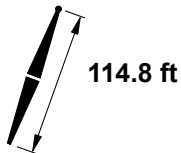


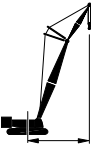
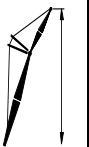
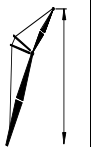
80.0 ft

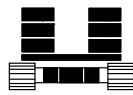
	 87°			 83°			 80°			
 ft		 ft	 lb		 ft	 lb		 ft	 lb	 ft
34	75.0	199.8	95,700 d							34
35	74.2	199.5	95,600 c							35
40	70.5	197.9	95,500 c							40
45	66.6	196.0	94,800 b							45
48	64.2	194.5	92,300 b	70.5	197.1	96,700 c				48
50	62.7	193.6	90,600 b	68.9	196.3	96,700 c				50
55	58.6	190.8	86,700	65.0	194.2	93,100 b				55
58	56.0	188.8	84,600	62.6	192.7	87,300 b	67.3	194.5	84,000 b	58
60	54.2	187.4	83,200	61.0	191.6	83,400 b	65.8	193.6	80,500 b	60
65	49.7	183.5	78,900	56.8	188.6	75,400	61.8	191.1	72,800 b	65
70	44.8	178.9	71,900	52.4	185.1	68,700	57.6	188.2	66,300	70
74	40.5	174.5	67,200	48.7	181.7	64,200	54.1	185.5	62,000	74
75	39.5	173.4	66,000	47.8	180.9	63,100	53.3	184.8	60,900	75
80	33.5	166.6	60,900	42.7	175.9	58,200	48.7	180.7	56,200	80
85	26.3	157.9	56,500	37.1	170.0	54,000	43.7	175.9	52,100	85
89	18.4	147.7	52,100	32.0	164.0	51,000	39.3	171.3	49,200	89
90	16.4	145.1	51,000	30.7	162.5	50,300	38.2	170.2	48,500	90
93	4.6	128.9	41,300	25.9	156.6	48,300	34.5	165.9	46,600	93
95				22.8	152.6	46,900	32.0	163.1	45,300	95
100				10.0	135.6	43,900	24.4	153.7	42,500	100
101				4.3	127.7	43,300	22.2	150.8	41,900	101
104							15.5	142.0	40,400	104
105							13.3	139.1	39,800	105
107							3.6	125.6	38,800	107
110										110
115										115
116										116
120										120
125										125
126										126
130										130
135										135



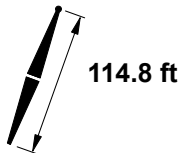
149,600 lb
+
60,400 lb



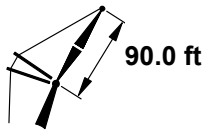
	 75°			 70°			 65°			
 ft	 ft	 ft	 lb	 ft	 ft	 lb	 ft	 lb	 ft	
34									34	
35									35	
40									40	
45									45	
48									48	
50									50	
55									55	
58									58	
60									60	
65									65	
70									70	
74	62.4	189.2	58,200 b						74	
75	61.6	188.6	57,200 b						75	
80	57.4	185.7	52,800						80	
85	53.0	182.2	49,000						85	
89	49.3	178.9	46,200	57.8	182.8	43,300			89	
90	48.4	178.1	45,600	57.0	182.2	42,700			90	
93	45.4	175.2	43,800	54.3	180.1	41,000			93	
95	43.4	173.3	42,600	52.6	178.6	39,900			95	
100	37.9	167.5	39,900	47.9	174.5	37,400			100	
101	36.7	166.0	39,400	46.9	173.5	36,900			101	
104	32.9	161.7	38,000	43.9	170.5	35,600	52.7	174.8	33,200	
105	31.6	160.3	37,500	42.9	169.6	35,100	51.8	174.0	32,800	
107	28.6	156.5	36,600	40.7	167.2	34,300	50.0	172.3	32,000	
110	24.0	150.8	35,300	37.3	163.6	33,100	47.1	169.7	30,800	
115	12.5	135.6	33,300	30.9	156.2	31,200	42.0	164.6	29,100	
116	8.6	130.2	32,800	29.4	154.3	30,900	40.9	163.4	28,800	
120				23.1	146.4	29,500	36.4	158.5	27,500	
125				10.7	129.9	27,900	29.8	150.8	26,100	
126				5.6	123.0	27,500	28.1	148.7	25,800	
130							21.5	140.4	24,700	
135							6.8	120.6	23,300	



149,600 lb
+
60,400 lb

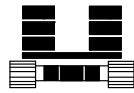


114.8 ft

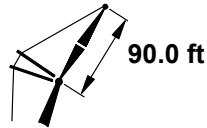
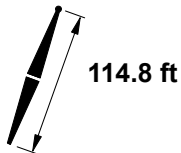


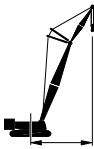
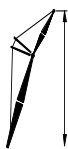
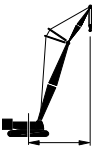
90.0 ft

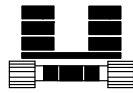
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	lb	ft	
37	74.7	209.3	86,200 c							37
40	72.7	208.5	86,000 c							40
45	69.4	206.7	83,100 b							45
50	65.9	204.7	79,500 b							50
51	65.2	204.2	78,800 b	70.7	206.6	85,000 b				51
55	62.4	202.3	76,100	68.0	205.1	82,100 b				55
60	58.7	199.4	73,000	64.5	202.9	78,700				60
61	57.9	198.8	72,400	63.8	202.4	78,000	67.9	204.1	78,600 b	61
65	54.9	196.2	70,100	60.9	200.3	75,200	65.1	202.3	72,600 b	65
70	50.9	192.4	67,500	57.2	197.3	68,600	61.6	199.8	66,100	70
75	46.7	188.0	65,100	53.3	193.8	62,900	57.9	196.9	60,700	75
78	44.0	184.9	62,600	50.9	191.4	60,000	55.6	194.9	57,900	78
80	42.1	182.9	60,900	49.2	189.8	58,100	54.0	193.5	56,000	80
85	37.1	176.9	56,500	44.9	185.2	53,900	50.0	189.6	51,900	85
90	31.5	169.5	52,600	40.2	179.7	50,200	45.7	185.1	48,400	90
95	24.7	160.2	49,100	34.9	173.2	46,900	41.1	179.8	45,200	95
100	15.5	146.5	44,800	28.9	165.2	44,000	36.0	173.5	42,400	100
103	4.3	129.3	36,600	24.4	158.8	42,400	32.5	168.9	40,900	103
105				21.4	154.6	41,300	30.1	165.8	39,900	105
110				9.5	136.5	38,900	23.0	155.8	37,500	110
111				4.1	128.0	38,300	20.9	152.7	37,100	111
115							12.6	140.2	35,400	115
117							3.3	125.9	34,500	117
120										120
125										125
126										126
130										130
135										135
136										136
140										140
145										145



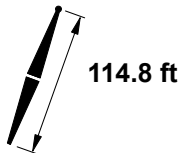
149,600 lb
+
60,400 lb



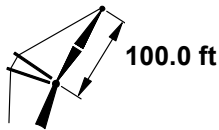
	 75°			 70°			 65°			
 ft		 ft	 lb		 ft	 lb		 ft	 lb	 ft
37										37
40										40
45										45
50										50
51										51
55										55
60										60
61										61
65										65
70										70
75										75
78	62.8	198.4	54,300							78
80	61.4	197.3	52,600							80
85	57.7	194.4	48,800							85
90	53.8	191.0	45,400							90
95	49.8	187.0	42,400	57.3	190.8	39,700				95
100	45.5	182.5	39,800	53.4	187.4	37,200				100
103	42.7	179.3	38,300	51.0	185.0	35,800				103
105	40.8	177.1	37,400	49.4	183.4	34,900				105
110	35.7	170.8	35,200	45.0	178.8	32,900	52.8	182.8	30,600	110
111	34.5	169.2	34,800	44.1	177.7	32,500	52.0	181.9	30,300	111
115	29.8	163.0	33,300	40.3	173.3	31,100	48.7	178.7	28,900	115
117	26.9	158.9	32,500	38.2	170.8	30,400	46.9	176.8	28,300	117
120	22.6	152.8	31,400	35.1	166.9	29,400	44.3	173.9	27,300	120
125	11.8	136.7	29,700	29.1	158.9	27,800	39.5	168.4	25,900	125
126	8.1	130.9	29,400	27.6	156.8	27,600	38.4	167.0	25,600	126
130				21.7	148.4	26,400	34.2	161.7	24,600	130
135				10.1	130.8	25,000	28.0	153.4	23,300	135
136				5.3	123.4	24,700	26.5	151.2	23,100	136
140							20.3	142.3	22,200	140
145							6.4	121.2	21,000	145



149,600 lb
+
60,400 lb

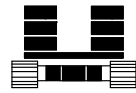


114.8 ft

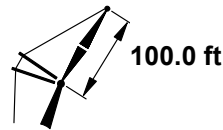
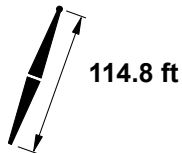


100.0 ft

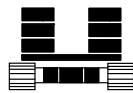
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
40	74.5	218.9	78,800 c							40
45	71.5	217.4	77,700 b							45
50	68.4	215.5	74,200 b							50
54	66.0	213.8	71,600 b	70.9	216.1	77,200 b				54
55	65.3	213.4	71,000	70.3	215.8	76,600 b				55
60	62.1	210.9	67,800	67.2	213.8	73,300				60
65	58.8	208.1	65,000	64.0	211.6	70,200	67.8	213.2	72,200 b	65
70	55.4	204.9	62,300	60.8	209.0	67,300	64.6	211.0	65,800	70
75	51.9	201.2	59,800	57.5	206.0	62,700	61.4	208.5	60,400	75
80	48.1	197.0	57,500	54.0	202.6	57,800	58.1	205.6	55,700	80
83	45.7	194.1	56,300	51.8	200.2	55,300	56.0	203.6	53,300	83
85	44.2	192.2	55,400	50.4	198.7	53,600	54.7	202.2	51,600	85
90	39.9	186.6	52,400	46.6	194.3	49,900	51.1	198.4	48,100	90
95	35.2	180.1	49,000	42.5	189.2	46,700	47.3	194.1	44,900	95
100	29.8	172.3	45,900	38.0	183.3	43,800	43.2	189.2	42,100	100
105	23.4	162.3	43,200	33.1	176.3	41,100	38.9	183.4	39,600	105
110	14.7	147.8	39,900	27.4	167.7	38,800	34.1	176.7	37,300	110
113	4.1	129.6	32,800	23.2	160.9	37,500	30.7	171.7	36,100	113
115				20.3	156.4	36,600	28.5	168.4	35,300	115
116				18.1	152.6	36,200	27.2	166.3	34,900	116
120				9.0	137.3	34,600	21.8	157.8	33,400	120
121				3.8	128.4	34,100	19.8	154.5	33,000	121
125							11.9	141.3	31,600	125
127							3.2	126.2	30,800	127
130										130
135										135
136										136
140										140
145										145
146										146
150										150
155										155



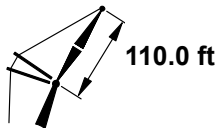
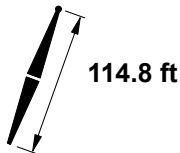
149,600 lb
+
60,400 lb



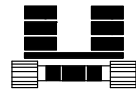
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	lb	ft	
40										40
45										45
50										50
54										54
55										55
60										60
65										65
70										70
75										75
80										80
83	62.5	207.0	49,900							83
85	61.2	206.0	48,400							85
90	57.9	203.0	45,000							90
95	54.5	199.7	42,100							95
100	50.9	195.9	39,400	57.6	199.5	36,800				100
105	47.1	191.5	37,100	54.1	196.1	34,600				105
110	43.0	186.5	34,900	50.5	192.3	32,500				110
113	40.4	183.1	33,800	48.2	189.6	31,500				113
115	38.6	180.7	33,000	46.7	187.9	30,700				115
116	37.7	179.4	32,600	45.9	186.8	30,400	52.8	190.8	28,200	116
120	33.8	173.9	31,200	42.6	182.8	29,100	49.9	187.6	27,000	120
121	32.7	172.2	30,900	41.7	181.6	28,800	49.1	186.7	26,700	121
125	28.2	165.6	29,600	38.2	176.9	27,500	46.0	183.1	25,500	125
127	25.5	161.3	29,000	36.2	174.1	27,000	44.4	181.0	25,000	127
130	21.4	154.8	28,100	33.3	170.0	26,100	41.9	177.9	24,200	130
135	11.2	137.7	26,600	27.6	161.4	24,800	37.4	171.8	23,000	135
136	7.7	131.6	26,300	26.2	159.2	24,600	36.4	170.4	22,800	136
140				20.6	150.3	23,600	32.4	164.7	21,900	140
145				9.6	131.7	22,400	26.6	155.8	20,800	145
146				5.0	123.9	22,200	25.1	153.5	20,600	146
150							19.2	144.0	19,800	150
155							6.1	121.7	18,800	155



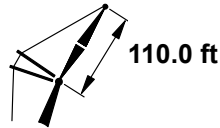
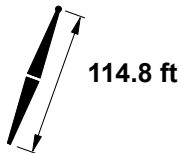
149,600 lb
+
60,400 lb



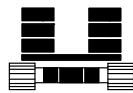
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
42	74.9	228.7	72,300 c							42
45	73.2	227.8	71,900 b							45
50	70.5	226.2	69,100 b							50
55	67.7	224.3	66,600							55
58	66.0	223.0	65,100	70.5	225.3	69,400 b				58
60	64.9	222.1	64,200	69.4	224.6	68,400				60
65	61.9	219.6	61,900	66.6	222.6	66,000				65
69	59.5	217.3	60,100	64.3	220.7	64,100	67.6	222.4	66,700	69
70	58.9	216.8	59,700	63.7	220.3	63,700	67.1	222.0	65,700	70
75	55.9	213.6	57,500	60.7	217.6	61,500	64.2	219.7	60,300	75
80	52.6	210.0	55,400	57.7	214.7	57,800	61.3	217.1	55,600	80
85	49.3	205.9	53,300	54.6	211.3	53,600	58.3	214.2	51,600	85
87	47.9	204.1	52,600	53.3	209.8	52,100	57.0	212.9	50,200	87
90	45.8	201.3	51,400	51.3	207.5	49,900	55.2	210.9	48,000	90
95	42.0	196.1	49,000	47.9	203.3	46,700	51.9	207.2	44,900	95
100	38.0	190.2	46,000	44.3	198.4	43,800	48.5	203.1	42,100	100
105	33.5	183.2	43,200	40.4	193.0	41,200	45.0	198.4	39,600	105
110	28.4	174.9	40,800	36.2	186.6	38,800	41.1	193.0	37,300	110
115	22.3	164.3	38,500	31.5	179.2	36,700	37.0	186.9	35,300	115
120	14.0	149.1	35,400	26.1	170.1	34,700	32.4	179.7	33,400	120
122	7.3	136.4	30,900	23.4	165.3	34,000	30.3	176.2	32,700	122
123	3.9	130.0	28,600	22.1	162.9	33,600	29.3	174.4	32,400	123
125				19.4	158.1	32,900	27.2	170.9	31,700	125
130				8.6	138.0	31,200	20.8	159.7	30,100	130
131				3.7	128.7	30,500	18.9	156.2	29,800	131
135							11.4	142.3	28,600	135
137							3.0	126.5	27,900	137
140										140
145										145
146										146
150										150
155										155
156										156
160										160
165										165



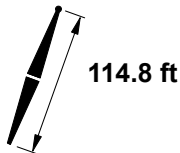
149,600 lb
+
60,400 lb



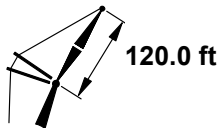
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
42										42
45										45
50										50
55										55
58										58
60										60
65										65
69										69
70										70
75										75
80										80
85										85
87	62.9	216.2	46,900							87
90	61.1	214.6	45,000							90
95	58.1	211.7	42,000							95
100	55.0	208.4	39,400							100
105	51.7	204.7	37,000	57.8	208.2	34,500				105
110	48.4	200.5	34,900	54.7	204.8	32,500				110
115	44.8	195.8	33,000	51.4	201.1	30,700				115
120	40.9	190.4	31,200	48.0	196.8	29,100				120
122	39.3	187.9	30,600	46.5	194.9	28,400	52.9	198.8	26,400	122
123	38.4	186.6	30,200	45.8	194.0	28,100	52.2	198.0	26,100	123
125	36.8	184.2	29,600	44.4	192.0	27,500	50.9	196.4	25,500	125
130	32.2	176.9	28,100	40.5	186.6	26,100	47.4	192.1	24,200	130
131	31.1	175.1	27,800	39.7	185.3	25,900	46.7	191.1	24,000	131
135	26.9	168.1	26,700	36.3	180.3	24,900	43.8	187.2	23,000	135
137	24.3	163.5	26,200	34.5	177.3	24,400	42.2	184.9	22,600	137
140	20.4	156.6	25,400	31.7	172.9	23,700	39.9	181.6	21,900	140
145	10.6	138.6	24,200	26.3	163.8	22,500	35.6	175.1	20,900	145
146	7.3	132.3	24,000	25.0	161.5	22,300	34.7	173.6	20,700	146
150				19.6	152.0	21,500	30.9	167.5	19,900	150
155				9.1	132.5	20,500	25.3	158.1	19,000	155
156				4.8	124.3	20,200	23.9	155.6	18,800	156
160							18.3	145.6	18,100	160
165							5.8	122.2	17,200	165



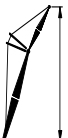
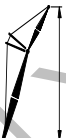
149,600 lb
+
60,400 lb

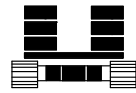


114.8 ft

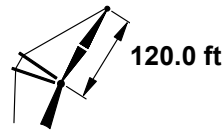
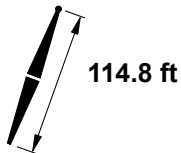


120.0 ft

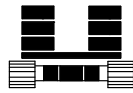
	 87°			 83°			 80°				
	 ft	 °	 ft	 lb	 °	 ft	 lb	 °	 ft	 lb	 ft
45											45
50											50
55											55
60											60
61											61
65											65
70											70
73											73
75											75
80											80
85											85
90											90
92											92
95											95
100											100
105											105
110											110
115											115
120											120
125											125
128											128
130											130
133											133
135											135
140											140
141											141
145											145
147											147
150											150
155											155
156											156
160											160
165											165
166											166
170											170
175											175



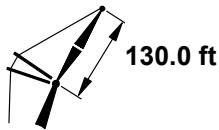
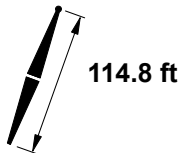
149,600 lb
+
60,400 lb



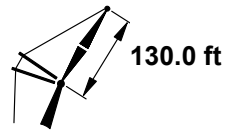
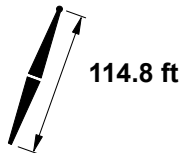
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
45										45
50										50
55										55
60										60
61										61
65										65
70										70
73										73
75										75
80										80
85										85
90										90
92	62.7	224.9	43,400							92
95	61.0	223.3	41,700							95
100	58.3	220.4	39,100							100
105	55.4	217.1	36,700							105
110	52.5	213.5	34,600	58.0	216.9	32,100				110
115	49.4	209.4	32,700	55.1	213.6	30,300				115
120	46.2	204.9	30,900	52.2	209.9	28,700				120
125	42.8	199.8	29,300	49.1	205.8	27,200				125
128	40.6	196.3	28,400	47.1	203.0	26,400	52.9	206.8	24,300	128
130	39.1	194.0	27,800	45.8	201.2	25,800	51.7	205.2	23,800	130
133	36.7	190.0	27,000	43.8	198.1	25,000	49.8	202.7	23,100	133
135	35.2	187.4	26,500	42.4	196.0	24,500	48.6	201.0	22,700	135
140	30.8	179.7	25,200	38.7	190.2	23,400	45.3	196.4	21,500	140
141	29.8	177.8	25,000	37.9	188.8	23,100	44.6	195.3	21,300	141
145	25.7	170.4	24,000	34.7	183.5	22,300	41.8	191.1	20,500	145
147	23.2	165.6	23,600	33.0	180.3	21,800	40.3	188.7	20,100	147
150	19.5	158.4	22,900	30.3	175.6	21,200	38.1	185.1	19,600	150
155	10.2	139.5	21,800	25.2	166.1	20,300	34.0	178.3	18,700	155
156	7.0	132.9	21,600	23.9	163.6	20,100	33.1	176.6	18,500	156
160				18.8	153.7	19,300	29.5	170.2	17,800	160
165				8.7	133.3	18,400	24.2	160.3	17,000	165
166				4.6	124.7	18,200	22.9	157.7	16,900	166
170							17.5	147.2	16,300	170
175							5.6	122.7	15,500	175



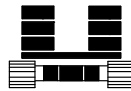
149,600 lb
+
60,400 lb



	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
47	75.0	248.1	50,200 b							47
50	73.6	247.2	49,600 b							50
55	71.3	245.6	48,600							55
60	68.9	243.8	47,700							60
64	67.0	242.2	47,000	70.8	244.4	48,600				64
65	66.5	241.8	46,900	70.3	244.1	48,500				65
70	64.1	239.5	46,000	68.0	242.2	47,700				70
75	61.6	236.9	45,300	65.6	240.0	46,900				75
76	61.1	236.4	44,900	65.1	239.5	46,800	67.9	241.1	47,500	76
80	59.1	234.1	43,700	63.1	237.6	46,200	66.0	239.4	47,000	80
85	56.5	230.9	42,000	60.6	235.0	45,000	63.6	237.1	46,300	85
90	53.8	227.5	40,400	58.1	232.0	43,300	61.1	234.5	45,300	90
95	51.0	223.6	38,900	55.4	228.7	41,600	58.5	231.6	43,600	95
96	50.5	222.8	38,600	54.9	228.0	41,300	58.0	230.9	43,200	96
100	48.1	219.4	37,500	52.7	225.1	40,100	55.9	228.3	41,600	100
105	45.1	214.6	36,000	49.9	221.1	38,600	53.2	224.8	39,100	105
110	41.9	209.4	34,700	46.9	216.6	37,200	50.4	220.8	36,900	110
115	38.5	203.4	33,500	43.8	211.7	35,800	47.5	216.5	34,800	115
116	37.8	202.1	33,300	43.2	210.6	35,500	46.9	215.5	34,400	116
120	34.8	196.7	32,300	40.6	206.2	34,300	44.4	211.7	33,000	120
125	30.7	189.0	31,300	37.0	200.0	32,600	41.2	206.3	31,300	125
130	26.1	179.7	30,300	33.2	192.9	31,000	37.7	200.2	29,700	130
134	21.6	170.4	29,700	29.8	186.2	29,800	34.7	194.6	28,500	134
135	20.5	168.1	29,500	28.9	184.6	29,500	33.9	193.3	28,300	135
140	12.9	151.4	28,300	24.0	174.5	28,100	29.8	185.2	26,900	140
143	3.6	130.6	23,000	20.3	166.7	27,300	26.9	179.4	26,200	143
145				17.8	161.4	26,800	25.0	175.5	25,700	145
150				7.9	139.5	25,500	19.1	163.2	24,500	150
151				3.4	129.3	24,600	17.4	159.4	24,300	151
155							10.4	144.2	23,400	155
157							2.8	127.0	22,900	157
160										160
165										165
166										166
170										170
175										175
176										176
180										180
185										185



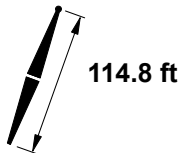
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
47										47
50										50
55										55
60										60
64										64
65										65
70										70
75										75
76										76
80										80
85										85
90										90
95										95
96	63.0	234.1	40,900							96
100	61.0	232.0	38,800							100
105	58.4	229.0	36,500							105
110	55.8	225.8	34,300							110
115	53.1	222.2	32,400							115
116	52.5	221.4	32,100	57.6	224.9	29,700				116
120	50.3	218.3	30,700	55.5	222.3	28,500				120
125	47.3	213.9	29,100	52.8	218.6	27,000				125
130	44.3	209.0	27,600	50.0	214.6	25,600				130
134	41.7	204.7	26,500	47.6	211.1	24,600	52.9	214.8	22,600	134
135	41.0	203.6	26,300	47.0	210.2	24,300	52.3	214.0	22,400	135
140	37.5	197.5	25,000	43.9	205.3	23,100	49.5	209.9	21,300	140
143	35.3	193.3	24,300	42.0	202.0	22,500	47.7	207.2	20,700	143
145	33.7	190.5	23,800	40.7	199.8	22,000	46.5	205.4	20,300	145
150	29.5	182.4	22,800	37.2	193.6	21,000	43.4	200.4	19,300	150
151	28.6	180.4	22,600	36.4	192.2	20,800	42.7	199.3	19,200	151
155	24.7	172.6	21,700	33.3	186.5	20,100	40.1	194.8	18,500	155
157	22.3	167.6	21,400	31.6	183.2	19,700	38.7	192.3	18,100	157
160	18.7	160.1	20,800	29.1	178.3	19,200	36.6	188.5	17,600	160
165	9.8	140.4	19,800	24.2	168.3	18,300	32.7	181.3	16,800	165
166	6.7	133.5	19,600	22.9	165.7	18,200	31.8	179.6	16,700	166
170				18.0	155.3	17,500	28.3	172.8	16,100	170
175				8.4	134.0	16,700	23.3	162.4	15,400	175
176				4.4	125.1	16,600	22.0	159.7	15,300	176
180							16.8	148.7	14,700	180
185							5.4	123.2	14,000	185



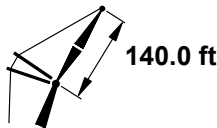
149,600 lb
+
60,400 lb



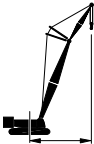
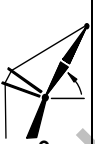
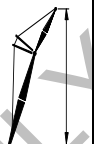
360°

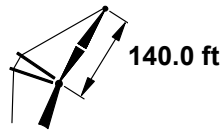
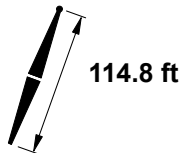


114.8 ft

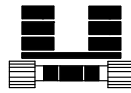


140.0 ft

	 87°			 83°			 80°			
	 ft	 ft	 lb	 ft	 lb	 ft	 ft	 lb	 ft	
50	74.8	257.6	46,500 b						50	
55	72.7	256.2	45,600						55	
60	70.5	254.5	44,800						60	
65	68.3	252.6	44,000						65	
67	67.4	251.8	43,700	70.9	254.0	45,100			67	
70	66.1	250.5	43,200	69.6	252.9	44,600			70	
75	63.8	248.2	41,600	67.4	250.9	43,900			75	
80	61.5	245.6	40,000	65.2	248.7	42,800	67.8	250.3	80	
85	59.2	242.7	38,400	62.9	246.3	41,100	65.6	248.2	85	
90	56.8	239.6	36,800	60.6	243.6	39,600	63.3	245.8	90	
95	54.3	236.2	35,400	58.2	240.7	38,000	61.0	243.1	95	
100	51.7	232.4	33,900	55.8	237.4	36,400	58.7	240.2	100	
101	51.2	231.6	33,600	55.3	236.7	36,100	58.2	239.6	101	
105	49.1	228.3	32,600	53.3	233.8	35,000	56.2	237.0	105	
110	46.3	223.7	31,300	50.7	229.9	33,600	53.7	233.5	110	
115	43.4	218.7	30,000	48.0	225.6	32,200	51.1	229.7	115	
120	40.3	213.1	28,800	45.1	220.9	30,900	48.5	225.4	120	
121	39.7	211.9	28,600	44.5	219.8	30,700	47.9	224.5	121	
125	37.0	206.9	27,700	42.2	215.6	29,800	45.7	220.8	125	
130	33.5	199.8	26,600	39.0	209.8	28,600	42.7	215.7	130	
135	29.6	191.6	25,700	35.6	203.2	27,500	39.6	209.9	135	
140	25.1	182.0	24,800	32.0	195.8	26,400	36.3	203.5	140	
145	19.8	169.9	24,000	27.9	187.1	25,500	32.7	196.2	145	
150	12.4	152.5	23,400	23.1	176.6	24,600	28.7	187.8	150	
153	3.5	131.0	20,600	19.5	168.4	24,200	25.9	181.8	153	
155				17.2	163.0	23,900	24.1	177.7	155	
160				7.6	140.1	23,100	18.4	164.8	160	
161				3.3	129.6	22,100	16.7	160.9	161	
165							10.1	145.1	165	
167							2.7	127.2	167	
170									170	
175									175	
176									176	
180									180	
185									185	
186									186	
190									190	
195									195	



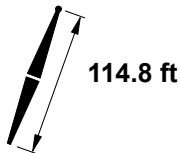
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
50										50
55										55
60										60
65										65
67										67
70										70
75										75
80										80
85										85
90										90
95										95
100										100
101	62.8	242.8	38,000							101
105	60.9	240.6	36,100							105
110	58.5	237.7	34,000							110
115	56.1	234.5	32,100							115
120	53.6	231.0	30,400							120
121	53.1	230.2	30,000	57.8	233.6	27,800				121
125	51.0	227.1	28,800	55.8	231.0	26,600				125
130	48.3	222.9	27,300	53.3	227.4	25,200				130
135	45.5	218.2	26,000	50.7	223.5	24,000				135
140	42.6	213.0	24,700	48.0	219.2	22,800	52.9	222.8	20,900	140
145	39.5	207.3	23,600	45.2	214.5	21,700	50.3	218.8	19,900	145
150	36.1	200.8	22,500	42.3	209.3	20,700	47.6	214.4	19,000	150
153	33.9	196.4	21,900	40.4	205.8	20,100	45.9	211.6	18,500	153
155	32.5	193.5	21,500	39.1	203.4	19,800	44.8	209.6	18,100	155
160	28.4	185.0	20,500	35.8	196.9	18,900	41.8	204.3	17,300	160
161	27.5	182.9	20,300	35.0	195.4	18,700	41.1	203.1	17,100	161
165	23.8	174.8	19,600	32.1	189.5	18,000	38.6	198.4	16,500	165
167	21.5	169.5	19,300	30.5	186.0	17,700	37.2	195.7	16,200	167
170	18.1	161.7	18,800	28.0	180.8	17,300	35.2	191.7	15,800	170
175	9.4	141.2	17,900	23.3	170.4	16,500	31.5	184.1	15,100	175
176	6.5	134.1	17,800	22.1	167.7	16,400	30.6	182.4	15,000	176
180				17.4	156.9	15,800	27.3	175.2	14,400	180
185				8.1	134.8	15,100	22.4	164.4	13,800	185
186				4.3	125.5	14,900	21.2	161.6	13,700	186
190							16.2	150.2	13,200	190
195							5.2	123.7	12,600	195



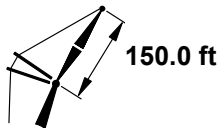
149,600 lb
+
60,400 lb



360°

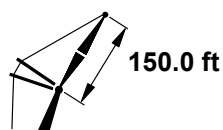
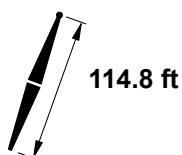
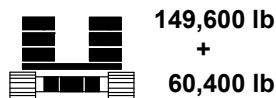


114.8 ft

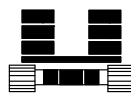


150.0 ft

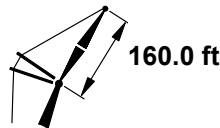
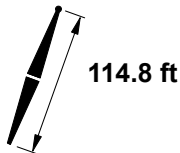
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
53	74.6	267.2	43,100							53
55	73.8	266.6	42,700							55
60	71.8	265.1	42,000							60
65	69.8	263.3	41,200							65
70	67.8	261.4	40,000							70
71	67.4	260.9	39,700	70.6	263.2	41,600				71
75	65.7	259.2	38,400	69.0	261.7	41,000				75
80	63.6	256.9	36,800	66.9	259.7	39,500				80
84	61.9	254.8	35,600	65.3	257.9	38,200	67.7	259.5	39,900	84
85	61.4	254.3	35,300	64.8	257.4	37,900	67.3	259.1	39,600	85
90	59.2	251.4	33,800	62.7	255.0	36,300	65.2	256.9	38,100	90
95	57.0	248.3	32,300	60.5	252.3	34,800	63.1	254.4	36,600	95
100	54.7	244.9	31,000	58.3	249.3	33,400	61.0	251.8	35,200	100
105	52.3	241.2	29,700	56.1	246.1	32,000	58.7	248.9	33,700	105
110	49.8	237.2	28,400	53.7	242.6	30,700	56.5	245.7	32,300	110
115	47.3	232.7	27,200	51.3	238.7	29,400	54.2	242.3	30,900	115
120	44.6	227.9	26,000	48.8	234.6	28,100	51.8	238.5	29,600	120
125	41.8	222.6	24,900	46.2	230.0	26,900	49.3	234.4	28,400	125
126	41.3	221.4	24,700	45.7	229.0	26,700	48.8	233.5	28,200	126
130	38.9	216.7	23,900	43.5	225.0	25,700	46.7	229.9	27,200	130
135	35.7	210.1	22,800	40.7	219.4	24,700	44.0	224.9	26,100	135
140	32.3	202.7	21,900	37.6	213.3	23,600	41.2	219.5	24,900	140
145	28.6	194.2	21,000	34.4	206.4	22,600	38.2	213.5	23,900	145
146	27.7	192.2	20,900	33.7	204.8	22,400	37.6	212.1	23,700	146
150	24.3	184.2	20,200	30.9	198.6	21,700	35.0	206.7	22,900	150
155	19.1	171.6	19,500	26.9	189.5	20,800	31.5	199.1	21,900	155
160	12.0	153.6	19,000	22.3	178.6	20,100	27.7	190.3	21,100	160
163	3.3	131.3	18,600	18.9	170.1	19,700	25.0	184.0	20,600	163
165				16.6	164.4	19,400	23.2	179.8	20,300	165
170				7.3	140.8	18,900	17.8	166.4	19,500	170
171				3.1	129.9	18,900	16.2	162.3	19,400	171
175							9.7	146.0	19,100	175
177							2.6	127.4	19,000	177
180										180
185										185
186										186
190										190
195										195
196										196
200										200
205										205



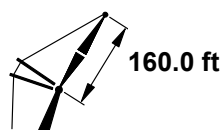
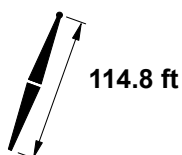
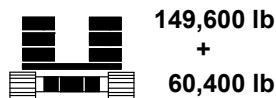
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
53										53
55										55
60										60
65										65
70										70
71										71
75										75
80										80
84										84
85										85
90										90
95										95
100										100
105	63.0	252.0	36,000							105
110	60.8	249.3	33,900							110
115	58.6	246.4	32,000							115
120	56.4	243.2	30,300							120
125	54.0	239.7	28,700							125
126	53.6	238.9	28,400	57.9	242.2	26,200				126
130	51.6	235.9	27,200	56.1	239.6	25,100				130
135	49.2	231.8	25,900	53.8	236.1	23,900				135
140	46.6	227.2	24,600	51.4	232.3	22,700				140
145	43.9	222.3	23,500	48.9	228.1	21,600				145
146	43.3	221.2	23,300	48.4	227.2	21,400	52.9	230.8	19,600	146
150	41.1	216.8	22,400	46.3	223.6	20,600	51.0	227.6	18,900	150
155	38.1	210.8	21,400	43.6	218.6	19,700	48.5	223.4	18,000	155
160	34.8	204.0	20,500	40.8	213.0	18,800	45.9	218.8	17,200	160
163	32.7	199.4	19,900	38.9	209.4	18,300	44.2	215.7	16,700	163
165	31.3	196.3	19,600	37.7	206.9	18,000	43.2	213.7	16,400	165
170	27.5	187.5	18,800	34.5	200.1	17,200	40.3	208.1	15,700	170
171	26.6	185.3	18,600	33.8	198.5	17,100	39.7	206.8	15,600	171
175	23.0	176.8	18,000	31.0	192.3	16,500	37.2	201.8	15,000	175
177	20.8	171.4	17,700	29.4	188.7	16,200	35.9	199.0	14,800	177
180	17.4	163.2	17,200	27.0	183.3	15,800	34.0	194.9	14,400	180
185	9.1	142.0	16,500	22.5	172.4	15,100	30.4	186.9	13,800	185
186	6.3	134.6	16,300	21.3	169.6	15,000	29.6	185.0	13,700	186
190				16.8	158.4	14,500	26.3	177.6	13,200	190
195				7.8	135.4	13,900	21.6	166.4	12,600	195
196				4.1	125.9	13,700	20.4	163.4	12,500	196
200							15.7	151.6	12,100	200
205							5.0	124.1	11,500	205



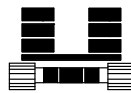
149,600 lb
+
60,400 lb



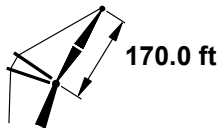
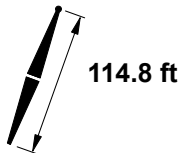
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
55	74.9	277.0	39,900							55
60	73.0	275.5	39,100							60
65	71.1	273.9	38,100							65
70	69.2	272.1	36,600							70
74	67.7	270.5	35,300	70.7	272.7	37,800				74
75	67.3	270.1	35,000	70.4	272.4	37,500				75
80	65.3	267.9	33,500	68.5	270.5	36,000				80
85	63.4	265.5	32,100	66.5	268.4	34,500				85
88	62.1	264.0	31,200	65.3	267.0	33,600	67.7	268.6	35,300	88
90	61.3	262.9	30,700	64.5	266.1	33,000	66.9	267.8	34,700	90
95	59.3	260.1	29,200	62.5	263.6	31,600	64.9	265.6	33,200	95
100	57.2	257.0	27,900	60.5	260.9	30,200	62.9	263.1	31,800	100
105	55.0	253.6	26,700	58.4	258.0	28,800	60.9	260.5	30,500	105
110	52.8	250.0	25,400	56.3	254.8	27,500	58.8	257.5	29,100	110
115	50.5	246.0	24,200	54.1	251.3	26,200	56.7	254.4	27,800	115
120	48.2	241.7	23,100	51.9	247.5	25,100	54.5	251.0	26,500	120
125	45.7	237.0	22,000	49.6	243.5	23,900	52.3	247.3	25,300	125
130	43.1	231.9	20,900	47.2	239.0	22,700	50.0	243.2	24,200	130
132	42.1	229.7	20,500	46.2	237.1	22,300	49.0	241.5	23,700	132
135	40.5	226.3	19,900	44.7	234.2	21,600	47.6	238.9	23,000	135
140	37.6	220.2	19,000	42.1	228.9	20,600	45.2	234.1	21,900	140
145	34.6	213.3	18,100	39.3	223.1	19,700	42.6	228.9	20,900	145
150	31.3	205.6	17,300	36.4	216.6	18,700	39.8	223.2	19,900	150
152	29.8	202.1	16,900	35.1	213.7	18,300	38.7	220.6	19,500	152
155	27.6	196.7	16,400	33.3	209.4	17,800	37.0	216.9	18,900	155
160	23.5	186.3	15,800	29.9	201.3	17,000	33.9	209.8	18,100	160
165	18.5	173.3	15,000	26.0	191.9	16,200	30.5	201.9	17,200	165
170	11.6	154.6	14,100	21.6	180.5	15,600	26.8	192.7	16,400	170
173	3.2	131.5	13,700	18.3	171.7	15,100	24.2	186.2	16,000	173
175				16.0	165.9	14,700	22.5	181.8	15,700	175
180				7.1	141.4	13,900	17.2	168.0	14,900	180
181				3.0	130.1	13,800	15.6	163.7	14,700	181
185							9.4	146.8	14,000	185
187							2.5	127.7	13,800	187
190										190
195										195
196										196
200										200
205										205
206										206
210										210
215										215



	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
55										55
60										60
65										65
70										70
74										74
75										75
80										80
85										85
88										88
90										90
95										95
100										100
105										105
110	62.8	260.6	31,400							110
115	60.8	257.9	30,200							115
120	58.7	255.0	28,900							120
125	56.6	251.9	27,700							125
130	54.4	248.4	26,400							130
132	53.5	246.9	26,000	57.7	250.3	24,300				132
135	52.2	244.7	25,300	56.4	248.3	23,500				135
140	49.9	240.7	24,100	54.2	244.9	22,400				140
145	47.5	236.3	23,000	52.0	241.1	21,300				145
150	45.0	231.5	21,900	49.6	237.0	20,300				150
152	44.0	229.4	21,500	48.7	235.2	19,900	52.9	238.8	18,200	152
155	42.4	226.2	20,900	47.3	232.6	19,400	51.6	236.4	17,700	155
160	39.7	220.5	19,900	44.8	227.8	18,500	49.3	232.3	16,800	160
165	36.8	214.2	18,900	42.2	222.5	17,700	46.9	227.8	16,100	165
170	33.7	207.1	18,100	39.4	216.7	16,900	44.3	222.9	15,400	170
173	31.7	202.3	17,600	37.7	212.8	16,500	42.8	219.7	15,000	173
175	30.3	199.1	17,200	36.5	210.3	16,200	41.7	217.6	14,700	175
180	26.6	189.9	16,500	33.4	203.1	15,500	39.0	211.7	14,000	180
181	25.7	187.6	16,300	32.7	201.5	15,400	38.4	210.4	13,900	181
185	22.2	178.8	15,700	30.0	195.0	14,800	36.0	205.1	13,400	185
187	20.1	173.2	15,400	28.4	191.3	14,600	34.7	202.2	13,200	187
190	16.9	164.8	14,900	26.2	185.6	14,200	32.8	197.9	12,900	190
195	8.8	142.8	14,000	21.8	174.4	13,600	29.4	189.6	12,300	195
196	6.1	135.2	13,900	20.6	171.5	13,500	28.6	187.6	12,200	196
200				16.2	159.9	13,100	25.5	179.9	11,800	200
205				7.6	136.1	12,500	20.9	168.3	11,300	205
206				4.0	126.2	12,400	19.8	165.2	11,200	206
210							15.2	152.9	10,800	210
215							4.8	124.5	10,300	215



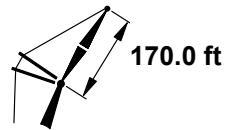
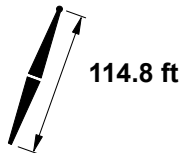
149,600 lb
+
60,400 lb



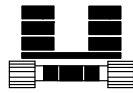
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
58	74.7	286.5	36,600							58
60	74.0	286.0	36,300							60
65	72.3	284.5	35,200							65
70	70.5	282.8	33,700							70
75	68.7	280.9	32,300							75
77	68.0	280.1	31,700	70.9	282.3	33,900				77
80	66.9	278.9	30,900	69.8	281.2	33,200				80
85	65.0	276.6	29,500	68.0	279.3	31,700				85
90	63.2	274.2	28,100	66.1	277.1	30,300				90
91	62.8	273.7	27,800	65.8	276.7	30,000	67.9	278.2	31,600	91
95	61.3	271.6	26,800	64.3	274.8	28,900	66.5	276.5	30,500	95
100	59.3	268.7	25,500	62.4	272.3	27,600	64.6	274.3	29,200	100
105	57.3	265.6	24,300	60.5	269.6	26,300	62.8	271.8	27,800	105
110	55.3	262.3	23,000	58.5	266.6	25,100	60.8	269.1	26,600	110
115	53.2	258.7	21,900	56.5	263.5	23,900	58.9	266.2	25,300	115
120	51.1	254.8	20,800	54.5	260.0	22,700	56.9	263.1	24,100	120
125	48.9	250.6	19,700	52.4	256.3	21,500	54.9	259.7	22,900	125
130	46.6	246.1	18,700	50.2	252.3	20,500	52.8	256.0	21,800	130
135	44.3	241.2	17,800	48.0	248.0	19,400	50.6	252.1	20,700	135
137	43.3	239.0	17,400	47.1	246.1	19,000	49.7	250.4	20,300	137
140	41.8	235.8	16,900	45.7	243.3	18,500	48.4	247.8	19,700	140
145	39.2	230.0	16,000	43.3	238.2	17,500	46.1	243.2	18,700	145
150	36.5	223.5	15,200	40.8	232.7	16,600	43.7	238.2	17,700	150
155	33.5	216.4	14,400	38.1	226.6	15,700	41.2	232.7	16,800	155
158	31.6	211.6	13,900	36.4	222.5	15,200	39.7	229.1	16,300	158
160	30.3	208.3	13,600	35.3	219.9	14,900	38.6	226.7	16,000	160
165	26.8	199.2	12,700	32.3	212.4	14,100	35.8	220.2	15,100	165
170	22.8	188.3	11,800	28.9	203.9	13,300	32.8	212.8	14,300	170
175	17.9	174.9	10,900	25.2	194.1	12,300	29.6	204.6	13,500	175
180	11.2	155.6	10,200	20.9	182.4	11,500	26.0	195.1	12,600	180
183	3.1	131.8	9,800	17.7	173.3	11,000	23.5	188.3	12,000	183
185				15.6	167.3	10,700	21.8	183.8	11,700	185
190				6.9	142.0	9,900	16.7	169.5	10,900	190
191				3.0	130.4	9,900	15.2	165.1	10,700	191
195							9.1	147.6	10,100	195
197							2.4	127.9	9,800	197
200										200
205										205
206										206
210										210
215										215
216										216
220										220
225										225



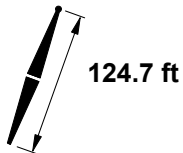
149,600 lb
+
60,400 lb



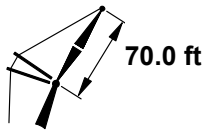
	75°			70°			65°			
ft	ft	ft	lb	ft	lb	ft	lb	ft	ft	
58										58
60										60
65										65
70										70
75										75
77										77
80										80
85										85
90										90
91										91
95										95
100										100
105										105
110										110
115	62.7	269.3	27,500							115
120	60.7	266.6	26,300							120
125	58.8	263.7	25,200							125
130	56.8	260.5	24,000							130
135	54.8	257.1	22,800							135
137	53.9	255.7	22,400	57.8	258.9	22,800				137
140	52.7	253.5	21,700	56.6	257.0	22,100				140
145	50.5	249.5	20,700	54.5	253.6	21,000				145
150	48.3	245.2	19,600	52.5	249.9	20,000				150
155	46.0	240.6	18,700	50.3	245.9	19,100				155
158	44.6	237.6	18,100	49.0	243.3	18,600	53.0	246.8	16,900	158
160	43.6	235.5	17,700	48.1	241.6	18,200	52.1	245.2	16,600	160
165	41.1	230.1	16,800	45.8	236.9	17,400	49.9	241.2	15,800	165
170	38.5	224.1	15,900	43.4	231.8	16,700	47.7	236.8	15,100	170
175	35.7	217.4	15,100	40.8	226.3	15,900	45.4	232.1	14,400	175
180	32.7	210.1	14,300	38.2	220.2	15,300	43.0	226.9	13,800	180
183	30.7	205.1	13,800	36.5	216.2	14,900	41.4	223.5	13,500	183
185	29.4	201.8	13,500	35.4	213.5	14,600	40.4	221.3	13,200	185
190	25.8	192.2	12,600	32.4	206.1	14,000	37.7	215.1	12,600	190
191	24.9	189.9	12,400	31.7	204.4	13,900	37.2	213.8	12,500	191
195	21.6	180.8	11,700	29.1	197.7	13,400	34.9	208.3	12,100	195
197	19.5	174.9	11,400	27.6	193.8	13,000	33.7	205.3	11,900	197
200	16.4	166.2	10,900	25.4	187.9	12,500	31.8	200.8	11,600	200
205	8.6	143.6	10,100	21.1	176.3	11,600	28.5	192.1	11,100	205
206	5.9	135.7	9,900	20.0	173.3	11,400	27.7	190.1	11,000	206
210				15.8	161.3	10,800	24.7	182.2	10,600	210
215				7.3	136.8	10,100	20.3	170.1	10,200	215
216				3.9	126.6	9,900	19.2	166.9	10,100	216
220							14.7	154.2	9,700	220
225							4.7	125.0	9,300	225



149,600 lb
+
60,400 lb

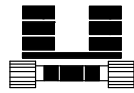


124.7 ft

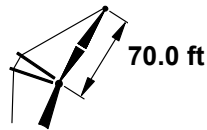
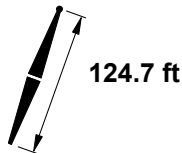


70.0 ft

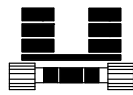
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
32	74.9	199.9	101,300 d							32
35	72.3	199.1	101,300 d							35
40	68.0	197.3	101,300 c							40
45	63.5	195.0	101,300 b							45
46	62.6	194.4	100,300 b	70.3	197.3	102,600 c				46
50	58.8	192.2	96,700 b	66.8	195.8	102,600 c				50
55	53.9	188.9	89,800	62.3	193.4	92,800 b				55
56	52.9	188.1	88,600	61.3	192.8	90,800 b	67.2	194.9	87,300 c	56
60	48.7	184.9	83,700	57.5	190.5	83,100 b	63.6	193.1	80,000 b	60
65	43.0	180.1	78,100	52.5	187.0	75,200	58.9	190.3	72,300 b	65
70	36.6	174.0	72,000	47.2	182.8	68,500	54.0	187.0	66,000	70
72	33.5	170.9	69,600	44.8	180.7	66,300	51.9	185.4	63,800	72
75	29.0	166.3	66,000	41.3	177.7	62,900	48.8	183.0	60,500	75
80	18.9	155.0	59,800	34.7	171.3	58,000	43.1	178.2	55,900	80
83	8.5	142.7	49,500	29.8	166.2	55,500	39.2	174.6	53,400	83
85				26.6	162.8	53,800	36.7	172.2	51,800	85
87				22.0	157.6	52,300	33.7	169.1	50,300	87
90				15.1	149.7	50,000	29.1	164.4	48,200	90
92				6.3	139.1	48,500	25.1	160.0	46,900	92
95							19.1	153.3	45,000	95
98							9.0	141.3	43,100	98
100										100
102										102
105										105
109										109
110										110
115										115
119										119
120										120
125										125
129										129



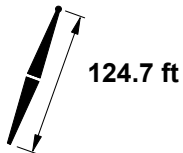
149,600 lb
+
60,400 lb



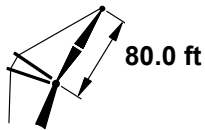
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
32										32
35										35
40										40
45										45
46										46
50										50
55										55
56										56
60										60
65										65
70										70
72	62.3	189.8	59,500 b							72
75	59.5	188.1	56,600 b							75
80	54.6	184.9	52,200							80
83	51.5	182.5	49,900							83
85	49.4	181.0	48,400							85
87	47.1	179.1	47,100	57.9	183.6	43,800 b				87
90	43.8	176.2	45,100	54.9	181.6	42,000				90
92	41.2	173.9	43,900	52.8	180.1	40,900				92
95	37.5	170.4	42,100	49.7	177.8	39,200				95
98	33.0	165.9	40,500	46.4	175.0	37,700				98
100	30.1	162.9	39,400	44.1	173.1	36,700				100
102	26.3	158.7	38,500	41.6	170.8	35,800	52.9	175.8	33,200	102
105	20.5	152.3	37,000	37.9	167.3	34,500	49.7	173.4	32,000	105
109	6.4	135.6	35,200	32.1	161.5	32,900	45.2	169.7	30,500	109
110				30.6	160.0	32,500	44.1	168.7	30,100	110
115				21.2	149.7	30,600	37.9	163.0	28,400	115
119				8.4	134.6	29,200	32.0	157.1	27,200	119
120							30.6	155.6	26,800	120
125							21.2	145.3	25,400	125
129							8.3	130.1	24,200	129



149,600 lb
+
60,400 lb

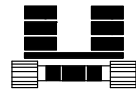


124.7 ft

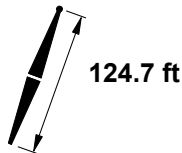


80.0 ft

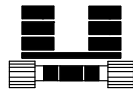
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
35	74.6	209.5	92,400 d							35
40	70.9	207.9	92,200 c							40
45	67.0	206.0	91,900 b							45
49	63.9	204.1	88,700 b	70.6	206.9	93,300 c				49
50	63.1	203.7	87,900 b	69.8	206.5	93,300 c				50
55	59.0	200.9	84,300	66.0	204.5	91,500 b				55
59	55.6	198.3	81,600	62.8	202.5	84,600 b	67.9	204.5	81,300 b	59
60	54.7	197.6	80,900	62.0	202.1	82,800 b	67.1	204.0	79,600 b	60
65	50.2	193.8	75,800	57.9	199.2	74,900	63.2	201.7	72,000 b	65
70	45.3	189.3	71,200	53.5	195.8	68,300	59.1	199.0	65,600	70
75	40.1	183.8	65,900	48.9	191.7	62,700	54.8	195.7	60,200	75
76	38.9	182.5	64,900	47.9	190.8	61,700	53.9	194.9	59,300	76
80	34.1	177.2	60,800	44.0	187.0	57,800	50.3	191.9	55,600	80
85	27.1	168.8	56,400	38.5	181.3	53,600	45.4	187.4	51,500	85
90	17.7	156.6	51,700	32.4	174.3	49,900	40.2	182.0	48,000	90
93	8.0	143.4	43,200	27.9	168.8	48,000	36.6	178.0	46,100	93
95				24.9	165.1	46,600	34.2	175.4	44,800	95
100				14.1	151.0	43,600	27.2	167.0	42,000	100
102				5.9	139.7	42,500	23.5	162.1	41,000	102
105							17.9	154.9	39,400	105
108							8.4	142.1	38,000	108
110										110
115										115
119										119
120										120
125										125
129										129
130										130
135										135
139										139



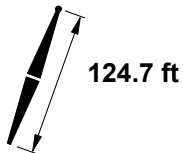
149,600 lb
+
60,400 lb



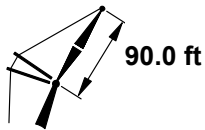
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
35										35
40										40
45										45
49										49
50										50
55										55
59										59
60										60
65										65
70										70
75										75
76	62.8	199.0	55,300 b							76
80	59.5	196.8	51,900							80
85	55.3	193.6	48,100							85
90	50.8	189.8	44,800							90
93	47.9	187.1	43,000	57.3	191.7	39,900				93
95	46.0	185.4	41,800	55.6	190.3	38,800				95
100	40.8	180.1	39,200	51.1	186.6	36,400				100
102	38.5	177.5	38,200	49.2	184.8	35,500				102
105	35.0	173.7	36,800	46.3	182.2	34,200				105
108	30.9	168.8	35,500	43.2	179.1	33,000	52.9	183.8	30,400	108
110	28.1	165.5	34,700	41.1	177.0	32,200	51.1	182.2	29,700	110
115	19.2	154.1	32,700	35.4	170.6	30,400	46.3	177.8	28,100	115
119	6.0	136.2	31,200	29.9	164.2	29,100	42.1	173.7	26,800	119
120				28.6	162.6	28,700	41.1	172.6	26,500	120
125				19.9	151.5	27,200	35.3	166.3	25,100	125
129				7.9	135.3	25,900	29.9	159.8	24,100	129
130							28.6	158.2	23,800	130
135							19.8	147.1	22,600	135
139							7.7	130.8	21,600	139



149,600 lb
+
60,400 lb

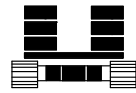


124.7 ft

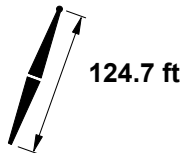


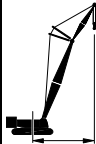
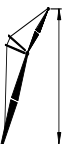
90.0 ft

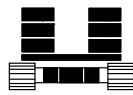
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
38	74.4	219.0	83,900 c							38
40	73.1	218.4	83,800 c							40
45	69.7	216.8	82,700 b							45
50	66.3	214.7	79,200 b							50
52	64.8	213.8	77,800 b	70.8	216.4	84,300 c				52
55	62.7	212.4	75,900	68.8	215.3	82,200 b				55
60	59.1	209.6	72,800	65.3	213.2	78,900 b				60
63	56.8	207.6	71,200	63.2	211.7	76,400 b	67.7	213.6	74,700 b	63
65	55.3	206.4	70,100	61.8	210.7	74,700	66.3	212.8	71,800 b	65
70	51.3	202.6	67,500	58.1	207.8	68,100	62.8	210.4	65,400	70
75	47.1	198.3	65,100	54.3	204.5	62,500	59.2	207.6	60,100	75
80	42.6	193.3	60,800	50.2	200.6	57,700	55.4	204.4	55,400	80
81	41.6	192.1	59,900	49.4	199.7	56,900	54.6	203.7	54,600	81
85	37.7	187.4	56,400	46.0	196.1	53,500	51.4	200.7	51,400	85
90	32.1	180.2	52,500	41.3	190.9	49,800	47.2	196.4	47,900	90
95	25.5	171.1	49,000	36.3	184.7	46,600	42.7	191.4	44,700	95
98	20.2	163.3	47,200	32.8	180.1	44,800	39.7	187.8	43,100	98
100	16.6	158.1	45,900	30.5	177.1	43,700	37.8	185.5	41,900	100
103	7.5	144.1	38,600	26.2	171.2	42,100	34.4	181.2	40,400	103
105				23.4	167.2	41,000	32.2	178.3	39,400	105
110				13.3	152.2	38,600	25.6	169.3	37,100	110
112				5.6	140.2	37,700	22.1	164.2	36,300	112
114							18.6	159.0	35,500	114
115							16.9	156.4	35,000	115
118							7.9	142.8	33,800	118
120										120
125										125
129										129
130										130
135										135
139										139
140										140
145										145
149										149



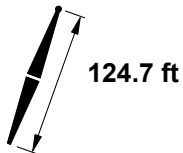
149,600 lb
+
60,400 lb



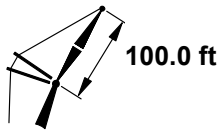
	 75°			 70°			 65°			
 ft		 ft	 lb		 ft	 lb		 ft	 lb	 ft
38										38
40										40
45										45
50										50
52										52
55										55
60										60
63										63
65										65
70										70
75										75
80										80
81	62.5	207.6	50,800							81
85	59.6	205.4	47,900							85
90	55.8	202.3	44,600							90
95	51.9	198.6	41,600							95
98	49.4	196.1	40,100	57.6	200.3	37,100				98
100	47.7	194.4	39,000	56.1	199.0	36,200				100
103	45.0	191.4	37,600	53.7	196.8	34,800				103
105	43.2	189.5	36,700	52.1	195.4	34,000				105
110	38.4	183.7	34,600	48.0	191.2	32,000				110
112	36.2	180.9	33,800	46.2	189.3	31,300				112
114	34.0	178.1	33,000	44.4	187.3	30,600	52.9	191.8	28,200	114
115	32.9	176.7	32,600	43.5	186.3	30,200	52.1	191.0	27,800	115
118	29.0	171.4	31,600	40.6	182.9	29,200	49.6	188.5	26,900	118
120	26.5	167.9	30,900	38.7	180.6	28,600	48.0	186.8	26,300	120
125	18.1	155.7	29,200	33.3	173.7	27,100	43.5	182.0	24,900	125
129	5.7	136.7	27,900	28.2	166.8	26,000	39.6	177.4	23,900	129
130				26.9	165.1	25,700	38.7	176.2	23,700	130
135				18.7	153.2	24,400	33.2	169.3	22,500	135
139				7.4	136.0	23,300	28.2	162.4	21,600	139
140							26.9	160.7	21,400	140
145							18.7	148.8	20,300	145
149							7.3	131.4	19,400	149



149,600 lb
+
60,400 lb

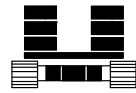


124.7 ft

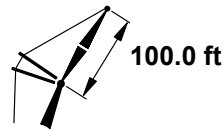
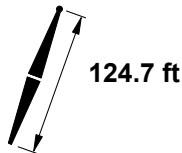


100.0 ft

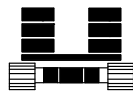
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
40	74.8	228.9	76,900 c							40
45	71.8	227.4	76,400 b							45
50	68.8	225.6	73,900 b							50
55	65.7	223.5	70,700	71.0	226.0	76,600 b				55
60	62.5	221.0	67,700	67.9	224.1	73,500 b				60
65	59.2	218.2	65,000	64.8	221.9	70,500				65
67	57.8	217.0	63,900	63.5	220.9	69,300	67.6	222.8	68,800 b	67
70	55.8	215.0	62,300	61.6	219.4	67,600	65.7	221.5	65,100	70
75	52.2	211.4	59,900	58.3	216.5	62,200	62.5	219.1	59,700	75
80	48.5	207.3	57,600	54.9	213.2	57,400	59.2	216.3	55,100	80
85	44.6	202.5	55,500	51.3	209.4	53,300	55.9	213.1	51,100	85
90	40.3	197.1	52,300	47.5	205.2	49,600	52.3	209.5	47,600	90
95	35.7	190.7	48,900	43.5	200.2	46,300	48.6	205.4	44,400	95
100	30.4	183.0	45,800	39.1	194.5	43,500	44.7	200.6	41,700	100
103	26.7	177.2	44,200	36.3	190.5	41,900	42.1	197.4	40,200	103
105	24.2	173.3	43,100	34.3	187.8	40,900	40.4	195.2	39,200	105
110	15.8	159.6	40,600	28.9	179.7	38,500	35.8	188.8	36,900	110
113	7.1	144.7	34,600	24.9	173.4	37,200	32.6	184.2	35,700	113
115				22.2	169.3	36,400	30.5	181.2	34,900	115
120				12.6	153.3	34,400	24.3	171.5	33,000	120
122				5.3	140.6	33,600	21.0	166.1	32,300	122
125							16.0	157.9	31,200	125
128							7.5	143.5	30,200	128
130										130
135										135
139										139
140										140
145										145
149										149
150										150
155										155
159										159



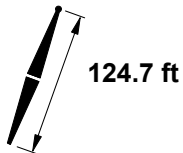
149,600 lb
+
60,400 lb



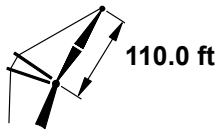
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
40										40
45										45
50										50
55										55
60										60
65										65
67										67
70										70
75										75
80										80
85	62.9	216.8	47,500							85
90	59.6	214.1	44,200							90
95	56.3	211.0	41,300							95
100	52.7	207.4	38,700							100
103	50.5	204.9	37,300	57.8	209.0	34,400				103
105	49.0	203.3	36,400	56.5	207.7	33,600				105
110	45.1	198.7	34,300	53.0	204.2	31,600				110
113	42.6	195.5	33,100	50.7	201.7	30,600				113
115	40.9	193.3	32,300	49.3	200.1	29,900				115
120	36.3	187.1	30,600	45.4	195.5	28,200	52.9	199.8	25,900	120
122	34.3	184.1	30,000	43.7	193.4	27,600	51.5	198.2	25,400	122
125	31.2	179.6	29,000	41.2	190.2	26,800	49.3	195.8	24,600	125
128	27.5	174.0	28,100	38.5	186.5	25,900	46.9	193.0	23,800	128
130	25.1	170.2	27,500	36.6	184.0	25,400	45.4	191.2	23,300	130
135	17.1	157.3	26,100	31.5	176.6	24,100	41.2	185.8	22,100	135
139	5.4	137.2	25,000	26.7	169.3	23,200	37.5	180.9	21,200	139
140				25.5	167.4	22,900	36.6	179.6	21,000	140
145				17.7	154.8	21,800	31.5	172.2	20,000	145
149				7.0	136.6	20,900	26.7	164.9	19,200	149
150							25.5	163.0	19,100	150
155							17.7	150.4	18,100	155
159							6.9	132.0	17,400	159



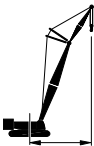
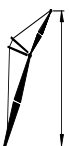
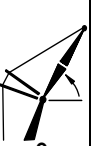
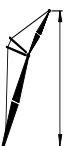
149,600 lb
+
60,400 lb

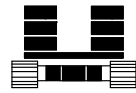


124.7 ft

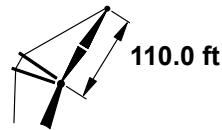
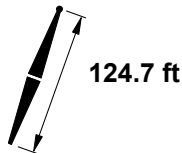


110.0 ft

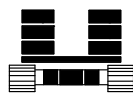
	 87°			 83°			 80°				
	 ft	 °	 ft	 lb	 °	 ft	 lb	 °	 ft	 lb	 ft
43	74.6		238.4	70,600 c							43
45	73.5		237.8	70,400 b							45
50	70.8		236.2	68,700 b							50
55	68.0		234.3	66,200							55
59	65.7		232.6	64,300	70.6	235.2	68,700 b				59
60	65.2		232.2	63,800	70.0	234.8	68,200 b				60
65	62.2		229.7	61,600	67.2	232.9	65,900				65
70	59.3		226.9	59,500	64.4	230.6	63,700				70
71	58.6		226.3	59,100	63.8	230.1	63,200	67.5	232.0	63,900	71
75	56.2		223.7	57,400	61.5	228.1	61,600	65.2	230.2	59,600	75
80	53.0		220.2	55,400	58.4	225.2	57,400	62.3	227.7	55,000	80
85	49.6		216.2	53,400	55.3	221.9	53,200	59.3	225.0	51,000	85
90	46.1		211.7	51,500	52.1	218.2	49,600	56.2	221.8	47,500	90
95	42.4		206.5	48,900	48.7	214.1	46,300	53.0	218.3	44,400	95
100	38.4		200.6	45,900	45.2	209.4	43,400	49.7	214.3	41,600	100
105	34.0		193.8	43,100	41.4	204.1	40,900	46.2	209.8	39,200	105
109	30.0		187.3	41,200	38.1	199.2	39,000	43.2	205.7	37,400	109
110	29.0		185.6	40,700	37.2	198.0	38,500	42.5	204.6	36,900	110
115	23.0		175.4	38,400	32.7	190.9	36,400	38.5	198.8	34,900	115
120	15.0		160.9	36,400	27.5	182.2	34,500	34.1	192.0	33,000	120
123	6.8		145.3	30,900	23.7	175.6	33,400	31.1	187.1	32,000	123
125					21.2	171.2	32,700	29.1	183.8	31,300	125
126					19.3	167.8	32,400	27.9	181.8	31,000	126
130					12.1	154.4	31,000	23.2	173.6	29,700	130
132					5.0	141.1	30,300	20.0	167.9	29,200	132
135								15.2	159.3	28,300	135
138								7.2	144.1	27,400	138
140											140
145											145
149											149
150											150
155											155
159											159
160											160
165											165
169											169



149,600 lb
+
60,400 lb



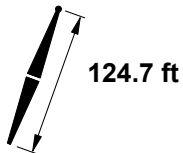
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
43										43
45										45
50										50
55										55
59										59
60										60
65										65
70										70
71										71
75										75
80										80
85										85
90	62.6	225.5	44,100							90
95	59.7	222.7	41,200							95
100	56.6	219.6	38,600							100
105	53.4	216.1	36,300							105
109	50.8	213.0	34,700	57.4	217.0	32,000				109
110	50.1	212.2	34,200	56.8	216.4	31,600				110
115	46.6	207.8	32,300	53.6	212.9	29,800				115
120	42.9	202.7	30,600	50.3	209.0	28,200				120
123	40.5	199.2	29,700	48.2	206.4	27,300				123
125	38.9	196.9	29,000	46.8	204.6	26,700				125
126	38.1	195.6	28,700	46.1	203.6	26,500	53.0	207.8	24,300	126
130	34.6	190.3	27,600	43.2	199.6	25,400	50.3	204.6	23,300	130
132	32.6	187.1	27,000	41.6	197.3	24,900	48.9	202.9	22,800	132
135	29.7	182.3	26,200	39.2	193.9	24,100	46.8	200.2	22,100	135
138	26.2	176.3	25,500	36.6	189.9	23,400	44.6	197.2	21,500	138
140	23.9	172.4	24,900	34.9	187.2	23,000	43.1	195.2	21,000	140
145	16.3	158.7	23,800	30.0	179.4	21,900	39.2	189.5	20,000	145
149	5.1	137.6	22,800	25.5	171.6	21,100	35.7	184.2	19,300	149
150				24.3	169.6	20,900	34.9	182.9	19,100	150
155				16.9	156.3	19,900	30.0	175.0	18,200	155
159				6.7	137.2	19,100	25.4	167.2	17,500	159
160							24.3	165.2	17,400	160
165							16.9	151.9	16,600	165
169							6.6	132.6	15,900	169



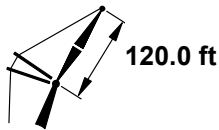
149,600 lb
+
60,400 lb



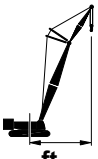
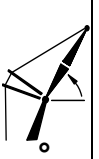
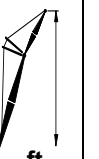
360°



124.7 ft

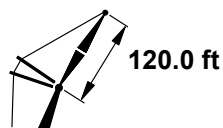
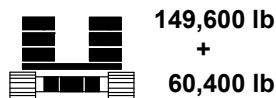


120.0 ft

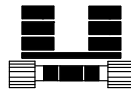
	87°			83°			80°			
										
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
45	74.9	248.2	53,100 b							45
50	72.4	246.8	52,000 b							50
55	69.9	245.0	51,000							55
60	67.3	243.1	50,000							60
62	66.3	242.2	49,600	70.7	244.7	51,600				62
65	64.7	240.9	49,100	69.2	243.6	51,100				65
70	62.1	238.4	48,200	66.6	241.6	50,200				70
74	59.9	236.1	47,500	64.5	239.8	49,600	67.9	241.5	50,500	74
75	59.3	235.6	47,300	64.0	239.3	49,400	67.4	241.1	50,400	75
80	56.5	232.4	46,500	61.3	236.7	48,600	64.8	238.9	49,600	80
85	53.6	228.9	45,700	58.6	233.8	47,800	62.1	236.4	49,000	85
90	50.6	225.0	44,000	55.7	230.6	47,100	59.4	233.6	47,200	90
94	48.0	221.6	42,600	53.4	227.7	45,800	57.1	231.1	44,700	94
95	47.4	220.7	42,300	52.8	227.0	45,500	56.6	230.5	44,100	95
100	44.1	215.8	40,800	49.7	223.0	43,200	53.6	227.0	41,300	100
105	40.5	210.3	39,300	46.5	218.5	40,600	50.6	223.1	38,900	105
110	36.7	204.0	38,100	43.1	213.5	38,300	47.5	218.8	36,600	110
114	33.3	198.2	37,100	40.2	208.9	36,600	44.8	214.9	35,000	114
115	32.5	196.8	36,900	39.5	207.8	36,200	44.1	213.9	34,600	115
120	27.7	188.2	35,700	35.6	201.3	34,300	40.6	208.4	32,800	120
125	22.0	177.4	34,400	31.3	193.7	32,500	36.8	202.2	31,100	125
130	14.4	162.2	32,600	26.3	184.6	30,900	32.6	194.9	29,500	130
132	9.1	151.3	29,400	23.9	180.0	30,300	30.7	191.5	28,900	132
133	6.5	145.9	27,700	22.7	177.6	30,000	29.7	189.8	28,600	133
135				20.3	173.0	29,400	27.8	186.3	28,100	135
140				11.5	155.4	27,900	22.2	175.6	26,700	140
142				4.8	141.5	27,300	19.1	169.6	26,200	142
145							14.6	160.6	25,500	145
148							6.9	144.7	24,700	148
150										150
155										155
159										159
160										160
165										165
169										169
170										170
175										175
179										179

MLC200 S-2

ASME B30.5



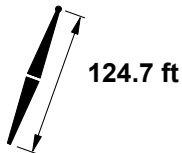
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
45										45
50										50
55										55
60										60
62										62
65										65
70										70
74										74
75										75
80										80
85										85
90										90
94	63.0	234.7	41,400							94
95	62.4	234.2	40,900							95
100	59.7	231.4	38,300							100
105	56.9	228.3	36,000							105
110	54.0	224.9	33,900							110
114	51.6	221.8	32,400	57.6	225.7	29,800				114
115	51.0	221.0	32,000	57.1	225.1	29,400				115
120	47.8	216.8	30,300	54.2	221.6	27,800				120
125	44.5	212.0	28,700	51.2	217.8	26,400				125
130	41.0	206.5	27,300	48.0	213.6	25,000				130
132	39.5	204.1	26,700	46.7	211.7	24,500	53.0	215.8	22,400	132
133	38.7	202.8	26,500	46.1	210.7	24,300	52.4	215.0	22,200	133
135	37.2	200.4	25,900	44.7	208.8	23,800	51.2	213.5	21,700	135
140	33.1	193.3	24,700	41.2	203.4	22,600	48.0	209.2	20,700	140
142	31.2	189.9	24,200	39.7	201.0	22,200	46.7	207.3	20,300	142
145	28.4	184.9	23,500	37.5	197.3	21,600	44.7	204.4	19,700	145
148	25.1	178.6	22,900	35.0	193.1	21,000	42.6	201.2	19,100	148
150	22.9	174.5	22,400	33.3	190.3	20,600	41.2	199.1	18,700	150
155	15.6	160.1	21,400	28.7	182.0	19,600	37.4	193.0	17,900	155
159	4.9	138.1	20,600	24.4	173.8	18,900	34.1	187.3	17,200	159
160				23.3	171.7	18,700	33.3	185.9	17,100	160
165				16.2	157.8	17,900	28.7	177.6	16,300	165
169				6.4	137.8	17,200	24.3	169.4	15,700	169
170							23.2	167.3	15,600	170
175							16.1	153.4	14,900	175
179							6.3	133.2	14,300	179



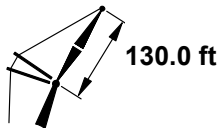
149,600 lb
+
60,400 lb



360°



124.7 ft

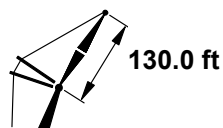


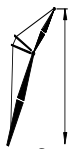
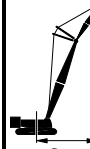
130.0 ft

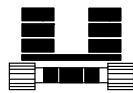
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
48	74.7	257.8	49,400 b							48
50	73.8	257.2	49,000 b							50
55	71.5	255.6	48,100							55
60	69.2	253.9	47,200							60
65	66.8	251.8	46,400	70.9	254.3	48,000				65
70	64.4	249.6	45,600	68.5	252.4	47,200				70
75	61.9	247.0	44,800	66.1	250.3	46,500				75
78	60.4	245.3	44,100	64.7	248.9	46,100	67.8	250.7	46,800	78
80	59.4	244.2	43,700	63.7	248.0	45,800	66.8	249.9	46,600	80
85	56.8	241.1	42,000	61.2	245.4	45,200	64.4	247.6	46,000	85
90	54.1	237.7	40,500	58.7	242.5	43,500	62.0	245.1	45,400	90
95	51.3	233.9	39,000	56.1	239.3	41,900	59.4	242.3	43,900	95
99	49.0	230.5	37,800	53.9	236.5	40,700	57.3	239.8	41,700	99
100	48.5	229.6	37,500	53.4	235.8	40,400	56.8	239.2	41,100	100
105	45.4	225.0	36,200	50.6	231.8	38,900	54.2	235.7	38,600	105
110	42.3	219.8	34,900	47.7	227.5	37,500	51.4	231.9	36,400	110
115	38.9	213.9	33,600	44.6	222.7	36,000	48.5	227.7	34,400	115
119	35.9	208.6	32,700	42.0	218.4	34,500	46.1	224.0	32,900	119
120	35.2	207.3	32,500	41.4	217.3	34,100	45.5	223.1	32,600	120
125	31.2	199.6	31,400	37.9	211.3	32,300	42.3	217.9	30,900	125
130	26.6	190.6	30,500	34.2	204.4	30,700	38.9	212.0	29,300	130
135	21.2	179.3	29,700	30.0	196.5	29,200	35.3	205.4	27,900	135
138	16.8	169.8	29,300	27.2	190.7	28,400	32.9	200.8	27,100	138
140	13.8	163.4	29,000	25.3	186.9	27,800	31.3	197.8	26,600	140
143	6.2	146.5	24,800	21.8	179.6	27,100	28.5	192.4	25,800	143
145				19.5	174.7	26,600	26.7	188.8	25,400	145
150				11.1	156.4	25,300	21.3	177.5	24,200	150
152				4.6	141.9	24,800	18.4	171.2	23,800	152
155							14.0	161.8	23,100	155
158							6.6	145.3	22,400	158
160										160
165										165
169										169
170										170
175										175
179										179
180										180
185										185
189										189



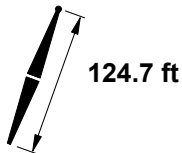
149,600 lb
+
60,400 lb



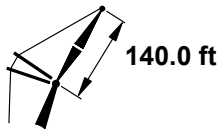
	 75°			 70°			 65°			
 ft		 ft	 lb		 ft	 lb		 ft	 lb	 ft
48										48
50										50
55										55
60										60
65										65
70										70
75										75
78										78
80										80
85										85
90										90
95										95
99	62.7	243.4	38,500							99
100	62.2	242.8	38,000							100
105	59.7	240.1	35,700							105
110	57.1	237.0	33,700							110
115	54.5	233.6	31,800							115
119	52.3	230.6	30,400	57.8	234.4	27,900				119
120	51.7	229.8	30,100	57.3	233.7	27,600				120
125	48.8	225.7	28,500	54.6	230.4	26,100				125
130	45.8	221.1	27,000	51.9	226.6	24,800				130
135	42.7	215.9	25,700	49.0	222.5	23,600				135
138	40.7	212.5	25,000	47.2	219.8	22,900	53.0	223.8	20,800	138
140	39.3	210.2	24,500	46.0	217.9	22,400	51.9	222.3	20,400	140
143	37.2	206.3	23,800	44.2	214.9	21,800	50.2	219.8	19,800	143
145	35.7	203.7	23,300	42.9	212.8	21,400	49.0	218.1	19,400	145
150	31.7	196.2	22,300	39.5	207.1	20,400	46.0	213.6	18,500	150
152	29.9	192.7	21,900	38.1	204.5	20,000	44.8	211.5	18,200	152
155	27.3	187.4	21,300	35.9	200.7	19,400	42.9	208.5	17,600	155
158	24.1	180.8	20,700	33.6	196.2	18,900	40.9	205.0	17,200	158
160	22.0	176.4	20,300	32.0	193.2	18,600	39.5	202.7	16,800	160
165	15.0	161.5	19,400	27.6	184.5	17,800	35.9	196.3	16,100	165
169	4.7	138.5	18,700	23.4	175.9	17,100	32.8	190.3	15,500	169
170				22.3	173.8	17,000	32.0	188.9	15,400	170
175				15.5	159.2	16,200	27.5	180.1	14,700	175
179				6.2	138.3	15,600	23.3	171.5	14,200	179
180							22.3	169.3	14,100	180
185							15.5	154.7	13,400	185
189							6.1	133.7	12,900	189



149,600 lb
+
60,400 lb

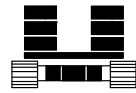


124.7 ft

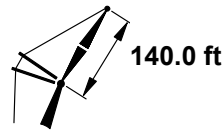
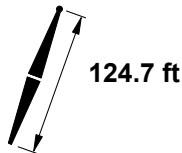


140.0 ft

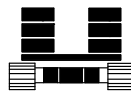
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
51	74.6	267.3	45,800 b							51
55	72.9	266.1	45,100							55
60	70.7	264.5	44,300							60
65	68.5	262.6	43,500							65
69	66.8	261.0	42,900	70.6	263.5	44,300				69
70	66.3	260.6	42,700	70.1	263.1	44,200				70
75	64.1	258.3	41,600	67.9	261.2	43,500				75
80	61.8	255.7	40,000	65.7	259.1	42,900				80
82	60.8	254.6	39,300	64.8	258.1	42,300	67.7	259.9	43,200	82
85	59.4	252.9	38,400	63.5	256.7	41,300	66.4	258.6	42,900	85
90	57.0	249.8	36,900	61.1	254.1	39,800	64.1	256.3	41,700	90
95	54.5	246.4	35,400	58.8	251.2	38,200	61.8	253.8	40,200	95
100	52.0	242.6	34,000	56.4	248.0	36,700	59.5	250.9	38,700	100
103	50.4	240.2	33,200	54.9	245.9	35,900	58.0	249.1	37,800	103
105	49.3	238.5	32,600	53.9	244.5	35,300	57.1	247.8	37,200	105
110	46.6	234.0	31,400	51.3	240.7	33,900	54.6	244.4	35,800	110
115	43.7	229.1	30,100	48.6	236.5	32,600	52.0	240.7	34,100	115
120	40.6	223.5	29,000	45.8	231.8	31,200	49.4	236.6	32,300	120
124	38.0	218.6	28,100	43.5	227.7	30,300	47.2	233.0	30,900	124
125	37.4	217.4	27,800	42.9	226.7	30,000	46.6	232.1	30,600	125
130	33.9	210.4	26,800	39.8	221.0	28,900	43.8	227.2	29,000	130
135	30.0	202.4	25,800	36.5	214.7	27,800	40.7	221.7	27,600	135
140	25.6	192.9	24,900	32.9	207.4	26,700	37.5	215.5	26,300	140
144	21.4	183.5	24,300	29.7	200.7	25,900	34.7	209.9	25,300	144
145	20.4	181.1	24,100	28.9	199.1	25,700	34.0	208.5	25,100	145
150	13.3	164.6	23,500	24.3	189.1	24,900	30.1	200.5	24,000	150
153	6.0	147.0	22,200	21.0	181.5	24,400	27.5	194.9	23,300	153
155				18.7	176.4	24,000	25.7	191.1	22,900	155
160				10.7	157.4	22,900	20.5	179.4	21,900	160
162				4.5	142.3	22,500	17.7	172.8	21,500	162
165							13.5	163.0	20,900	165
168							6.4	145.9	20,300	168
170										170
175										175
179										179
180										180
185										185
189										189
190										190
195										195
199										199



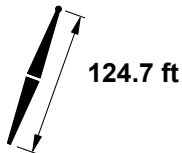
149,600 lb
+
60,400 lb



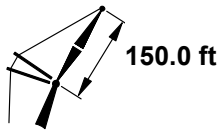
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
51										51
55										55
60										60
65										65
69										69
70										70
75										75
80										80
82										82
85										85
90										90
95										95
100										100
103	63.0	252.6	36,300							103
105	62.1	251.5	35,400							105
110	59.7	248.7	33,300							110
115	57.3	245.7	31,400							115
120	54.9	242.3	29,700							120
124	52.8	239.4	28,500	58.0	243.0	26,000				124
125	52.3	238.6	28,100	57.5	242.4	25,800				125
130	49.7	234.6	26,700	55.0	239.1	24,400				130
135	47.0	230.1	25,400	52.5	235.4	23,200				135
140	44.1	225.2	24,200	49.9	231.4	22,100				140
144	41.7	220.9	23,300	47.7	227.8	21,200	53.0	231.8	19,200	144
145	41.1	219.8	23,000	47.1	227.0	21,000	52.5	231.0	19,000	145
150	37.8	213.7	22,000	44.3	222.1	20,000	49.9	227.0	18,100	150
153	35.8	209.6	21,400	42.5	218.8	19,500	48.2	224.4	17,600	153
155	34.4	206.8	21,000	41.3	216.7	19,100	47.1	222.6	17,300	155
160	30.6	199.0	20,100	38.1	210.6	18,200	44.3	217.7	16,500	160
162	28.8	195.3	19,700	36.7	207.9	17,900	43.0	215.5	16,200	162
165	26.3	189.7	19,200	34.6	203.8	17,400	41.2	212.3	15,700	165
168	23.2	182.9	18,700	32.3	199.2	17,000	39.3	208.7	15,300	168
170	21.2	178.3	18,300	30.8	196.1	16,700	38.0	206.3	15,000	170
175	14.5	162.8	17,600	26.5	186.9	16,000	34.6	199.5	14,400	175
179	4.5	138.9	16,900	22.5	177.9	15,400	31.5	193.2	13,900	179
180				21.5	175.7	15,300	30.8	191.7	13,700	180
185				15.0	160.5	14,600	26.5	182.5	13,100	185
189				5.9	138.8	14,100	22.5	173.5	12,700	189
190							21.5	171.3	12,600	190
195							14.9	156.1	12,000	195
199							5.8	134.2	11,500	199



149,600 lb
+
60,400 lb

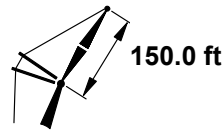
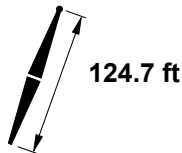


124.7 ft

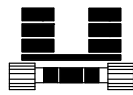


150.0 ft

	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
53	74.8	277.1	42,500							53
55	74.1	276.6	42,200							55
60	72.1	275.1	41,400							60
65	70.0	273.3	40,800							65
70	68.0	271.4	39,900							70
72	67.2	270.6	39,300	70.7	273.0	41,100				72
75	65.9	269.3	38,300	69.5	271.9	40,700				75
80	63.8	266.9	36,800	67.4	269.9	39,500				80
85	61.7	264.4	35,300	65.3	267.8	38,100				85
86	61.2	263.8	35,000	64.9	267.3	37,700	67.6	269.0	39,500	86
90	59.5	261.5	33,800	63.2	265.4	36,500	66.0	267.3	38,300	90
95	57.2	258.5	32,500	61.1	262.7	35,100	63.8	265.0	36,900	95
100	54.9	255.1	31,100	58.9	259.8	33,700	61.7	262.4	35,500	100
105	52.5	251.4	29,700	56.6	256.7	32,300	59.5	259.6	34,100	105
108	51.1	249.0	29,000	55.2	254.6	31,400	58.2	257.7	33,300	108
110	50.1	247.4	28,500	54.3	253.2	30,900	57.3	256.5	32,700	110
115	47.6	243.0	27,300	51.9	249.5	29,700	55.0	253.2	31,400	115
120	44.9	238.3	26,100	49.4	245.4	28,300	52.6	249.5	30,100	120
125	42.1	233.0	25,000	46.9	240.9	27,200	50.1	245.5	28,800	125
130	39.2	227.2	24,000	44.2	236.0	26,000	47.6	241.1	27,600	130
135	36.1	220.7	23,000	41.4	230.6	24,900	45.0	236.4	26,400	135
140	32.7	213.4	22,000	38.4	224.6	23,900	42.2	231.1	25,300	140
145	29.0	205.0	21,100	35.2	217.9	22,900	39.3	225.3	24,300	145
150	24.7	195.1	20,300	31.7	210.3	21,900	36.1	218.8	23,200	150
155	19.7	182.9	19,600	27.9	201.6	21,100	32.8	211.5	22,300	155
160	12.9	165.8	19,100	23.5	191.2	20,300	29.0	203.2	21,400	160
163	5.8	147.5	18,900	20.3	183.3	19,800	26.5	197.3	20,900	163
165				18.1	178.0	19,500	24.8	193.3	20,600	165
170				10.3	158.3	19,000	19.8	181.2	19,800	170
172				4.3	142.7	18,900	17.1	174.4	19,600	172
175							13.0	164.2	19,200	175
178							6.2	146.4	18,700	178
180										180
185										185
189										189
190										190
195										195
199										199
200										200
205										205
209										209



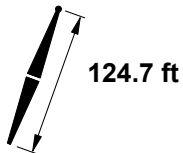
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
53										53
55										55
60										60
65										65
70										70
72										72
75										75
80										80
85										85
86										86
90										90
95										95
100										100
105										105
108	62.8	261.2	34,000							108
110	61.9	260.2	33,200							110
115	59.8	257.4	31,300							115
120	57.5	254.3	29,600							120
125	55.2	251.0	28,100							125
130	52.9	247.4	26,600	57.7	251.1	24,300				130
135	50.4	243.4	25,300	55.4	247.8	23,100				135
140	47.9	239.1	24,100	53.0	244.2	22,000				140
145	45.3	234.4	23,000	50.6	240.2	20,900				145
150	42.5	229.2	21,900	48.1	235.9	19,900	53.0	239.8	18,000	150
155	39.6	223.4	20,900	45.4	231.2	19,000	50.6	235.9	17,200	155
160	36.5	217.1	20,000	42.7	226.1	18,200	48.1	231.6	16,400	160
163	34.5	212.7	19,500	41.0	222.6	17,700	46.5	228.7	16,000	163
165	33.2	209.9	19,100	39.8	220.4	17,400	45.4	226.9	15,700	165
170	29.5	201.7	18,300	36.7	214.0	16,600	42.7	221.7	15,000	170
172	27.8	197.8	18,000	35.4	211.2	16,300	41.5	219.4	14,700	172
175	25.4	192.0	17,500	33.4	206.9	15,900	39.8	216.0	14,300	175
178	22.4	184.9	17,100	31.2	202.0	15,500	37.9	212.2	13,900	178
180	20.4	180.2	16,800	29.7	198.8	15,200	36.7	209.6	13,700	180
185	14.0	164.0	16,100	25.6	189.2	14,600	33.4	202.5	13,100	185
189	4.4	139.3	15,500	21.7	179.9	14,100	30.5	196.0	12,600	189
190				20.8	177.6	14,000	29.7	194.4	12,500	190
195				14.5	161.8	13,400	25.6	184.8	12,000	195
199				5.7	139.4	12,900	21.7	175.5	11,600	199
200							20.8	173.1	11,500	200
205							14.4	157.4	11,000	205
209							5.6	134.7	10,600	209



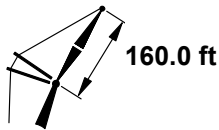
149,600 lb
+
60,400 lb



360°

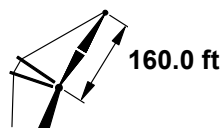
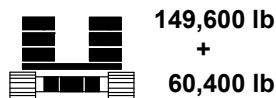


124.7 ft

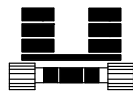


160.0 ft

	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
56	74.7	286.7	39,200							56
60	73.2	285.5	38,600							60
65	71.3	283.9	37,900							65
70	69.4	282.1	36,500							70
75	67.5	280.2	35,000	70.8	282.6	37,500				75
80	65.6	278.0	33,500	68.9	280.7	36,100				80
85	63.6	275.6	32,100	67.0	278.7	34,700				85
89	62.0	273.5	30,900	65.4	276.9	33,600	67.9	278.6	35,200	89
90	61.6	273.0	30,700	65.0	276.5	33,300	67.5	278.2	34,900	90
95	59.5	270.2	29,300	63.0	274.0	31,800	65.6	276.0	33,600	95
100	57.4	267.1	28,000	61.0	271.4	30,500	63.6	273.7	32,200	100
105	55.2	263.8	26,700	58.9	268.5	29,100	61.6	271.1	30,900	105
110	53.0	260.2	25,500	56.8	265.3	27,800	59.5	268.3	29,500	110
113	51.7	257.8	24,800	55.5	263.3	27,100	58.3	266.4	28,700	113
115	50.8	256.3	24,300	54.7	261.9	26,600	57.4	265.2	28,200	115
120	48.4	252.0	23,200	52.4	258.2	25,300	55.3	261.9	26,900	120
125	46.0	247.4	22,100	50.1	254.2	24,100	53.1	258.3	25,700	125
130	43.4	242.3	21,000	47.8	249.9	23,000	50.8	254.3	24,500	130
135	40.7	236.8	20,000	45.3	245.1	21,900	48.4	250.1	23,400	135
140	37.9	230.7	19,100	42.7	240.0	20,900	46.0	245.5	22,300	140
145	34.9	223.9	18,200	40.0	234.3	19,900	43.5	240.4	21,200	145
150	31.6	216.3	17,300	37.1	228.0	19,000	40.8	234.9	20,200	150
155	28.0	207.5	16,500	34.1	221.0	18,100	38.0	228.8	19,300	155
157	26.4	203.4	16,200	32.7	217.9	17,700	36.8	226.1	18,900	157
160	23.9	197.3	15,800	30.7	213.1	17,200	35.0	222.0	18,400	160
165	19.1	184.6	15,200	27.0	204.0	16,400	31.7	214.4	17,500	165
170	12.5	166.9	14,300	22.7	193.3	15,700	28.1	205.7	16,700	170
173	5.6	148.0	13,800	19.6	185.1	15,300	25.7	199.6	16,300	173
175				17.5	179.6	15,000	24.0	195.5	16,000	175
180				10.0	159.2	14,100	19.2	182.9	15,300	180
182				4.2	143.1	13,800	16.5	175.8	14,900	182
185							12.6	165.3	14,400	185
188							6.0	146.9	13,900	188
190										190
195										195
199										199
200										200
205										205
209										209
210										210
215										215
219										219



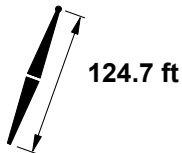
	75°			70°			65°		
	ft	ft	lb	ft	ft	lb	ft	ft	ft
56									56
60									60
65									65
70									70
75									75
80									80
85									85
89									89
90									90
95									95
100									100
105									105
110									110
113	62.6	269.9	31,200						113
115	61.8	268.8	30,700						115
120	59.8	266.1	29,300						120
125	57.7	263.0	27,700						125
130	55.5	259.7	26,300						130
135	53.3	256.1	25,000	57.8	259.8	22,700			135
140	51.1	252.3	23,800	55.7	256.5	21,600			140
145	48.7	248.0	22,600	53.5	252.9	20,600			145
150	46.3	243.5	21,600	51.2	249.1	19,600			150
155	43.8	238.5	20,600	48.9	244.9	18,700			155
157	42.7	236.3	20,200	47.9	243.0	18,300	52.6	247.0	16,500
160	41.1	233.0	19,700	46.5	240.3	17,800	51.2	244.7	16,000
165	38.3	227.0	18,800	43.9	235.3	17,000	48.9	240.5	15,300
170	35.3	220.3	18,000	41.3	229.9	16,300	46.4	235.9	14,600
173	33.4	215.8	17,600	39.6	226.3	15,900	44.9	233.0	14,200
175	32.1	212.8	17,300	38.5	223.9	15,600	43.9	231.0	14,000
180	28.5	204.2	16,500	35.5	217.3	14,900	41.3	225.5	13,300
182	26.9	200.2	16,300	34.2	214.3	14,700	40.1	223.1	13,100
185	24.5	194.2	15,900	32.3	209.8	14,300	38.5	219.5	12,800
188	21.7	186.9	15,500	30.2	204.8	13,900	36.7	215.6	12,400
190	19.8	182.0	15,200	28.8	201.4	13,700	35.5	212.9	12,200
195	13.5	165.2	14,500	24.8	191.5	13,100	32.3	205.5	11,700
199	4.2	139.6	13,900	21.0	181.8	12,700	29.5	198.7	11,300
200				20.1	179.4	12,600	28.8	197.0	11,200
205				14.0	163.1	12,000	24.8	187.1	10,700
209				5.6	139.9	11,600	21.0	177.4	10,300
210							20.1	174.9	10,200
215							14.0	158.6	9,800
219							5.5	135.2	9,400



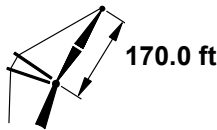
149,600 lb
+
60,400 lb



360°

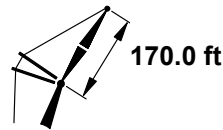
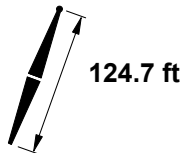


124.7 ft

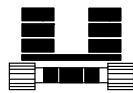


170.0 ft

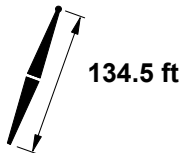
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
58	74.9	296.5	36,300							58
60	74.2	295.9	36,000							60
65	72.5	294.5	35,000							65
70	70.7	292.8	33,700							70
75	68.9	290.9	32,200							75
78	67.8	289.7	31,400	70.9	292.1	33,800				78
80	67.1	288.9	30,800	70.2	291.4	33,300				80
85	65.2	286.7	29,500	68.4	289.5	31,800				85
90	63.4	284.3	28,100	66.6	287.4	30,500				90
93	62.2	282.7	27,300	65.5	286.1	29,700	67.8	287.8	31,300	93
95	61.5	281.7	26,800	64.7	285.2	29,200	67.1	287.0	30,800	95
100	59.5	278.9	25,600	62.9	282.7	27,900	65.3	284.8	29,500	100
105	57.5	275.8	24,300	60.9	280.0	26,600	63.4	282.4	28,200	105
110	55.5	272.5	23,200	59.0	277.1	25,400	61.5	279.7	26,900	110
115	53.5	268.9	22,000	57.0	274.0	24,100	59.6	276.9	25,700	115
117	52.6	267.4	21,600	56.2	272.7	23,700	58.8	275.7	25,200	117
120	51.3	265.1	20,900	55.0	270.6	23,000	57.6	273.9	24,500	120
125	49.1	260.9	19,900	52.9	267.0	21,800	55.6	270.6	23,300	125
130	46.9	256.4	18,900	50.7	263.1	20,700	53.5	267.0	22,200	130
135	44.5	251.5	17,900	48.5	258.8	19,700	51.4	263.2	21,100	135
140	42.1	246.2	17,000	46.2	254.2	18,700	49.2	259.0	20,000	140
145	39.5	240.4	16,100	43.9	249.2	17,700	46.9	254.5	19,000	145
150	36.7	234.0	15,200	41.4	243.8	16,800	44.6	249.6	18,100	150
155	33.8	227.0	14,400	38.8	237.9	16,000	42.1	244.3	17,100	155
160	30.7	219.1	13,700	36.0	231.3	15,100	39.5	238.5	16,300	160
163	28.6	213.6	13,200	34.2	226.9	14,700	37.9	234.7	15,800	163
165	27.2	210.0	12,800	33.0	224.0	14,300	36.8	232.2	15,400	165
170	23.2	199.4	11,900	29.8	215.8	13,500	33.9	225.1	14,600	170
175	18.5	186.2	11,100	26.2	206.4	12,600	30.7	217.2	13,900	175
180	12.1	168.0	10,200	22.0	195.2	11,700	27.3	208.2	12,900	180
183	5.5	148.5	9,900	19.0	186.8	11,200	24.9	201.8	12,300	183
185				17.0	181.1	10,900	23.3	197.6	12,000	185
190				9.7	160.0	10,100	18.6	184.5	11,200	190
192				4.1	143.4	9,900	16.0	177.3	10,900	192
195							12.2	166.4	10,400	195
198							5.8	147.5	9,900	198
200										200
205										205
209										209
210										210
215										215
219										219
220										220
225										225
229										229



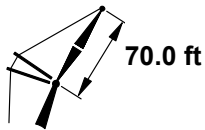
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
58										58
60										60
65										65
70										70
75										75
78										78
80										80
85										85
90										90
93										93
95										95
100										100
105										105
110										110
115										115
117	62.9	279.1	27,500							117
120	61.7	277.5	26,800							120
125	59.8	274.7	25,700							125
130	57.8	271.7	24,500							130
135	55.8	268.4	23,400							135
140	53.7	264.9	22,300	57.9	268.4	21,400				140
145	51.6	261.1	21,200	55.9	265.2	20,300				145
150	49.4	256.9	20,200	53.9	261.7	19,300				150
155	47.2	252.5	19,200	51.8	257.9	18,400				155
160	44.8	247.7	18,200	49.6	253.8	17,600				160
163	43.4	244.5	17,600	48.2	251.1	17,100	52.6	255.0	15,300	163
165	42.4	242.4	17,300	47.3	249.3	16,800	51.7	253.5	15,000	165
170	39.8	236.7	16,400	45.0	244.5	16,100	49.6	249.4	14,300	170
175	37.1	230.4	15,500	42.5	239.3	15,400	47.3	245.0	13,700	175
180	34.2	223.4	14,700	40.0	233.6	14,700	45.0	240.2	13,100	180
183	32.4	218.7	14,300	38.4	229.9	14,300	43.5	237.0	12,700	183
185	31.1	215.6	14,000	37.3	227.4	14,100	42.5	234.9	12,500	185
190	27.7	206.8	13,000	34.4	220.4	13,500	40.0	229.2	12,000	190
192	26.1	202.6	12,700	33.2	217.3	13,300	38.9	226.7	11,800	192
195	23.8	196.4	12,100	31.3	212.7	12,900	37.3	223.0	11,500	195
198	21.0	188.7	11,600	29.3	207.4	12,600	35.6	218.8	11,200	198
200	19.2	183.7	11,300	27.9	203.9	12,400	34.4	216.0	11,000	200
205	13.1	166.4	10,500	24.1	193.6	11,900	31.3	208.3	10,500	205
209	4.1	140.0	10,000	20.4	183.6	11,500	28.6	201.3	10,100	209
210				19.5	181.1	11,400	27.9	199.5	10,000	210
215				13.6	164.3	10,600	24.0	189.2	9,600	215
219				5.4	140.3	10,000	20.4	179.2	9,300	219
220							19.5	176.7	9,200	220
225							13.5	159.8	8,800	225
229							5.3	135.7	8,400	229



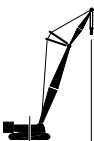
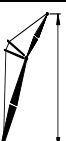
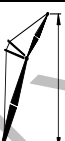
149,600 lb
+
60,400 lb

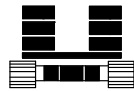


134.5 ft

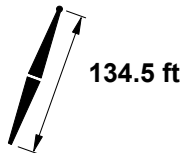


70.0 ft

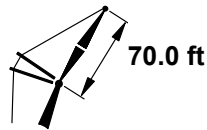
	 87°			 83°			 80°			
	 ft	 ft	 lb	 ft	 ft	 lb	 ft	 ft	 lb	 ft
33	74.5	209.6	98,200 d							33
35	72.8	209.0	98,100 d							35
40	68.5	207.3	98,100 c							40
45	64.0	205.1	98,100 b							45
47	62.1	204.0	97,000 b	70.5	207.2	99,300 c				47
50	59.3	202.4	95,300 b	67.9	206.0	99,300 c				50
55	54.4	199.1	88,500	63.4	203.8	92,200 b				55
57	52.4	197.5	86,100	61.5	202.7	88,300 b	67.8	204.9	84,400 c	57
60	49.2	195.2	82,500	58.7	201.0	82,600 b	65.1	203.6	79,100 c	60
65	43.6	190.4	77,000	53.8	197.7	74,700	60.5	201.0	71,600 b	65
70	37.3	184.6	71,900	48.5	193.6	68,100	55.7	197.9	65,200 b	70
74	31.3	178.5	67,200	43.9	189.7	63,600	51.6	194.9	60,900 b	74
75	29.9	177.0	66,000	42.8	188.8	62,500	50.6	194.1	59,900	75
80	20.2	166.3	60,800	36.4	182.7	57,700	45.1	189.6	55,300	80
84	5.2	148.5	47,200	30.3	176.4	54,300	40.2	185.2	52,000	84
85				28.7	174.9	53,500	39.0	184.1	51,200	85
90				18.5	163.4	49,700	31.9	177.0	47,700	90
91				14.9	159.1	49,000	30.1	175.1	47,000	91
93				7.7	150.5	47,600	26.6	171.3	45,800	93
95							23.0	167.4	44,500	95
100							7.3	149.0	41,600	100
105										105
107										107
110										110
111										111
115										115
120										120
123										123
125										125
130										130
133										133



149,600 lb
+
60,400 lb

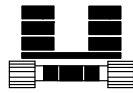


134.5 ft

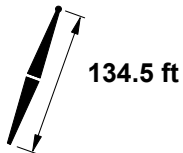


70.0 ft

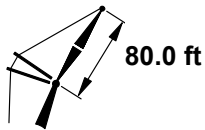
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
33										33
35										35
40										40
45										45
47										47
50										50
55										55
57										57
60										60
65										65
70										70
74	62.8	199.6	56,400 b							74
75	61.9	199.0	55,500 b							75
80	57.1	196.1	51,200 b							80
84	53.1	193.3	48,200 b							84
85	52.1	192.5	47,500							85
90	46.7	188.3	44,200							90
91	45.5	187.2	43,600	57.2	192.5	40,200 b				91
93	43.1	185.1	42,500	55.2	191.1	39,100 b				93
95	40.8	183.0	41,300	53.3	189.7	38,100				95
100	34.0	176.5	38,700	48.0	185.6	35,700				100
105	25.8	167.8	36,300	42.2	180.6	33,500				105
107	21.0	162.2	35,500	39.6	178.1	32,700	52.0	184.1	30,000	107
110	13.7	153.9	34,100	35.7	174.4	31,600	48.8	181.6	28,900	110
111	9.6	149.0	33,700	34.1	172.8	31,200	47.7	180.6	28,600	111
115				27.9	166.3	29,800	43.1	176.8	27,300	115
120				17.2	154.3	28,100	36.7	170.8	25,800	120
123				3.3	137.7	27,000	32.2	166.1	24,900	123
125							29.2	163.1	24,400	125
130							19.2	151.9	23,100	130
133							9.1	140.0	22,300	133



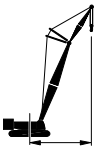
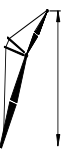
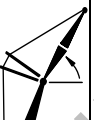
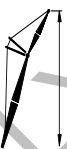
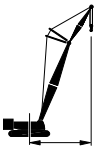
149,600 lb
+
60,400 lb



134.5 ft

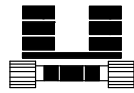


80.0 ft

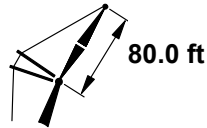
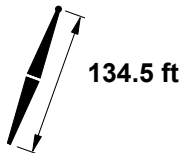
	 87°			 83°			 80°			
 ft	 °	 ft	 lb	 °	 ft	 lb	 °	 ft	 lb	 ft
35	75.0	219.5	89,700 d							35
40	71.3	217.9	89,600 c							40
45	67.4	216.1	89,400 b							45
50	63.5	213.8	87,600 b	70.8	216.7	90,500 c				50
55	59.4	211.0	84,100	66.9	214.8	90,300 b				55
60	55.2	207.8	79,700	63.0	212.5	82,300 b				60
61	54.3	207.1	78,700	62.1	211.9	80,700 b	67.6	214.0	77,100 b	61
65	50.7	204.1	74,700	58.9	209.7	74,400	64.5	212.3	71,200 b	65
70	45.9	199.6	70,200	54.6	206.4	67,800	60.5	209.7	64,900 b	70
75	40.6	194.3	65,800	50.0	202.5	62,300	56.3	206.6	59,600	75
79	35.9	189.1	61,800	46.2	198.9	58,400	52.7	203.7	55,900	79
80	34.8	187.8	60,800	45.2	198.0	57,500	51.8	203.0	55,000	80
85	27.9	179.6	56,300	39.9	192.5	53,300	47.1	198.7	51,000	85
90	18.8	168.0	52,400	33.9	185.9	49,600	42.0	193.6	47,500	90
94	4.8	148.9	41,400	28.3	179.0	47,000	37.5	188.7	45,000	94
95				26.9	177.3	46,300	36.4	187.5	44,300	95
96				24.9	174.9	45,700	35.0	185.9	43,800	96
100				17.3	165.0	43,400	29.8	179.8	41,600	100
103				7.2	151.2	41,700	24.8	173.5	40,000	103
105							21.5	169.4	39,000	105
110							6.9	149.6	36,600	110
113										113
115										115
120										120
121										121
125										125
130										130
133										133
135										135
140										140
143										143

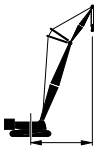
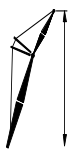
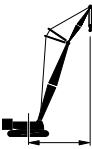
MLC200 S-2

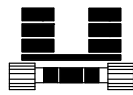
ASME B30.5



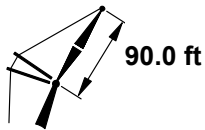
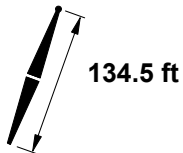
149,600 lb
+
60,400 lb



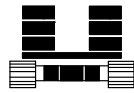
	 75°			 70°			 65°			
 ft		 ft	 lb		 ft	 lb		 ft	 lb	 ft
35										35
40										40
45										45
50										50
55										55
60										60
61										61
65										65
70										70
75										75
79	62.4	208.2	51,600 b							79
80	61.6	207.7	50,800 b							80
85	57.5	204.8	47,100							85
90	53.1	201.3	43,900							90
94	49.4	198.0	41,600							94
95	48.5	197.2	41,000							95
96	47.5	196.3	40,500	57.6	201.1	37,200				96
100	43.5	192.4	38,400	54.1	198.4	35,300				100
103	40.2	188.9	37,000	51.4	196.1	34,000				103
105	38.0	186.6	36,100	49.6	194.5	33,200				105
110	31.8	179.4	34,000	44.7	189.9	31,200				110
113	27.2	173.8	32,800	41.5	186.5	30,200	52.1	192.1	27,500	113
115	24.1	170.0	32,100	39.3	184.3	29,500	50.3	190.5	26,900	115
120	12.8	155.0	30,300	33.3	177.5	27,900	45.5	186.0	25,400	120
121	9.0	149.8	29,900	31.8	175.7	27,600	44.4	184.9	25,100	121
125				26.0	168.7	26,400	40.2	180.6	24,100	125
130				16.1	155.7	25,000	34.3	174.0	22,800	130
133				3.1	138.0	24,100	30.1	168.9	22,100	133
135							27.3	165.6	21,600	135
140							17.9	153.6	20,500	140
143							8.5	140.8	19,800	143



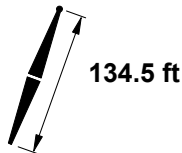
149,600 lb
+
60,400 lb



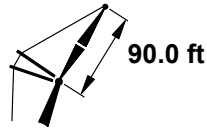
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
38	74.7	229.0	81,700 c							38
40	73.4	228.4	81,500 c							40
45	70.0	226.8	81,200 b							45
50	66.6	224.8	78,700 b							50
53	64.5	223.4	76,800 b	71.0	226.3	82,000 c				53
55	63.1	222.4	75,600	69.6	225.6	82,000 b				55
60	59.5	219.7	72,600	66.2	223.5	78,900 b				60
65	55.7	216.5	69,900	62.6	221.1	74,200	67.5	223.2	71,000 b	65
70	51.8	212.9	67,400	59.0	218.3	67,700	64.0	221.0	64,700 b	70
75	47.6	208.6	65,000	55.2	215.1	62,100	60.4	218.3	59,400	75
80	43.1	203.7	60,700	51.2	211.4	57,300	56.7	215.3	54,800	80
83	40.2	200.2	58,100	48.7	208.8	54,800	54.4	213.1	52,400	83
85	38.2	197.9	56,300	47.0	207.0	53,200	52.8	211.7	50,800	85
90	32.7	190.8	52,400	42.5	202.0	49,500	48.7	207.6	47,300	90
95	26.3	182.0	49,000	37.5	196.0	46,300	44.3	202.9	44,200	95
100	17.8	169.6	45,900	31.9	188.8	43,400	39.5	197.3	41,500	100
101	14.5	164.5	43,700	30.6	187.0	42,900	38.5	196.0	41,000	101
104	4.6	149.3	37,100	26.6	181.5	41,300	35.3	192.0	39,500	104
105				25.3	179.7	40,800	34.2	190.7	39,000	105
110				16.3	166.5	38,400	28.1	182.4	36,700	110
113				6.8	151.8	37,000	23.4	175.7	35,500	113
115							20.3	171.2	34,700	115
119							9.2	154.4	33,100	119
120							6.5	150.2	32,700	120
125										125
130										130
131										131
135										135
140										140
143										143
145										145
150										150
153										153



149,600 lb
+
60,400 lb

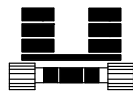


134.5 ft

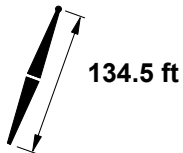


90.0 ft

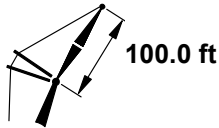
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
38										38
40										40
45										45
50										50
53										53
55										55
60										60
65										65
70										70
75										75
80										80
83	62.9	217.4	48,300							83
85	61.5	216.4	46,900							85
90	57.8	213.4	43,700							90
95	53.9	210.0	40,800							95
100	49.9	206.1	38,200							100
101	49.0	205.2	37,800	57.9	209.8	34,600				101
104	46.4	202.5	36,400	55.6	207.8	33,400				104
105	45.6	201.6	35,900	54.8	207.1	32,900				105
110	40.9	196.3	33,900	50.8	203.4	31,000				110
113	37.8	192.5	32,700	48.3	200.7	30,000				113
115	35.8	189.9	32,000	46.6	199.0	29,300				115
119	31.1	183.7	30,600	42.9	194.8	28,000	52.2	200.1	25,500	119
120	29.9	182.2	30,200	42.0	193.8	27,700	51.4	199.3	25,200	120
125	22.7	172.1	28,600	37.0	187.8	26,200	47.2	195.0	23,900	125
130	12.1	156.1	27,100	31.3	180.4	24,900	42.7	190.0	22,600	130
131	8.5	150.6	26,800	30.0	178.5	24,600	41.7	188.8	22,400	131
135				24.5	171.0	23,600	37.8	184.1	21,500	135
140				15.1	157.1	22,400	32.3	177.0	20,400	140
143				2.9	138.2	21,700	28.3	171.5	19,800	143
145							25.7	167.9	19,400	145
150							16.9	155.1	18,500	150
153							8.0	141.5	17,900	153



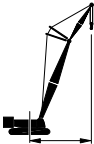
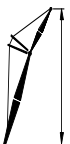
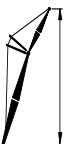
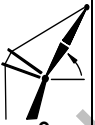
149,600 lb
+
60,400 lb



134.5 ft

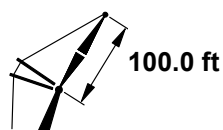
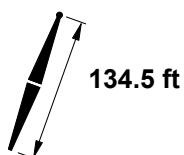


100.0 ft

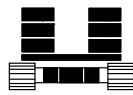
	 87°			 83°			 80°			
										
ft		ft	lb		ft	lb		ft	lb	ft
41	74.5	238.5	74,900 c							41
45	72.1	237.3	74,500 b							45
50	69.1	235.6	73,500 b							50
55	66.0	233.5	70,400							55
57	64.7	232.6	69,300	70.5	235.5	74,800 b				57
60	62.8	231.1	67,500	68.7	234.4	73,500 b				60
65	59.5	228.4	64,800	65.6	232.2	70,600				65
69	56.8	225.8	62,700	63.0	230.3	68,000	67.4	232.4	65,500 b	69
70	56.1	225.2	62,200	62.4	229.8	67,400	66.8	232.0	64,400 b	70
75	52.6	221.6	59,800	59.1	227.0	61,800	63.6	229.6	59,000	75
80	48.9	217.6	57,600	55.7	223.8	57,000	60.4	227.0	54,500	80
85	45.0	212.9	55,600	52.1	220.2	52,900	57.0	223.9	50,500	85
88	42.5	209.7	53,600	49.9	217.7	50,700	54.9	221.9	48,400	88
90	40.8	207.5	52,200	48.4	216.0	49,200	53.5	220.5	47,000	90
95	36.2	201.2	48,800	44.5	211.2	46,000	49.9	216.5	43,900	95
100	31.0	193.7	45,800	40.2	205.8	43,200	46.0	212.0	41,200	100
105	24.9	184.3	43,100	35.5	199.3	40,600	41.9	206.8	38,700	105
107	21.7	179.0	42,100	33.4	196.2	39,600	40.1	204.4	37,800	107
110	16.8	171.1	40,500	30.3	191.6	38,200	37.4	200.8	36,500	110
114	4.3	149.7	33,300	25.2	183.8	36,500	33.4	195.1	34,900	114
115				24.0	181.8	36,100	32.4	193.6	34,400	115
120				15.5	167.9	34,100	26.6	184.8	32,600	120
123				6.4	152.4	33,000	22.2	177.7	31,600	123
125							19.2	173.0	30,900	125
130							6.1	150.7	29,200	130
135										135
140										140
141										141
145										145
150										150
153										153
155										155
160										160
163										163



149,600 lb
+
60,400 lb



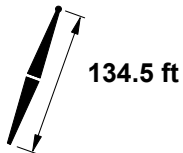
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
41										41
45										45
50										50
55										55
57										57
60										60
65										65
69										69
70										70
75										75
80										80
85										85
88	62.6	226.1	44,500							88
90	61.3	225.0	43,300							90
95	58.0	222.1	40,400							95
100	54.5	218.8	37,900							100
105	50.9	215.0	35,600							105
107	49.4	213.2	34,800	57.4	217.8	31,800				107
110	47.2	210.6	33,500	55.3	215.9	30,600				110
114	43.9	206.6	32,000	52.5	212.9	29,300				114
115	43.1	205.6	31,700	51.8	212.2	28,900				115
120	38.7	199.9	30,000	48.0	207.9	27,300				120
123	35.8	195.8	29,000	45.6	205.0	26,500				123
125	33.9	193.1	28,400	44.0	203.1	25,900	52.3	208.1	23,500	125
130	28.3	184.8	26,900	39.8	197.6	24,600	48.6	204.0	22,200	130
135	21.5	174.0	25,600	35.0	191.0	23,300	44.7	199.2	21,100	135
140	11.4	157.1	24,300	29.7	183.1	22,200	40.4	193.8	20,100	140
141	8.1	151.3	24,000	28.4	181.1	22,000	39.5	192.5	19,900	141
145				23.3	173.1	21,100	35.8	187.4	19,100	145
150				14.4	158.4	20,100	30.6	179.8	18,200	150
153				2.8	138.5	19,400	26.8	174.0	17,700	153
155							24.3	170.1	17,300	155
160							16.0	156.5	16,500	160
163							7.6	142.2	16,000	163



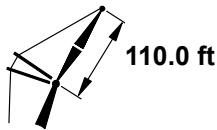
149,600 lb
+
60,400 lb



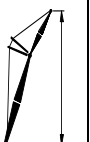
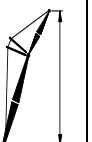
360°

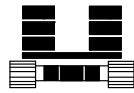


134.5 ft

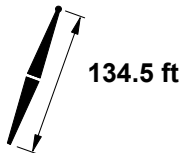


110.0 ft

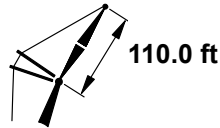
	 87°			 83°			 80°			
	 ft	 ft	 lb	 ft	 lb	 ft	 lb	 ft		
43	74.9	248.4	68,900 c					43		
45	73.8	247.8	68,700 b					45		
50	71.1	246.2	68,000 b					50		
55	68.3	244.4	65,700					55		
60	65.4	242.2	63,400	70.7	245.0	67,900 b		60		
65	62.5	239.8	61,300	67.9	243.1	65,700		65		
70	59.6	237.0	59,200	65.1	241.0	63,600		70		
72	58.3	235.8	58,400	63.9	240.0	62,800	67.9	72		
75	56.5	233.9	57,200	62.2	238.5	61,600	66.2	75		
80	53.3	230.4	55,400	59.2	235.7	57,000	63.3	80		
85	50.0	226.4	53,400	56.1	232.5	52,800	60.3	85		
90	46.5	222.0	51,500	52.9	228.9	49,200	57.3	90		
92	45.0	219.9	50,400	51.5	227.3	47,900	56.0	92		
95	42.8	216.9	48,800	49.5	224.9	46,000	54.2	95		
100	38.8	211.1	45,800	46.0	220.4	43,100	50.9	100		
105	34.4	204.4	43,100	42.3	215.2	40,600	47.4	105		
110	29.5	196.4	40,600	38.3	209.3	38,300	43.8	110		
112	27.2	192.4	39,700	36.5	206.6	37,400	42.2	112		
115	23.7	186.4	38,400	33.8	202.4	36,200	39.9	115		
120	16.0	172.6	36,300	28.8	194.2	34,200	35.6	120		
124	4.1	150.1	29,700	24.0	186.0	32,800	31.8	124		
125				22.8	183.9	32,500	30.9	125		
130				14.8	169.2	30,800	25.3	130		
131				11.9	163.8	30,500	23.9	131		
133				6.1	152.9	29,800	21.1	133		
135							18.3	135		
140							5.8	140		
145								145		
150								150		
151								151		
155								155		
160								160		
163								163		
165								165		
170								170		
173								173		



149,600 lb
+
60,400 lb

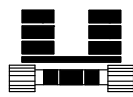


134.5 ft

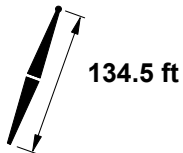


110.0 ft

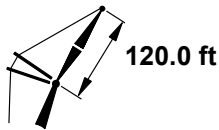
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
43										43
45										45
50										50
55										55
60										60
65										65
70										70
72										72
75										75
80										80
85										85
90										90
92	63.0	235.3	42,000							92
95	61.2	233.7	40,400							95
100	58.2	230.8	37,800							100
105	55.1	227.5	35,600							105
110	51.8	223.8	33,500							110
112	50.5	222.1	32,800	57.6	226.5	29,900				112
115	48.4	219.6	31,600	55.8	224.5	28,900				115
120	44.8	214.9	29,900	52.6	220.9	27,300				120
124	41.8	210.6	28,700	49.9	217.7	26,200				124
125	41.0	209.5	28,400	49.2	216.9	25,900				125
130	36.9	203.3	27,000	45.7	212.3	24,600				130
131	35.9	201.8	26,700	44.9	211.2	24,300	52.4	216.1	22,000	131
133	34.1	198.9	26,200	43.4	209.1	23,800	51.1	214.5	21,500	133
135	32.3	196.0	25,600	41.9	207.1	23,300	49.7	212.9	21,100	135
140	27.0	187.3	24,400	37.8	201.1	22,200	46.2	208.3	20,100	140
145	20.5	175.9	23,200	33.4	194.1	21,200	42.5	203.2	19,100	145
150	10.9	158.1	22,100	28.3	185.7	20,200	38.5	197.4	18,200	150
151	7.7	152.0	21,900	27.0	183.6	20,000	37.6	196.0	18,000	151
155				22.2	175.1	19,200	34.1	190.6	17,400	155
160				13.7	159.6	18,300	29.1	182.4	16,600	160
163				2.7	138.7	17,800	25.6	176.3	16,100	163
165							23.2	172.2	15,800	165
170							15.3	157.9	15,100	170
173							7.3	142.9	14,600	173



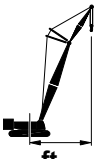
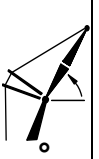
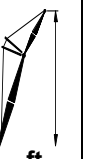
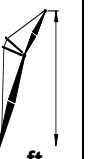
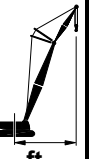
149,600 lb
+
60,400 lb

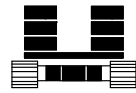


134.5 ft

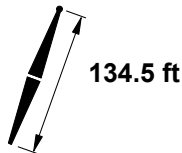


120.0 ft

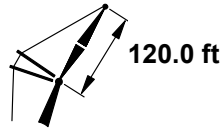
	87°			83°			80°			
										
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
46	74.7	257.9	52,200 b							46
50	72.7	256.7	51,400 b							50
55	70.2	255.1	50,400							55
60	67.6	253.1	49,400							60
63	66.0	251.8	48,800	70.8	254.6	50,900 b				63
65	65.0	250.9	48,500	69.8	253.8	50,600				65
70	62.3	248.5	47,600	67.3	251.9	49,800				70
75	59.6	245.7	46,800	64.7	249.7	49,000				75
76	59.0	245.1	46,600	64.1	249.1	48,800	67.8	251.1	49,700	76
80	56.8	242.6	46,000	62.0	247.1	48,200	65.7	249.4	49,100	80
85	53.9	239.1	45,200	59.2	244.3	47,500	63.0	247.0	48,500	85
90	50.9	235.3	44,000	56.4	241.2	46,700	60.3	244.3	46,600	90
95	47.7	231.0	42,400	53.5	237.7	45,700	57.5	241.3	43,600	95
97	46.4	229.1	41,800	52.3	236.1	44,600	56.4	239.9	42,500	97
100	44.4	226.2	40,900	50.5	233.8	42,900	54.7	237.9	40,800	100
105	40.9	220.7	39,400	47.3	229.4	40,300	51.7	234.2	38,400	105
110	37.1	214.6	38,200	44.0	224.5	38,000	48.6	230.0	36,200	110
115	32.9	207.4	37,000	40.4	219.0	35,900	45.3	225.3	34,200	115
117	31.1	204.0	36,500	38.9	216.5	35,100	43.9	223.2	33,400	117
120	28.2	199.0	35,900	36.6	212.7	34,000	41.8	220.1	32,300	120
125	22.7	188.5	34,300	32.4	205.4	32,300	38.1	214.1	30,700	125
130	15.4	174.0	32,600	27.6	196.7	30,600	34.1	207.2	29,100	130
134	3.9	150.4	26,700	23.0	188.0	29,400	30.4	200.8	28,000	134
135				21.9	185.9	29,100	29.5	199.2	27,700	135
137				18.8	179.7	28,600	27.4	195.2	27,200	137
140				14.1	170.5	27,700	24.2	189.3	26,400	140
143				5.8	153.4	26,900	20.2	181.4	25,600	143
145							17.5	176.2	25,100	145
150							5.6	151.7	23,900	150
155										155
160										160
161										161
165										165
170										170
173										173
175										175
180										180
183										183



149,600 lb
+
60,400 lb

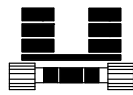


134.5 ft

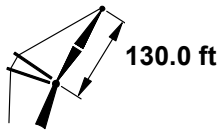
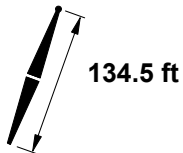


120.0 ft

	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
46										46
50										50
55										55
60										60
63										63
65										65
70										70
75										75
76										76
80										80
85										85
90										90
95										95
97	62.7	244.0	38,900							97
100	61.1	242.4	37,500							100
105	58.3	239.4	35,200							105
110	55.5	236.2	33,200							110
115	52.5	232.6	31,300							115
117	51.3	230.9	30,600	57.8	235.2	27,800				117
120	49.5	228.5	29,600	56.1	233.2	26,900				120
125	46.2	224.0	28,100	53.2	229.7	25,500				125
130	42.8	218.9	26,600	50.2	225.7	24,200				130
134	39.9	214.3	25,600	47.6	222.2	23,200				134
135	39.2	213.1	25,300	47.0	221.3	23,000				135
137	37.6	210.5	24,800	45.6	219.3	22,500	52.5	224.1	20,300	137
140	35.2	206.6	24,100	43.6	216.4	21,900	50.6	221.7	19,700	140
143	32.6	201.9	23,400	41.5	213.0	21,200	48.7	219.1	19,100	143
145	30.9	198.9	23,000	40.0	210.8	20,800	47.5	217.4	18,700	145
150	25.8	189.6	21,900	36.2	204.4	19,900	44.1	212.5	17,800	150
155	19.7	177.7	20,900	31.9	197.0	18,900	40.6	207.0	17,000	155
160	10.4	159.1	19,900	27.0	188.2	18,100	36.8	200.8	16,200	160
161	7.4	152.7	19,700	25.9	185.9	17,900	35.9	199.3	16,100	161
165				21.2	177.0	17,300	32.6	193.6	15,500	165
170				13.1	160.8	16,500	27.8	185.0	14,800	170
173				2.6	138.9	16,000	24.5	178.5	14,400	173
175							22.2	174.2	14,100	175
180							14.6	159.2	13,500	180
183							7.0	143.5	13,100	183



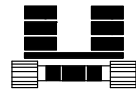
149,600 lb
+
60,400 lb



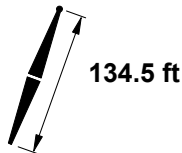
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	lb	ft	
48	75.0	267.7	48,700 b							48
50	74.1	267.2	48,300 b							50
55	71.8	265.6	47,500							55
60	69.4	263.9	46,600							60
65	67.0	261.9	45,800							65
66	66.6	261.4	45,600	71.0	264.1	47,300				66
70	64.6	259.6	45,000	69.1	262.7	46,800				70
75	62.2	257.1	44,300	66.7	260.6	46,100				75
80	59.6	254.4	43,600	64.3	258.3	45,400	67.7	260.3	46,100	80
85	57.1	251.3	42,000	61.8	255.8	44,700	65.3	258.1	45,500	85
90	54.4	247.9	40,500	59.3	253.0	43,700	62.8	255.7	45,000	90
95	51.6	244.1	39,000	56.7	249.9	42,100	60.3	253.0	43,300	95
100	48.8	239.9	37,500	54.0	246.4	40,600	57.7	250.0	40,600	100
102	47.6	238.1	37,000	52.9	244.9	40,000	56.7	248.6	39,600	102
105	45.8	235.3	36,300	51.3	242.6	39,100	55.1	246.6	38,200	105
110	42.6	230.2	35,000	48.4	238.4	37,800	52.3	243.0	36,000	110
115	39.2	224.4	33,800	45.3	233.7	35,700	49.5	238.9	34,000	115
120	35.6	217.8	32,600	42.2	228.5	33,800	46.5	234.4	32,100	120
123	33.2	213.3	32,000	40.1	224.9	32,800	44.7	231.4	31,100	123
125	31.6	210.3	31,500	38.8	222.6	32,100	43.4	229.4	30,500	125
130	27.1	201.4	30,600	35.1	215.9	30,500	40.1	223.8	29,000	130
135	21.8	190.4	29,700	31.1	208.3	29,000	36.6	217.5	27,500	135
140	14.8	175.3	29,100	26.5	199.1	27,600	32.7	210.2	26,200	140
143	6.5	156.9	25,200	23.2	192.3	26,900	30.1	205.1	25,500	143
144	3.8	150.8	24,000	22.1	190.0	26,600	29.2	203.4	25,300	144
145				21.0	187.8	26,300	28.3	201.7	25,000	145
150				13.6	171.7	25,100	23.3	191.4	23,900	150
153				5.6	153.9	24,400	19.4	183.2	23,200	153
155							16.8	177.7	22,800	155
160							5.4	152.2	21,700	160
165										165
170										170
171										171
175										175
180										180
183										183
185										185
190										190
193										193

MLC200 S-2

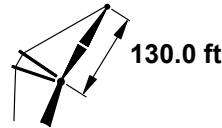
ASME B30.5



149,600 lb
+
60,400 lb

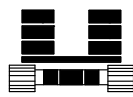


134.5 ft

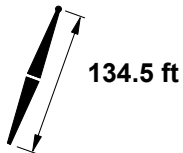


130.0 ft

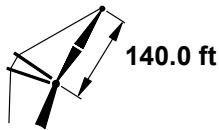
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
48										48
50										50
55										55
60										60
65										65
66										66
70										70
75										75
80										80
85										85
90										90
95										95
100										100
102	62.5	252.6	36,300							102
105	61.0	251.0	34,900							105
110	58.5	248.1	32,900							110
115	55.8	244.9	31,100							115
120	53.1	241.3	29,400							120
123	51.4	238.9	28,500	57.5	243.2	25,800				123
125	50.3	237.4	27,800	56.4	241.9	25,200				125
130	47.4	233.0	26,400	53.7	238.4	23,900				130
135	44.3	228.1	25,100	51.0	234.6	22,700				135
140	41.1	222.7	23,900	48.1	230.3	21,600				140
143	39.0	219.1	23,200	46.2	227.5	21,000	52.5	232.1	18,800	143
144	38.3	217.8	23,000	45.6	226.5	20,800	52.0	231.3	18,600	144
145	37.6	216.6	22,800	45.0	225.6	20,600	51.4	230.5	18,500	145
150	33.8	209.7	21,800	41.8	220.3	19,600	48.5	226.3	17,600	150
153	31.3	204.8	21,200	39.8	216.7	19,100	46.7	223.5	17,100	153
155	29.6	201.6	20,800	38.4	214.4	18,700	45.5	221.7	16,800	155
160	24.8	191.8	19,800	34.7	207.6	17,900	42.3	216.5	16,000	160
165	18.9	179.4	19,000	30.6	199.8	17,100	38.9	210.6	15,300	165
170	10.0	160.0	18,100	26.0	190.5	16,400	35.3	204.0	14,600	170
171	7.1	153.3	17,900	24.8	188.2	16,200	34.5	202.5	14,500	171
175				20.4	178.8	15,600	31.3	196.4	13,900	175
180				12.6	161.9	14,900	26.7	187.4	13,300	180
183				2.5	139.2	14,500	23.5	180.7	13,000	183
185							21.3	176.2	12,700	185
190							14.0	160.5	12,200	190
193							6.7	144.1	11,800	193



149,600 lb
+
60,400 lb

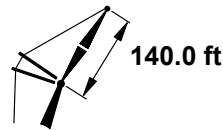
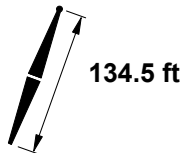


134.5 ft

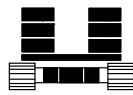


140.0 ft

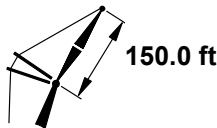
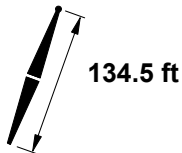
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
51	74.8	277.3	45,200 b							51
55	73.1	276.1	44,500							55
60	70.9	274.5	43,700							60
65	68.8	272.7	43,000							65
70	66.6	270.6	42,300	70.7	273.3	43,700				70
75	64.3	268.3	41,500	68.5	271.4	43,100				75
80	62.0	265.8	39,900	66.3	269.4	42,500				80
84	60.1	263.6	38,700	64.5	267.5	41,700	67.6	269.5	42,600	84
85	59.7	263.0	38,400	64.0	267.0	41,500	67.1	269.0	42,400	85
90	57.3	259.9	36,900	61.7	264.5	40,000	64.9	266.8	42,000	90
95	54.8	256.6	35,500	59.4	261.6	38,500	62.6	264.3	40,400	95
100	52.3	252.9	34,000	56.9	258.5	37,000	60.3	261.6	39,000	100
105	49.6	248.8	32,700	54.5	255.1	35,500	57.9	258.6	37,500	105
106	49.1	247.9	32,400	53.9	254.4	35,300	57.4	258.0	37,100	106
110	46.9	244.4	31,400	51.9	251.4	34,200	55.4	255.3	35,600	110
115	44.0	239.4	30,200	49.3	247.3	32,800	52.9	251.7	33,700	115
120	41.0	234.0	29,100	46.5	242.8	31,600	50.3	247.8	31,800	120
125	37.7	227.9	27,900	43.6	237.8	30,300	47.6	243.4	30,200	125
128	35.6	223.7	27,300	41.8	234.4	29,600	45.9	240.5	29,300	128
130	34.3	221.0	26,900	40.6	232.2	29,100	44.8	238.6	28,700	130
135	30.4	213.1	25,900	37.3	226.0	28,000	41.8	233.3	27,300	135
140	26.1	203.8	25,000	33.8	219.0	26,900	38.6	227.4	26,000	140
145	21.0	192.3	24,200	29.9	211.0	26,000	35.2	220.7	24,800	145
149	15.6	179.7	23,700	26.4	203.4	25,200	32.2	214.6	23,800	149
150	14.2	176.6	23,600	25.5	201.5	24,900	31.5	213.1	23,600	150
154	3.7	151.1	21,500	21.3	192.0	24,000	28.1	206.0	22,800	154
155				20.2	189.6	23,800	27.3	204.2	22,600	155
160				13.1	172.9	22,800	22.4	193.4	21,600	160
163				5.4	154.4	22,100	18.7	184.9	21,000	163
165							16.2	179.2	20,600	165
170							5.2	152.7	19,700	170
175										175
180										180
181										181
185										185
190										190
193										193
195										195
200										200
203										203



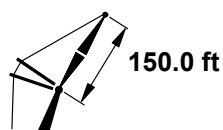
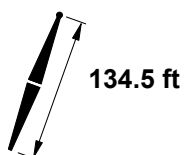
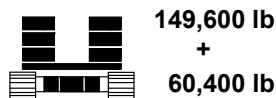
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
51										51
55										55
60										60
65										65
70										70
75										75
80										80
84										84
85										85
90										90
95										95
100										100
105										105
106	62.8	261.8	34,100							106
110	60.9	259.7	32,500							110
115	58.6	256.8	30,700							115
120	56.1	253.6	29,000							120
125	53.6	250.1	27,500							125
128	52.1	247.7	26,600	57.7	251.9	24,100				128
130	51.1	246.2	26,100	56.7	250.6	23,600				130
135	48.4	242.0	24,800	54.2	247.2	22,400				135
140	45.6	237.3	23,600	51.6	243.4	21,300				140
145	42.6	232.1	22,500	49.0	239.2	20,200				145
149	40.1	227.5	21,600	46.8	235.6	19,500	52.6	240.1	17,400	149
150	39.5	226.4	21,400	46.2	234.7	19,300	52.0	239.3	17,200	150
154	36.8	221.2	20,700	43.9	230.6	18,600	49.9	236.0	16,500	154
155	36.2	220.0	20,500	43.3	229.6	18,400	49.4	235.2	16,400	155
160	32.6	212.6	19,600	40.2	224.0	17,600	46.6	230.7	15,600	160
163	30.1	207.5	19,000	38.3	220.3	17,100	44.9	227.7	15,200	163
165	28.5	204.2	18,700	37.0	217.8	16,800	43.8	225.8	14,900	165
170	23.9	194.0	17,900	33.4	210.7	16,000	40.7	220.3	14,200	170
175	18.2	181.0	17,100	29.5	202.5	15,300	37.5	214.1	13,600	175
180	9.7	160.8	16,400	25.0	192.8	14,700	34.0	207.1	13,000	180
181	6.8	153.9	16,200	23.9	190.3	14,500	33.2	205.5	12,900	181
185				19.6	180.6	14,000	30.1	199.2	12,400	185
190				12.1	163.0	13,400	25.7	189.7	11,900	190
193				2.4	139.4	13,000	22.6	182.7	11,500	193
195							20.5	178.0	11,300	195
200							13.5	161.7	10,800	200
203							6.5	144.7	10,500	203



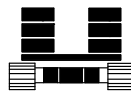
149,600 lb
+
60,400 lb



	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
54	74.7	286.8	41,800							54
55	74.3	286.6	41,700							55
60	72.3	285.0	41,000							60
65	70.2	283.3	40,300							65
70	68.2	281.5	39,600							70
73	67.0	280.2	38,800	70.8	282.8	40,500				73
75	66.1	279.3	38,200	70.0	282.1	40,200				75
80	64.0	277.0	36,800	67.9	280.2	39,600				80
85	61.9	274.5	35,300	65.9	278.1	38,100				85
87	61.0	273.3	34,700	65.0	277.1	37,600	67.9	279.0	39,400	87
90	59.7	271.7	33,900	63.7	275.7	36,700	66.7	277.8	38,600	90
95	57.5	268.6	32,500	61.6	273.1	35,300	64.6	275.5	37,100	95
100	55.2	265.3	31,100	59.4	270.3	33,900	62.4	273.0	35,800	100
105	52.8	261.6	29,800	57.2	267.2	32,500	60.3	270.3	34,400	105
110	50.4	257.7	28,600	54.8	263.8	31,200	58.0	267.3	33,100	110
111	49.8	256.8	28,400	54.4	263.1	30,900	57.6	266.6	32,800	111
115	47.8	253.3	27,400	52.5	260.2	29,900	55.8	264.0	31,700	115
120	45.2	248.6	26,200	50.0	256.2	28,600	53.4	260.5	30,500	120
125	42.4	243.4	25,100	47.5	251.8	27,500	51.0	256.6	29,200	125
130	39.5	237.6	24,100	44.8	247.0	26,300	48.5	252.4	28,000	130
133	37.7	233.8	23,500	43.2	243.8	25,600	46.9	249.6	27,300	133
135	36.4	231.2	23,100	42.1	241.7	25,200	45.9	247.7	26,800	135
140	33.1	224.0	22,100	39.1	235.8	24,100	43.2	242.6	25,700	140
145	29.4	215.8	21,200	36.0	229.3	23,100	40.3	237.0	24,600	145
150	25.2	206.1	20,400	32.6	222.0	22,200	37.2	230.8	23,600	150
155	20.3	194.1	19,700	28.9	213.6	21,300	34.0	223.8	22,500	155
160	13.7	177.8	19,100	24.6	203.7	20,500	30.4	215.9	21,500	160
164	3.5	151.4	18,900	20.5	193.8	19,900	27.1	208.5	20,800	164
165				19.5	191.3	19,800	26.3	206.6	20,600	165
170				12.6	174.0	19,200	21.6	195.4	19,700	170
173				5.2	154.9	19,000	18.1	186.5	19,200	173
175							15.7	180.6	18,900	175
180							5.0	153.1	18,100	180
185										185
190										190
191										191
195										195
200										200
203										203
205										205
210										210
213										213



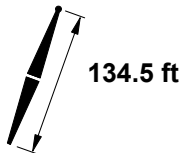
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
54										54
55										55
60										60
65										65
70										70
73										73
75										75
80										80
85										85
87										87
90										90
95										95
100										100
105										105
110										110
111	62.6	270.5	32,100							111
115	60.9	268.4	30,600							115
120	58.7	265.4	28,900							120
125	56.4	262.3	27,400							125
130	54.1	258.8	26,000							130
133	52.6	256.5	25,200	57.8	260.6	22,700				133
135	51.7	255.0	24,700	56.9	259.3	22,300				135
140	49.2	250.9	23,500	54.6	255.9	21,200				140
145	46.6	246.4	22,400	52.2	252.2	20,100				145
150	43.9	241.4	21,400	49.8	248.1	19,200				150
155	41.1	235.9	20,400	47.2	243.7	18,300	52.6	248.1	16,300	155
160	38.1	229.9	19,500	44.6	238.8	17,500	50.2	244.1	15,500	160
164	35.6	224.5	18,800	42.3	234.6	16,900	48.1	240.6	15,000	164
165	34.9	223.2	18,700	41.8	233.5	16,700	47.6	239.7	14,800	165
170	31.4	215.5	17,900	38.8	227.6	16,000	45.0	234.9	14,100	170
173	29.1	210.2	17,400	36.9	223.7	15,600	43.3	231.8	13,800	173
175	27.5	206.7	17,100	35.7	221.0	15,300	42.2	229.7	13,500	175
180	23.1	196.1	16,400	32.2	213.6	14,600	39.3	223.9	12,900	180
185	17.6	182.6	15,700	28.5	205.1	14,000	36.2	217.4	12,400	185
190	9.3	161.6	15,000	24.1	195.0	13,400	32.8	210.1	11,800	190
191	6.6	154.5	14,900	23.1	192.4	13,300	32.0	208.5	11,700	191
195				18.9	182.3	12,900	29.1	201.8	11,300	195
200				11.7	164.0	12,300	24.9	192.0	10,800	200
203				2.3	139.6	11,900	21.8	184.7	10,500	203
205							19.8	179.8	10,300	205
210							13.1	162.9	9,900	210
213							6.2	145.2	9,600	213



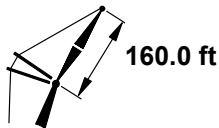
149,600 lb
+
60,400 lb



360°

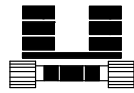


134.5 ft

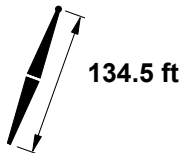


160.0 ft

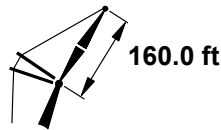
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
56	74.9	296.6	38,700							56
60	73.4	295.5	38,100							60
65	71.5	293.9	37,500							65
70	69.6	292.2	36,400							70
75	67.7	290.2	34,900							75
76	67.3	289.8	34,600	70.9	292.4	37,200				76
80	65.8	288.1	33,500	69.4	290.9	36,200				80
85	63.8	285.7	32,100	67.4	289.0	34,800				85
90	61.8	283.1	30,700	65.5	286.8	33,400				90
91	61.3	282.6	30,400	65.1	286.3	33,100	67.8	288.2	34,900	91
95	59.7	280.3	29,400	63.5	284.4	32,000	66.3	286.5	33,800	95
100	57.6	277.3	28,100	61.5	281.8	30,600	64.3	284.2	32,400	100
105	55.5	274.0	26,800	59.4	279.0	29,300	62.3	281.7	31,200	105
110	53.3	270.4	25,600	57.3	275.9	28,100	60.2	278.9	29,900	110
115	51.0	266.5	24,400	55.2	272.5	26,800	58.2	276.0	28,600	115
120	48.6	262.3	23,300	53.0	268.9	25,600	56.0	272.7	27,400	120
125	46.2	257.7	22,200	50.7	265.0	24,400	53.8	269.2	26,100	125
130	43.7	252.7	21,100	48.3	260.7	23,300	51.6	265.4	24,900	130
135	41.0	247.2	20,100	45.9	256.1	22,200	49.3	261.3	23,800	135
138	39.3	243.6	19,600	44.4	253.0	21,600	47.8	258.6	23,100	138
140	38.2	241.2	19,200	43.3	251.0	21,200	46.9	256.8	22,700	140
145	35.2	234.5	18,300	40.7	245.5	20,200	44.3	251.9	21,700	145
150	32.0	226.9	17,400	37.8	239.3	19,200	41.7	246.5	20,600	150
155	28.4	218.3	16,700	34.8	232.5	18,300	39.0	240.6	19,600	155
160	24.4	208.3	15,900	31.5	224.9	17,500	36.0	234.1	18,700	160
161	23.4	205.8	15,800	30.8	223.1	17,300	35.4	232.7	18,600	161
165	19.6	195.9	15,300	27.9	216.1	16,700	32.8	226.8	17,900	165
170	13.3	179.0	14,400	23.8	205.8	15,900	29.4	218.5	17,000	170
174	3.4	151.7	13,800	19.9	195.6	15,400	26.3	210.8	16,400	174
175				18.9	193.0	15,300	25.5	208.9	16,300	175
180				12.2	175.1	14,400	20.9	197.2	15,500	180
183				5.1	155.3	13,900	17.5	188.0	15,100	183
185							15.2	181.9	14,700	185
190							4.8	153.6	13,900	190
195										195
200										200
201										201
205										205
210										210
213										213
215										215
220										220
223										223



149,600 lb
+
60,400 lb

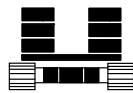


134.5 ft



160.0 ft

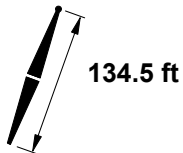
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
56										56
60										60
65										65
70										70
75										75
76										76
80										80
85										85
90										90
91										91
95										95
100										100
105										105
110										110
115	62.9	279.7	30,200							115
120	60.8	277.0	28,600							120
125	58.8	274.1	27,000							125
130	56.6	270.9	25,600							130
135	54.5	267.5	24,400							135
138	53.1	265.3	23,600	58.0	269.2	21,200				138
140	52.2	263.8	23,200	57.1	268.0	20,800				140
145	49.9	259.7	22,100	55.0	264.6	19,800				145
150	47.5	255.4	21,000	52.7	260.9	18,800				150
155	45.1	250.6	20,100	50.5	257.0	18,000				155
160	42.5	245.4	19,200	48.1	252.7	17,100				160
161	41.9	244.2	19,000	47.6	251.7	17,000	52.6	256.1	15,000	161
165	39.8	239.6	18,300	45.6	248.0	16,400	50.8	252.9	14,400	165
170	36.9	233.3	17,600	43.1	242.9	15,600	48.5	248.7	13,800	170
174	34.4	227.7	17,000	40.9	238.4	15,100	46.5	245.0	13,300	174
175	33.8	226.2	16,800	40.4	237.3	15,000	46.0	244.1	13,100	175
180	30.4	218.3	16,100	37.5	231.1	14,300	43.5	239.0	12,600	180
183	28.1	212.7	15,700	35.7	226.9	13,900	41.9	235.7	12,200	183
185	26.6	209.1	15,400	34.5	224.2	13,700	40.8	233.5	12,000	185
190	22.3	198.1	14,800	31.2	216.5	13,100	38.0	227.4	11,500	190
195	17.0	184.1	14,200	27.5	207.6	12,600	35.0	220.6	11,000	195
200	9.0	162.4	13,600	23.4	197.1	12,000	31.7	213.0	10,500	200
201	6.4	155.1	13,400	22.4	194.4	11,900	31.0	211.3	10,400	201
205				18.3	183.9	11,500	28.1	204.3	10,000	205
210				11.3	165.0	11,000	24.1	194.1	9,600	210
213				2.2	139.8	10,700	21.1	186.5	9,300	213
215							19.2	181.5	9,200	215
220							12.7	164.0	8,700	220
223							6.0	145.7	8,500	223



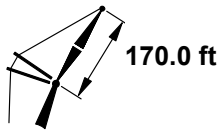
149,600 lb
+
60,400 lb



360°



134.5 ft

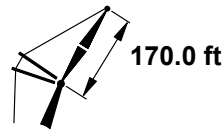
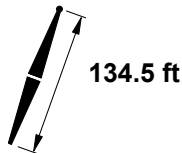


170.0 ft

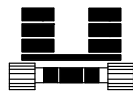
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
59	74.8	306.2	35,700							59
60	74.4	305.9	35,500							60
65	72.6	304.4	34,900							65
70	70.9	302.8	33,500							70
75	69.1	301.0	32,200							75
79	67.6	299.4	31,100	71.0	301.9	33,500				79
80	67.3	299.0	30,800	70.6	301.6	33,300				80
85	65.4	296.8	29,500	68.8	299.7	32,000				85
90	63.6	294.4	28,100	67.0	297.7	30,600				90
95	61.7	291.8	26,800	65.2	295.5	29,400	67.7	297.4	31,000	95
100	59.7	289.0	25,600	63.3	293.1	28,000	65.9	295.2	29,700	100
105	57.8	286.0	24,400	61.4	290.5	26,800	64.0	292.9	28,500	105
110	55.7	282.7	23,200	59.5	287.6	25,600	62.2	290.4	27,300	110
115	53.7	279.1	22,100	57.5	284.6	24,400	60.2	287.6	26,000	115
120	51.6	275.3	21,000	55.5	281.3	23,200	58.3	284.6	24,900	120
125	49.4	271.2	19,900	53.4	277.7	22,100	56.3	281.4	23,700	125
130	47.1	266.7	19,000	51.3	273.8	21,000	54.2	277.9	22,500	130
135	44.8	261.9	18,000	49.1	269.6	20,000	52.1	274.2	21,400	135
140	42.3	256.6	17,100	46.8	265.1	18,900	49.9	270.1	20,400	140
144	40.3	252.0	16,400	44.9	261.2	18,200	48.1	266.6	19,600	144
145	39.7	250.9	16,200	44.4	260.2	18,000	47.7	265.8	19,400	145
150	37.0	244.6	15,300	42.0	254.9	17,000	45.4	261.0	18,400	150
155	34.1	237.6	14,500	39.4	249.1	16,200	43.0	255.9	17,500	155
160	31.0	229.7	13,800	36.7	242.7	15,400	40.4	250.3	16,600	160
165	27.6	220.8	12,900	33.7	235.6	14,600	37.7	244.1	15,700	165
167	26.0	216.6	12,500	32.5	232.4	14,300	36.6	241.4	15,400	167
170	23.7	210.4	12,000	30.6	227.7	13,800	34.9	237.3	14,900	170
175	19.0	197.6	11,200	27.1	218.6	12,800	31.8	229.7	14,100	175
180	12.9	180.1	10,400	23.1	207.9	11,900	28.5	221.1	13,300	180
184	3.3	152.0	9,900	19.3	197.3	11,300	25.5	213.1	12,500	184
185				18.3	194.7	11,100	24.7	211.1	12,300	185
190				11.9	176.1	10,300	20.3	199.1	11,500	190
193				4.9	155.8	10,000	17.0	189.6	11,000	193
195							14.7	183.2	10,700	195
200							4.7	154.0	10,000	200
205										205
210										210
211										211
215										215
220										220
223										223
225										225
230										230
233										233



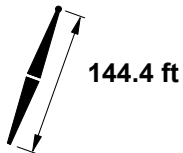
149,600 lb
+
60,400 lb



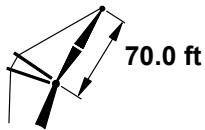
	75°			70°			65°			
ft	ft	ft	lb	ft	lb	ft	lb	ft	ft	
59										59
60										60
65										65
70										70
75										75
79										79
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120	62.7	288.4	27,300							120
125	60.8	285.7	26,200							125
130	58.8	282.8	25,100							130
135	56.8	279.6	23,900							135
140	54.8	276.2	22,800							140
144	53.1	273.3	22,000	57.7	277.3	19,700				144
145	52.7	272.6	21,800	57.3	276.6	19,500				145
150	50.6	268.6	20,700	55.3	273.3	18,600				150
155	48.3	264.3	19,700	53.2	269.7	17,700				155
160	46.0	259.7	18,700	51.0	265.8	16,900				160
165	43.7	254.7	17,800	48.8	261.6	16,100				165
167	42.7	252.5	17,400	47.9	259.8	15,800	52.7	264.1	13,900	167
170	41.2	249.2	16,900	46.6	257.0	15,400	51.4	261.7	13,500	170
175	38.5	243.2	16,000	44.2	252.1	14,700	49.2	257.6	12,900	175
180	35.7	236.6	15,200	41.7	246.7	14,100	46.9	253.1	12,300	180
184	33.3	230.7	14,500	39.6	242.0	13,600	45.0	249.2	11,900	184
185	32.7	229.2	14,400	39.1	240.9	13,500	44.6	248.2	11,800	185
190	29.5	220.9	13,600	36.4	234.4	12,900	42.1	242.9	11,200	190
193	27.3	215.2	13,000	34.6	230.1	12,600	40.6	239.5	10,900	193
195	25.8	211.4	12,600	33.4	227.3	12,300	39.5	237.1	10,700	195
200	21.6	200.0	11,700	30.2	219.2	11,800	36.8	230.8	10,300	200
205	16.5	185.6	11,000	26.7	210.0	11,300	33.9	223.7	9,800	205
210	8.8	163.2	10,200	22.7	199.1	10,900	30.7	215.8	9,400	210
211	6.2	155.6	10,100	21.7	196.4	10,800	30.0	214.0	9,300	211
215				17.8	185.5	10,400	27.3	206.8	9,000	215
220				11.0	166.0	9,900	23.3	196.2	8,600	220
223				2.1	140.0	9,600	20.5	188.4	8,300	223
225							18.6	183.2	8,200	225
230							12.3	165.1	7,800	230
233							5.9	146.3	7,500	233



149,600 lb
+
60,400 lb

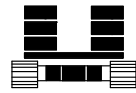


144.4 ft

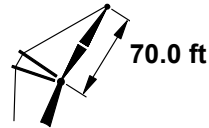
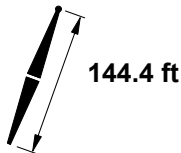


70.0 ft

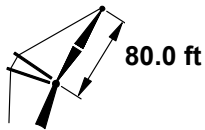
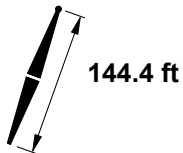
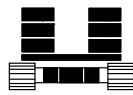
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
33	74.9	219.6	95,000 d							33
35	73.2	219.0	95,000 d							35
40	68.9	217.3	95,000 c							40
45	64.4	215.2	94,600 c							45
48	61.7	213.6	90,600 c	70.7	217.0	95,900 c				48
50	59.8	212.5	87,800 b	68.9	216.3	94,100 c				50
55	55.0	209.3	81,700 b	64.5	214.1	87,400 c				55
59	50.8	206.2	77,400 b	60.8	212.0	82,500 c	67.6	214.4	79,900 c	59
60	49.8	205.5	76,300	59.8	211.5	81,300 b	66.7	214.0	78,200 c	60
65	44.2	200.8	71,400	55.0	208.3	74,100 b	62.1	211.6	70,800 b	65
70	38.0	195.1	67,000	49.8	204.4	67,600	57.4	208.7	64,500 b	70
75	30.7	187.7	62,900	44.2	199.8	62,000	52.4	205.2	59,200	75
77	26.9	183.6	61,400	41.7	197.5	60,100	50.2	203.5	57,400	77
80	21.3	177.5	59,200	38.0	194.1	57,200	47.0	201.0	54,600	80
84	8.7	162.6	47,700	32.2	188.2	53,900	42.3	196.8	51,400	84
85				30.7	186.7	53,100	41.1	195.8	50,600	85
90				21.4	176.5	49,300	34.5	189.3	47,100	90
94				8.8	161.7	46,600	28.0	182.5	44,600	94
95							26.4	180.8	44,000	95
100							14.7	167.5	41,200	100
102							5.1	156.0	40,000	102
105										105
110										110
111										111
114										114
115										115
120										120
125										125
126										126
130										130
135										135
138										138

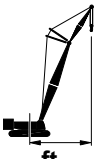
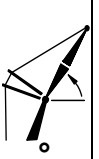
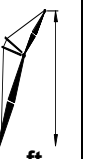


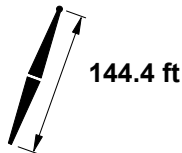
149,600 lb
+
60,400 lb



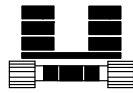
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
33										33
35										35
40										40
45										45
48										48
50										50
55										55
59										59
60										60
65										65
70										70
75										75
77	62.4	208.8	52,700 b							77
80	59.6	207.2	50,300 b							80
84	55.7	204.6	47,300 b							84
85	54.7	203.9	46,600 b							85
90	49.5	200.1	43,400							90
94	45.0	196.3	41,100	57.6	202.0	37,500 b				94
95	43.9	195.3	40,500	56.6	201.3	37,100 b				95
100	37.6	189.5	38,000	51.6	197.7	34,700				100
102	34.7	186.5	37,100	49.4	195.9	33,900				102
105	30.3	182.1	35,700	46.1	193.3	32,600				105
110	20.7	171.6	33,600	40.1	188.0	30,700				110
111	17.3	167.6	33,200	38.8	186.6	30,400	52.2	193.1	27,500	111
114	7.1	155.5	31,900	34.7	182.6	29,300	48.9	190.6	26,600	114
115				33.3	181.3	29,000	47.9	189.8	26,300	115
120				24.9	172.3	27,400	42.1	184.8	24,800	120
125				11.8	157.2	25,800	35.6	178.5	23,500	125
126				6.8	151.1	25,500	34.0	176.9	23,200	126
130							27.7	170.4	22,300	130
135							17.0	158.3	21,100	135
138							2.1	140.4	20,300	138



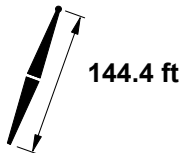
	87°			83°			80°			
										
	ft	ft	ft	lb	ft	lb	ft	lb	ft	ft
36	74.6	229.2	87,000 d							36
40	71.6	227.9	86,900 c							40
45	67.8	226.1	86,700 c							45
50	63.9	223.9	84,300 b							50
51	63.1	223.3	83,100 b	70.9	226.6	87,600 c				51
55	59.8	221.2	78,700 b	67.8	225.1	83,700 c				55
60	55.6	218.0	73,700	63.9	222.8	78,200 b				60
63	52.9	215.8	71,000	61.5	221.2	75,100 b	67.4	223.6	73,200 c	63
65	51.1	214.3	69,100	59.9	220.2	73,100 b	65.9	222.7	70,400 b	65
70	46.4	209.9	65,000	55.6	217.0	67,300	61.9	220.3	64,200 b	70
75	41.2	204.7	61,200	51.2	213.3	61,800	57.7	217.4	58,900	75
80	35.4	198.4	57,800	46.4	208.9	57,000	53.4	214.0	54,300	80
81	34.1	196.8	57,200	45.4	207.9	56,200	52.5	213.1	53,500	81
85	28.7	190.4	54,700	41.2	203.7	52,900	48.8	209.9	50,400	85
90	20.0	179.3	51,700	35.4	197.4	49,200	43.8	205.1	46,900	90
94	8.1	163.3	41,600	30.0	191.0	46,600	39.5	200.5	44,400	94
95				28.7	189.4	46,000	38.4	199.4	43,800	95
99				21.7	180.5	43,600	33.4	193.7	41,600	99
100				20.0	178.3	43,100	32.2	192.3	41,100	100
104				8.2	162.4	40,900	26.1	184.9	39,100	104
105							24.6	183.1	38,600	105
110							13.7	168.7	36,300	110
112							4.8	156.4	35,300	112
115										115
117										117
120										120
124										124
125										125
130										130
135										135
136										136
140										140
145										145
148										148



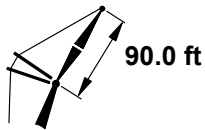
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
36										36
40										40
45										45
50										50
51										51
55										55
60										60
63										63
65										65
70										70
75										75
80										80
81	62.9	218.0	49,100 b							81
85	59.6	215.8	46,200 b							85
90	55.4	212.7	43,000							90
94	51.8	209.7	40,800							94
95	50.9	208.9	40,200							95
99	47.1	205.4	38,200	57.9	210.6	34,800				99
100	46.1	204.5	37,700	57.1	210.0	34,300				100
104	41.9	200.3	35,900	53.5	207.2	32,600				104
105	40.9	199.2	35,400	52.7	206.5	32,200				105
110	35.1	192.8	33,300	48.0	202.3	30,400				110
112	32.4	189.6	32,600	46.0	200.3	29,700				112
115	28.3	184.7	31,500	43.0	197.4	28,600				115
117	24.7	180.2	30,800	40.8	195.0	28,000	52.3	201.1	25,300	117
120	19.4	173.4	29,700	37.4	191.5	27,100	49.5	198.7	24,400	120
124	6.6	156.0	28,300	32.4	185.6	25,900	45.6	195.0	23,400	124
125				31.1	184.2	25,600	44.6	194.0	23,100	125
130				23.2	174.4	24,300	39.3	188.5	21,900	130
135				11.1	158.2	23,000	33.2	181.6	20,800	135
136				6.3	151.6	22,700	31.7	179.9	20,600	136
140							25.9	172.8	19,700	140
145							15.9	159.7	18,700	145
148							1.9	140.5	18,100	148



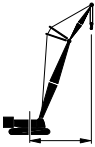
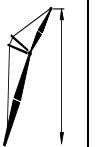
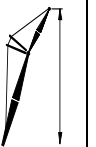
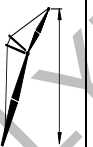
149,600 lb
+
60,400 lb

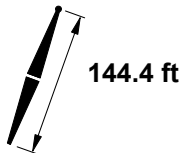


144.4 ft

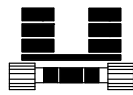


90.0 ft

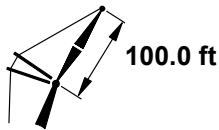
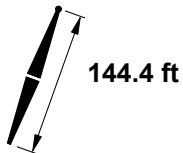
	 87°			 83°			 80°				
	 ft		 ft	 lb		 ft	 lb		 ft	 lb	 ft
39		74.4	238.7	79,300 c							39
40		73.7	238.4	79,300 c							40
45		70.4	236.8	79,000 c							45
50		67.0	234.8	78,200 b							50
55		63.5	232.5	75,100 b	70.4	235.8	79,700 c				55
60		59.9	229.8	72,000	67.0	233.8	76,000 b				60
65		56.1	226.7	67,700	63.5	231.5	71,500 b				65
66		55.3	226.0	67,000	62.8	231.0	70,600 b	68.0	233.2	68,800 b	66
70		52.2	223.1	63,900	59.9	228.8	67,100	65.2	231.5	63,900 b	70
75		48.0	218.9	60,300	56.1	225.7	61,600	61.7	229.0	58,700	75
80		43.6	214.1	57,000	52.2	222.1	56,900	58.0	226.1	54,100	80
85		38.7	208.3	54,000	48.0	217.9	52,700	54.1	222.7	50,200	85
86		37.7	207.0	53,500	47.2	216.9	52,000	53.3	221.9	49,500	86
90		33.3	201.5	51,300	43.6	213.0	49,100	50.1	218.8	46,700	90
95		27.0	192.9	48,700	38.8	207.3	45,900	45.8	214.3	43,700	95
100		18.8	181.0	45,800	33.4	200.5	43,000	41.2	209.0	41,000	100
104		7.6	164.0	37,200	28.3	193.6	41,000	37.1	204.0	39,000	104
105					27.0	191.9	40,500	36.1	202.8	38,500	105
110					18.8	180.0	38,100	30.3	195.1	36,300	110
114					7.8	163.1	36,300	24.6	187.2	34,600	114
115								23.2	185.2	34,200	115
120								12.9	169.9	32,300	120
122								4.5	156.8	31,600	122
123											123
125											125
130											130
134											134
135											135
140											140
145											145
146											146
150											150
155											155
158											158

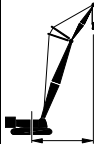
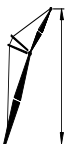
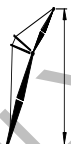


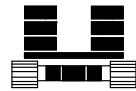
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
39										39
40										40
45										45
50										50
55										55
60										60
65										65
66										66
70										70
75										75
80										80
85										85
86	62.6	226.7	45,300							86
90	59.7	224.5	42,800							90
95	55.9	221.3	40,000							95
100	52.0	217.7	37,500							100
104	48.6	214.3	35,700							104
105	47.8	213.5	35,200	57.4	218.7	32,000				105
110	43.3	208.6	33,200	53.5	215.2	30,100				110
114	39.4	204.0	31,700	50.3	212.0	28,800				114
115	38.5	202.8	31,300	49.5	211.2	28,400				115
120	33.0	195.9	29,600	45.1	206.6	26,900				120
122	30.5	192.4	29,000	43.2	204.5	26,300				122
123	29.2	190.6	28,700	42.3	203.4	26,000	52.4	209.1	23,400	123
125	26.6	187.1	28,100	40.4	201.2	25,500	50.7	207.5	22,900	125
130	18.3	175.0	26,600	35.2	194.8	24,200	46.5	203.1	21,700	130
134	6.2	156.6	25,500	30.5	188.4	23,200	42.8	199.0	20,800	134
135				29.3	186.8	22,900	41.9	198.0	20,600	135
140				21.9	176.4	21,800	36.9	191.9	19,600	140
145				10.4	159.1	20,700	31.2	184.5	18,600	145
146				6.0	152.2	20,400	29.9	182.6	18,500	146
150							24.4	175.0	17,700	150
155							15.0	161.1	16,900	155
158							1.8	140.7	16,300	158



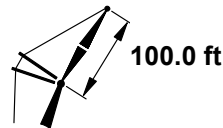
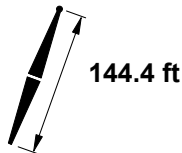
149,600 lb
+
60,400 lb



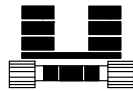
	 87°			 83°			 80°				
	 ft		 ft	 lb		 ft	 lb		 ft	 lb	 ft
41	74.8	248.5	72,900 c								41
45	72.4	247.3	72,500 c								45
50	69.4	245.6	72,200 b								50
55	66.3	243.6	70,000 b								55
58	64.4	242.2	68,400 b	70.6	245.3	72,800 b					58
60	63.1	241.2	67,200	69.4	244.6	72,800 b					60
65	59.9	238.5	64,600	66.3	242.6	69,300 b					65
70	56.5	235.4	62,100	63.1	240.2	65,400	67.8	242.4	63,600 b		70
75	53.0	231.9	58,900	59.9	237.5	61,300	64.7	240.2	58,300		75
80	49.3	227.8	55,900	56.5	234.4	56,600	61.5	237.6	53,800		80
85	45.4	223.2	53,000	53.0	230.8	52,500	58.2	234.7	49,900		85
90	41.2	217.9	50,400	49.3	226.8	48,800	54.8	231.4	46,400		90
95	36.7	211.7	48,000	45.4	222.2	45,600	51.2	227.6	43,400		95
100	31.6	204.4	45,600	41.3	216.9	42,800	47.4	223.3	40,700		100
105	25.6	195.2	42,900	36.7	210.7	40,200	43.4	218.4	38,200		105
110	17.8	182.6	40,400	31.6	203.4	37,900	39.0	212.7	36,000		110
114	7.3	164.6	33,200	26.8	196.0	36,200	35.2	207.3	34,400		114
115				25.6	194.2	35,800	34.2	205.9	34,000		115
120				17.9	181.7	33,900	28.7	197.8	32,200		120
124				7.4	163.8	32,400	23.3	189.3	30,800		124
125							22.0	187.2	30,500		125
129							14.2	174.2	29,200		129
130							12.3	171.0	28,900		130
132							4.3	157.2	28,200		132
135											135
140											140
144											144
145											145
150											150
155											155
156											156
160											160
165											165
168											168



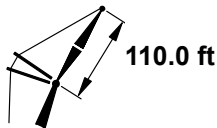
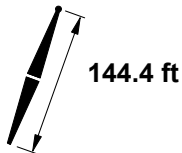
149,600 lb
+
60,400 lb



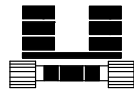
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
41										41
45										45
50										50
55										55
58										58
60										60
65										65
70										70
75										75
80										80
85										85
90	63.0	235.9	42,400							90
95	59.7	233.2	39,600							95
100	56.3	230.0	37,100							100
105	52.8	226.5	34,900							105
110	49.1	222.4	32,800	57.7	227.3	29,700				110
114	46.0	218.7	31,400	54.9	224.6	28,400				114
115	45.2	217.8	31,000	54.2	223.9	28,000				115
120	41.0	212.4	29,300	50.6	220.1	26,500				120
124	37.3	207.4	28,100	47.5	216.6	25,400				124
125	36.4	206.2	27,800	46.8	215.7	25,100				125
129	32.3	200.2	26,700	43.5	211.7	24,100	52.4	217.1	21,500	129
130	31.3	198.7	26,400	42.7	210.6	23,800	51.7	216.3	21,300	130
132	28.9	195.0	25,800	40.9	208.3	23,300	50.2	214.7	20,900	132
135	25.2	189.4	25,100	38.3	204.8	22,600	48.0	212.1	20,200	135
140	17.3	176.6	23,800	33.4	197.9	21,500	44.0	207.3	19,200	140
144	5.9	157.1	22,800	28.9	191.1	20,700	40.5	202.8	18,500	144
145				27.7	189.4	20,500	39.7	201.7	18,300	145
150				20.8	178.3	19,500	35.0	195.2	17,400	150
155				9.9	160.0	18,500	29.6	187.2	16,600	155
156				5.6	152.7	18,300	28.3	185.2	16,400	156
160							23.1	177.1	15,800	160
165							14.2	162.3	15,000	165
168							1.7	140.8	14,500	168



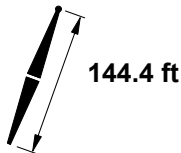
149,600 lb
+
60,400 lb



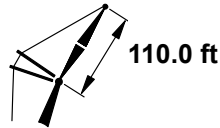
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
44	74.6	258.1	67,100 c							44
45	74.1	257.8	67,100 c							45
50	71.3	256.2	66,600 b							50
55	68.6	254.4	65,100 b							55
60	65.7	252.3	62,900							60
61	65.2	251.8	62,500	70.8	254.9	66,800 b				61
65	62.9	249.9	60,900	68.6	253.4	65,400 b				65
70	59.9	247.2	58,900	65.8	251.3	63,400				70
74	57.4	244.7	57,400	63.4	249.3	60,800	67.7	251.5	59,200	74
75	56.8	244.1	57,000	62.9	248.9	60,200	67.2	251.1	58,200	75
80	53.7	240.6	54,700	59.9	246.1	56,500	64.3	248.9	53,700	80
85	50.3	236.7	52,000	56.8	243.1	52,400	61.4	246.3	49,800	85
90	46.9	232.3	49,500	53.7	239.6	48,800	58.4	243.4	46,400	90
95	43.2	227.3	47,100	50.4	235.7	45,600	55.2	240.1	43,300	95
100	39.2	221.6	44,900	46.9	231.3	42,800	52.0	236.4	40,600	100
105	34.9	215.0	42,900	43.2	226.3	40,200	48.6	232.3	38,200	105
110	30.1	207.1	40,500	39.3	220.6	37,900	45.1	227.6	36,000	110
115	24.4	197.4	38,300	34.9	214.0	35,900	41.2	222.3	34,000	115
120	17.0	184.1	36,200	30.1	206.1	33,900	37.1	216.1	32,200	120
124	6.9	165.2	30,500	25.5	198.4	32,500	33.5	210.4	30,900	124
125				24.4	196.4	32,200	32.6	208.9	30,500	125
130				17.0	183.2	30,600	27.3	200.3	29,000	130
134				7.0	164.4	29,300	22.2	191.3	27,900	134
135							21.0	189.1	27,600	135
140							11.7	172.0	26,200	140
142							4.1	157.6	25,700	142
145										145
150										150
154										154
155										155
160										160
165										165
166										166
170										170
175										175
178										178



149,600 lb
+
60,400 lb

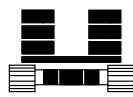


144.4 ft

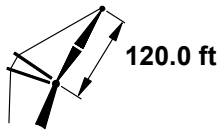
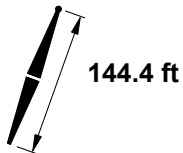


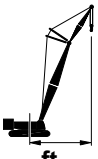
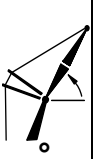
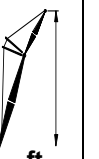
110.0 ft

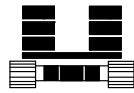
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
44										44
45										45
50										50
55										55
60										60
61										61
65										65
70										70
74										74
75										75
80										80
85										85
90										90
95	62.7	244.6	39,600							95
100	59.7	241.8	37,100							100
105	56.7	238.7	34,800							105
110	53.5	235.2	32,800							110
115	50.2	231.3	31,000	57.9	236.0	28,000				115
120	46.7	226.9	29,300	54.7	232.7	26,500				120
124	43.7	222.8	28,100	52.1	229.7	25,400				124
125	43.0	221.8	27,800	51.5	228.9	25,100				125
130	39.0	216.1	26,400	48.1	224.7	23,800				130
134	35.5	210.7	25,400	45.2	220.8	22,900				134
135	34.7	209.4	25,100	44.5	219.9	22,600	52.5	225.1	20,200	135
140	29.8	201.5	23,900	40.6	214.4	21,500	49.2	221.1	19,200	140
142	27.5	197.5	23,400	38.9	211.9	21,100	47.7	219.2	18,800	142
145	24.0	191.6	22,800	36.4	208.2	20,500	45.6	216.5	18,300	145
150	16.5	178.1	21,700	31.8	200.8	19,500	41.8	211.2	17,400	150
154	5.6	157.6	20,800	27.5	193.6	18,800	38.6	206.4	16,800	154
155				26.4	191.8	18,600	37.8	205.2	16,600	155
160				19.8	180.1	17,800	33.3	198.2	15,800	160
165				9.4	160.9	16,900	28.2	189.8	15,100	165
166				5.4	153.2	16,800	27.0	187.7	15,000	166
170							22.1	179.1	14,400	170
175							13.5	163.6	13,700	175
178							1.6	141.0	13,300	178



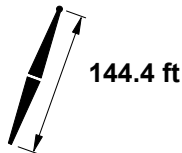
149,600 lb
+
60,400 lb



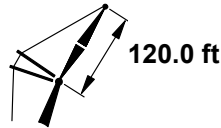
	87°			83°			80°			
										
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
46	74.9	267.9	51,400 c							46
50	72.9	266.7	50,600 b							50
55	70.4	265.1	49,600 b							55
60	67.9	263.2	48,700							60
64	65.8	261.4	48,000	71.0	264.4	50,100 b				64
65	65.3	261.0	47,800	70.4	264.1	49,900 b				65
70	62.6	258.6	47,000	67.9	262.1	49,100				70
75	59.9	255.8	46,200	65.3	260.0	48,400				75
78	58.2	254.0	45,700	63.7	258.5	48,000	67.6	260.7	48,800	78
80	57.1	252.8	45,400	62.6	257.5	47,700	66.6	259.8	48,600	80
85	54.2	249.3	44,700	59.9	254.8	47,000	63.9	257.5	48,000	85
90	51.2	245.5	44,000	57.1	251.7	46,300	61.3	255.0	46,000	90
95	48.1	241.3	42,500	54.2	248.3	45,300	58.5	252.0	43,000	95
100	44.8	236.5	41,000	51.2	244.5	42,500	55.6	248.8	40,300	100
105	41.3	231.2	39,500	48.1	240.3	40,000	52.7	245.2	37,900	105
110	37.5	225.1	38,300	44.8	235.5	37,700	49.6	241.2	35,700	110
115	33.4	218.0	37,100	41.3	230.1	35,600	46.4	236.7	33,700	115
120	28.8	209.7	36,000	37.5	224.1	33,700	43.0	231.6	31,900	120
121	27.7	207.7	35,600	36.7	222.7	33,400	42.3	230.5	31,600	121
125	23.3	199.5	34,200	33.4	217.0	32,000	39.4	225.9	30,300	125
130	16.3	185.6	32,500	28.8	208.8	30,400	35.5	219.4	28,800	130
134	6.6	165.8	27,000	24.4	200.6	29,200	32.0	213.3	27,600	134
135				23.3	198.5	28,900	31.1	211.8	27,300	135
140				16.3	184.7	27,500	26.2	202.6	26,000	140
141				13.9	179.7	27,200	24.9	200.3	25,800	141
144				6.7	165.0	26,400	21.3	193.2	25,100	144
145							20.1	190.9	24,800	145
150							11.2	173.0	23,600	150
152							3.9	157.9	23,200	152
155										155
160										160
164										164
165										165
170										170
175										175
176										176
180										180
185										185
188										188



149,600 lb
+
60,400 lb

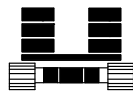


144.4 ft

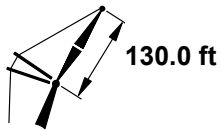
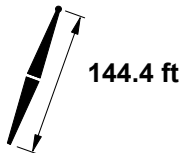


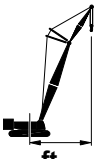
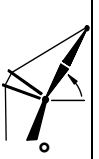
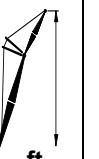
120.0 ft

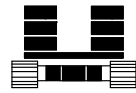
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
46										46
50										50
55										55
60										60
64										64
65										65
70										70
75										75
78										78
80										80
85										85
90										90
95										95
100	62.5	253.2	36,700							100
105	59.7	250.5	34,500							105
110	56.9	247.4	32,400							110
115	54.0	244.0	30,600							115
120	51.0	240.1	29,000							120
121	50.4	239.3	28,700	57.5	244.0	25,800				121
125	47.9	235.9	27,500	55.2	241.4	24,700				125
130	44.6	231.1	26,100	52.2	237.7	23,400				130
134	41.8	226.7	25,000	49.7	234.4	22,500				134
135	41.1	225.7	24,800	49.1	233.6	22,200				135
140	37.3	219.5	23,600	45.9	229.0	21,200				140
141	36.5	218.1	23,400	45.2	228.0	21,000	52.6	233.1	18,600	141
144	34.0	213.9	22,700	43.2	224.9	20,300	50.7	230.7	18,100	144
145	33.2	212.5	22,500	42.5	223.9	20,100	50.1	229.9	17,900	145
150	28.5	204.1	21,400	38.8	218.1	19,200	46.9	225.5	17,000	150
152	26.3	199.9	21,000	37.2	215.4	18,800	45.6	223.5	16,700	152
155	23.0	193.7	20,500	34.8	211.4	18,300	43.6	220.5	16,200	155
160	15.8	179.5	19,500	30.4	203.6	17,500	40.0	215.0	15,500	160
164	5.4	158.1	18,800	26.3	196.0	16,900	36.9	209.8	14,900	164
165				25.3	194.1	16,700	36.1	208.6	14,800	165
170				18.9	181.8	16,000	31.8	201.1	14,100	170
175				9.0	161.7	15,200	27.0	192.3	13,500	175
176				5.2	153.6	15,000	25.8	190.0	13,300	176
180							21.1	181.1	12,800	180
185							12.9	164.7	12,200	185
188							1.6	141.1	11,800	188



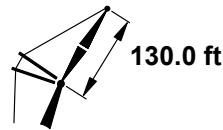
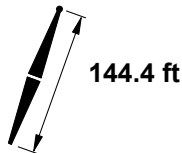
149,600 lb
+
60,400 lb



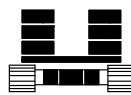
	87°			83°			80°			
										
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
49	74.8	277.4	47,800 b							49
50	74.3	277.2	47,600 b							50
55	72.0	275.6	46,800							55
60	69.7	273.9	46,000							60
65	67.3	271.9	45,200							65
68	65.8	270.6	44,700	70.6	273.6	46,500				68
70	64.9	269.7	44,400	69.7	272.9	46,200				70
75	62.4	267.2	43,700	67.3	270.9	45,600				75
80	59.9	264.5	43,000	64.9	268.7	44,900				80
81	59.4	263.9	42,800	64.4	268.2	44,700	68.0	270.3	45,400	81
85	57.3	261.4	42,000	62.4	266.2	44,200	66.1	268.6	45,000	85
90	54.7	258.1	40,500	59.9	263.5	43,700	63.6	266.2	44,500	90
95	51.9	254.3	39,000	57.3	260.4	42,300	61.2	263.6	42,800	95
100	49.1	250.2	37,600	54.7	257.0	40,800	58.6	260.7	40,100	100
104	46.7	246.5	36,500	52.5	254.0	39,700	56.5	258.1	38,100	104
105	46.1	245.6	36,300	51.9	253.3	39,400	56.0	257.5	37,700	105
110	42.9	240.5	35,000	49.1	249.2	37,500	53.3	254.0	35,500	110
115	39.6	234.8	33,800	46.1	244.6	35,400	50.5	250.0	33,500	115
120	36.0	228.4	32,700	42.9	239.5	33,500	47.6	245.7	31,700	120
125	32.0	221.0	31,700	39.6	233.8	31,800	44.5	240.9	30,100	125
126	31.2	219.2	31,500	38.9	232.5	31,500	43.9	239.8	29,800	126
130	27.6	212.3	30,700	36.0	227.4	30,200	41.3	235.5	28,600	130
135	22.4	201.5	29,900	32.1	220.0	28,700	37.8	229.4	27,200	135
140	15.6	187.0	29,200	27.6	211.3	27,400	34.0	222.5	25,900	140
144	6.4	166.4	24,500	23.5	202.7	26,400	30.7	216.1	24,900	144
145				22.4	200.6	26,100	29.9	214.5	24,700	145
147				19.7	194.8	25,600	28.0	210.7	24,200	147
150				15.7	186.1	24,900	25.1	204.9	23,500	150
154				6.5	165.6	24,000	20.4	195.1	22,700	154
155							19.3	192.6	22,500	155
160							10.8	174.0	21,500	160
162							3.8	158.3	21,000	162
165										165
170										170
174										174
175										175
180										180
185										185
186										186
190										190
195										195
198										198



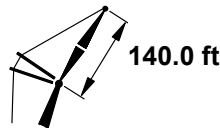
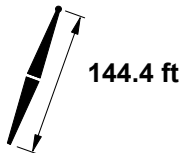
149,600 lb
+
60,400 lb



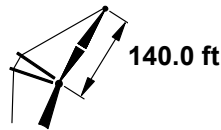
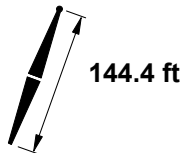
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
49										49
50										50
55										55
60										60
65										65
68										68
70										70
75										75
80										80
81										81
85										85
90										90
95										95
100										100
104	62.8	262.4	34,600							104
105	62.3	261.9	34,200							105
110	59.8	259.1	32,200							110
115	57.2	256.1	30,400							115
120	54.5	252.7	28,700							120
125	51.8	248.9	27,200							125
126	51.2	248.1	26,900	57.7	252.7	24,200				126
130	48.9	244.8	25,800	55.6	250.1	23,200				130
135	45.9	240.2	24,600	52.9	246.5	22,000				135
140	42.8	235.1	23,400	50.0	242.5	20,900				140
144	40.1	230.5	22,500	47.7	238.9	20,100				144
145	39.4	229.3	22,300	47.1	238.1	19,900				145
147	37.9	226.7	21,900	45.9	236.1	19,500	52.6	241.1	17,300	147
150	35.8	222.8	21,300	44.0	233.2	19,000	50.9	238.8	16,800	150
154	32.6	216.9	20,500	41.4	228.8	18,300	48.6	235.3	16,100	154
155	31.8	215.4	20,300	40.7	227.7	18,100	48.0	234.5	16,000	155
160	27.4	206.6	19,400	37.2	221.5	17,300	45.0	229.7	15,200	160
162	25.2	202.2	19,000	35.7	218.7	17,000	43.7	227.6	14,900	162
165	22.1	195.7	18,500	33.4	214.4	16,500	41.8	224.5	14,500	165
170	15.2	180.9	17,700	29.2	206.2	15,800	38.4	218.5	13,900	170
174	5.2	158.6	17,000	25.2	198.3	15,200	35.4	213.1	13,400	174
175				24.3	196.3	15,100	34.6	211.7	13,300	175
180				18.2	183.4	14,400	30.6	203.9	12,700	180
185				8.7	162.4	13,800	25.9	194.6	12,100	185
186				5.0	154.1	13,600	24.8	192.3	12,000	186
190							20.3	182.9	11,600	190
195							12.4	165.8	11,000	195
198							1.5	141.3	10,700	198



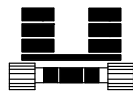
149,600 lb
+
60,400 lb



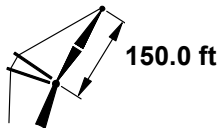
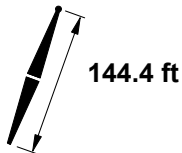
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	lb	ft	
52	74.6	287.0	44,300 b							52
55	73.3	286.1	43,900							55
60	71.2	284.5	43,100							60
65	69.0	282.7	42,400							65
70	66.8	280.7	41,700							70
71	66.3	280.2	41,600	70.7	283.1	43,000				71
75	64.5	278.4	41,100	69.0	281.7	42,600				75
80	62.2	275.9	39,800	66.8	279.6	42,000				80
85	59.9	273.1	38,300	64.5	277.4	41,400	67.9	279.4	42,000	85
90	57.5	270.1	36,900	62.3	274.9	40,100	65.7	277.3	41,500	90
95	55.1	266.8	35,400	59.9	272.1	38,600	63.4	274.9	40,700	95
100	52.5	263.1	34,100	57.5	269.1	37,100	61.1	272.3	39,300	100
105	49.9	259.1	32,700	55.1	265.7	35,700	58.7	269.4	37,300	105
109	47.7	255.5	31,800	53.0	262.8	34,700	56.8	266.8	35,600	109
110	47.2	254.7	31,500	52.5	262.1	34,400	56.3	266.2	35,200	110
115	44.3	249.8	30,300	49.9	258.1	33,100	53.8	262.7	33,200	115
120	41.3	244.4	29,200	47.2	253.6	31,800	51.2	258.9	31,400	120
125	38.1	238.4	28,100	44.3	248.8	30,600	48.5	254.6	29,800	125
130	34.6	231.6	27,000	41.3	243.4	29,400	45.7	250.0	28,300	130
131	33.9	230.0	26,800	40.7	242.2	29,200	45.1	249.0	28,000	131
135	30.8	223.8	26,000	38.1	237.4	28,300	42.8	244.9	26,900	135
140	26.6	214.7	25,100	34.6	230.6	27,100	39.7	239.2	25,600	140
145	21.6	203.5	24,300	30.9	222.8	25,900	36.4	232.8	24,400	145
150	15.1	188.4	23,700	26.6	213.7	24,700	32.8	225.5	23,300	150
153	8.4	172.3	22,600	23.6	207.0	24,000	30.4	220.5	22,700	153
154	6.1	167.0	22,200	22.6	204.7	23,800	29.6	218.8	22,500	154
155				21.6	202.5	23,600	28.8	217.1	22,200	155
160				15.1	187.4	22,600	24.2	207.1	21,300	160
164				6.2	166.1	21,700	19.7	196.9	20,500	164
165							18.6	194.3	20,300	165
170							10.4	174.9	19,400	170
172							3.6	158.6	19,100	172
175										175
180										180
184										184
185										185
190										190
195										195
196										196
200										200
205										205
208										208



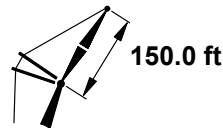
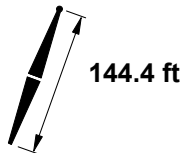
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
52										52
55										55
60										60
65										65
70										70
71										71
75										75
80										80
85										85
90										90
95										95
100										100
105										105
109	62.6	271.1	32,200							109
110	62.1	270.6	31,800							110
115	59.8	267.8	30,000							115
120	57.4	264.7	28,400							120
125	54.9	261.4	26,900							125
130	52.4	257.7	25,500							130
131	51.9	256.9	25,200	57.8	261.4	22,500				131
135	49.7	253.7	24,200	55.9	258.8	21,600				135
140	47.0	249.2	23,000	53.4	255.2	20,500				140
145	44.1	244.3	21,900	50.8	251.3	19,500				145
150	41.1	238.9	20,900	48.1	247.0	18,600				150
153	39.2	235.3	20,400	46.4	244.2	18,100	52.6	249.1	15,900	153
154	38.5	234.0	20,200	45.8	243.3	17,900	52.1	248.3	15,700	154
155	37.9	232.8	20,000	45.3	242.3	17,700	51.6	247.6	15,600	155
160	34.4	226.0	19,100	42.3	237.1	16,900	48.9	243.4	14,800	160
164	31.4	219.7	18,400	39.8	232.5	16,300	46.7	239.8	14,300	164
165	30.6	218.2	18,200	39.2	231.3	16,200	46.2	238.8	14,100	165
170	26.3	208.9	17,500	35.8	224.8	15,500	43.3	233.8	13,500	170
172	24.3	204.4	17,200	34.4	221.8	15,200	42.0	231.5	13,300	172
175	21.3	197.6	16,700	32.2	217.4	14,800	40.2	228.2	12,900	175
180	14.6	182.2	16,000	28.1	208.8	14,100	36.9	221.9	12,300	180
184	5.0	159.0	15,400	24.3	200.5	13,600	34.1	216.2	11,900	184
185				23.4	198.4	13,500	33.3	214.8	11,800	185
190				17.5	185.0	12,900	29.4	206.6	11,200	190
195				8.4	163.2	12,300	24.9	196.9	10,700	195
196				4.8	154.5	12,200	23.8	194.4	10,600	196
200							19.5	184.6	10,200	200
205							12.0	166.9	9,800	205
208							1.5	141.4	9,400	208



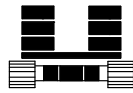
149,600 lb
+
60,400 lb



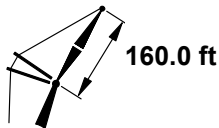
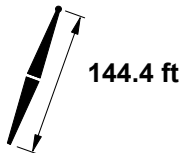
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
54	74.9	296.8	41,200 b							54
55	74.5	296.5	41,100							55
60	72.5	295.0	40,400							60
65	70.5	293.4	39,800							65
70	68.4	291.5	39,100							70
74	66.8	289.8	38,300	70.9	292.7	39,900				74
75	66.3	289.4	38,100	70.5	292.3	39,800				75
80	64.2	287.1	36,700	68.4	290.5	39,200				80
85	62.1	284.6	35,200	66.4	288.4	38,300				85
89	60.3	282.4	34,200	64.7	286.5	37,100	67.8	288.6	38,700	89
90	59.9	281.8	33,900	64.3	286.1	36,900	67.4	288.2	38,600	90
95	57.7	278.8	32,500	62.1	283.5	35,400	65.3	286.0	37,300	95
100	55.4	275.5	31,100	59.9	280.8	34,100	63.2	283.6	36,100	100
105	53.0	271.9	29,900	57.7	277.8	32,700	61.0	280.9	34,700	105
110	50.6	267.9	28,700	55.4	274.4	31,400	58.8	278.0	33,400	110
113	49.1	265.3	28,000	54.0	272.3	30,700	57.4	276.1	32,600	113
115	48.1	263.6	27,500	53.1	270.8	30,100	56.5	274.9	32,100	115
120	45.5	258.9	26,400	50.6	266.9	28,900	54.2	271.4	30,800	120
125	42.7	253.8	25,300	48.1	262.6	27,700	51.8	267.7	29,600	125
130	39.8	248.1	24,200	45.5	257.9	26,500	49.4	263.5	28,200	130
135	36.7	241.7	23,200	42.7	252.8	25,500	46.8	259.1	26,800	135
136	36.1	240.3	23,000	42.2	251.6	25,300	46.2	258.1	26,500	136
140	33.4	234.6	22,200	39.8	247.1	24,400	44.1	254.1	25,500	140
145	29.8	226.5	21,400	36.8	240.7	23,400	41.3	248.7	24,300	145
150	25.7	217.0	20,600	33.4	233.6	22,400	38.3	242.7	23,200	150
155	20.8	205.3	19,800	29.8	225.5	21,600	35.1	236.0	22,200	155
159	15.8	192.8	19,300	26.5	217.9	20,900	32.3	229.9	21,400	159
160	14.5	189.7	19,200	25.7	216.0	20,700	31.6	228.4	21,200	160
164	5.9	167.5	18,900	21.8	206.7	20,100	28.5	221.4	20,500	164
165				20.9	204.4	20,000	27.8	219.6	20,300	165
170				14.6	188.7	19,400	23.4	209.2	19,500	170
174				6.0	166.7	19,000	19.0	198.6	18,800	174
175							17.9	195.9	18,600	175
180							10.0	175.8	17,800	180
182							3.5	158.9	17,500	182
185										185
190										190
194										194
195										195
200										200
205										205
206										206
210										210
215										215
218										218



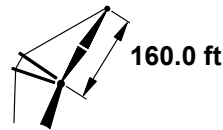
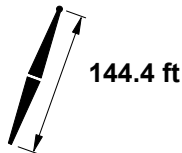
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
54										54
55										55
60										60
65										65
70										70
74										74
75										75
80										80
85										85
89										89
90										90
95										95
100										100
105										105
110										110
113	62.8	280.3	30,600							113
115	62.0	279.2	29,900							115
120	59.8	276.5	28,300							120
125	57.6	273.4	26,800							125
130	55.3	270.1	25,400							130
135	52.9	266.5	24,100							135
136	52.4	265.7	23,900	58.0	270.0	21,300				136
140	50.5	262.5	23,000	56.2	267.5	20,400				140
145	48.0	258.2	21,900	53.8	264.0	19,400				145
150	45.3	253.5	20,900	51.4	260.1	18,500				150
155	42.6	248.3	19,900	49.0	256.0	17,700				155
159	40.3	243.7	19,200	46.9	252.3	17,000	52.7	257.1	14,900	159
160	39.7	242.6	19,000	46.4	251.4	16,900	52.2	256.4	14,700	160
164	37.2	237.5	18,400	44.2	247.4	16,200	50.2	253.1	14,200	164
165	36.6	236.2	18,200	43.7	246.4	16,100	49.7	252.3	14,100	165
170	33.2	229.0	17,400	40.8	240.9	15,400	47.2	247.9	13,400	170
174	30.3	222.5	16,800	38.4	236.0	14,800	45.1	244.0	12,900	174
175	29.6	220.8	16,700	37.8	234.8	14,700	44.5	243.0	12,800	175
180	25.4	211.2	16,000	34.6	228.0	14,100	41.7	237.7	12,200	180
182	23.5	206.5	15,700	33.2	224.9	13,800	40.5	235.3	12,000	182
185	20.5	199.4	15,300	31.0	220.2	13,500	38.8	231.8	11,700	185
190	14.1	183.4	14,700	27.1	211.2	12,900	35.6	225.2	11,200	190
194	4.8	159.5	14,100	23.5	202.6	12,500	32.9	219.2	10,800	194
195				22.6	200.4	12,400	32.2	217.7	10,700	195
200				16.9	186.5	11,800	28.4	209.2	10,200	200
205				8.1	163.9	11,300	24.1	199.0	9,800	205
206				4.6	154.9	11,200	23.0	196.5	9,700	206
210							18.9	186.3	9,300	210
215							11.6	167.9	8,900	215
218							1.4	141.5	8,600	218



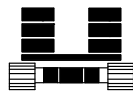
149,600 lb
+
60,400 lb



	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
57	74.7	306.3	38,000							57
60	73.6	305.5	37,700							60
65	71.7	303.9	37,000							65
70	69.8	302.2	36,200							70
75	67.9	300.3	34,800							75
77	67.1	299.4	34,300	71.0	302.2	36,700				77
80	66.0	298.1	33,400	69.8	301.2	36,200				80
85	64.0	295.8	32,000	67.9	299.2	34,900				85
90	62.0	293.2	30,700	66.0	297.1	33,500				90
93	60.7	291.6	29,900	64.8	295.7	32,700	67.7	297.8	34,500	93
95	59.9	290.5	29,400	64.0	294.8	32,200	66.9	296.9	34,000	95
100	57.8	287.4	28,100	62.0	292.2	30,800	65.0	294.7	32,700	100
105	55.7	284.2	26,800	59.9	289.4	29,600	63.0	292.3	31,400	105
110	53.5	280.6	25,600	57.8	286.4	28,300	60.9	289.6	30,200	110
115	51.2	276.8	24,500	55.7	283.1	27,000	58.9	286.7	28,900	115
118	49.8	274.2	23,800	54.4	281.0	26,300	57.6	284.8	28,200	118
120	48.9	272.6	23,400	53.5	279.6	25,800	56.8	283.6	27,700	120
125	46.5	268.0	22,300	51.2	275.7	24,700	54.6	280.1	26,400	125
130	44.0	263.0	21,200	48.9	271.6	23,600	52.4	276.4	25,300	130
135	41.3	257.6	20,300	46.5	267.0	22,400	50.1	272.4	24,100	135
140	38.5	251.6	19,300	44.0	262.0	21,400	47.7	268.1	23,100	140
142	37.3	249.0	18,900	42.9	259.9	21,000	46.7	266.1	22,600	142
145	35.5	245.0	18,400	41.3	256.6	20,400	45.2	263.3	22,000	145
150	32.3	237.6	17,600	38.5	250.6	19,500	42.6	258.1	21,000	150
155	28.8	229.1	16,700	35.6	244.0	18,500	39.9	252.4	20,000	155
160	24.8	219.2	16,000	32.3	236.6	17,700	37.0	246.1	19,100	160
165	20.2	207.1	15,400	28.8	228.1	16,900	34.0	239.1	18,200	165
170	14.1	190.9	14,600	24.9	218.2	16,100	30.6	231.2	17,400	170
174	5.7	168.0	13,900	21.1	208.6	15,600	27.6	223.9	16,800	174
175				20.2	206.2	15,500	26.9	222.1	16,600	175
180				14.1	190.0	14,700	22.6	211.2	15,800	180
184				5.8	167.2	14,000	18.4	200.2	15,300	184
185							17.4	197.5	15,200	185
190							9.7	176.7	14,300	190
192							3.4	159.2	13,900	192
195										195
200										200
204										204
205										205
210										210
215										215
216										216
220										220
225										225
228										228



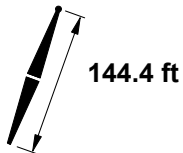
	75°			70°			65°			
ft	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
57										57
60										60
65										65
70										70
75										75
77										77
80										80
85										85
90										90
93										93
95										95
100										100
105										105
110										110
115										115
118	62.7	289.0	28,500							118
120	61.9	287.9	27,900							120
125	59.8	285.1	26,400							125
130	57.7	282.1	25,000							130
135	55.6	278.8	23,800							135
140	53.4	275.2	22,600							140
142	52.5	273.7	22,200	57.7	278.1	19,700				142
145	51.1	271.4	21,500	56.4	276.1	19,100				145
150	48.8	267.1	20,500	54.2	272.7	18,100				150
155	46.3	262.6	19,600	52.0	268.9	17,300				155
160	43.8	257.6	18,700	49.7	264.9	16,500				160
165	41.2	252.1	17,900	47.3	260.4	15,700	52.7	265.1	13,700	165
170	38.4	246.1	17,100	44.8	255.6	15,000	50.4	261.2	13,000	170
174	36.0	240.8	16,500	42.7	251.4	14,500	48.5	257.7	12,500	174
175	35.4	239.4	16,400	42.2	250.3	14,400	48.1	256.9	12,400	175
180	32.2	232.0	15,700	39.5	244.6	13,700	45.6	252.2	11,900	180
184	29.3	225.1	15,200	37.1	239.4	13,300	43.5	248.1	11,400	184
185	28.6	223.4	15,000	36.6	238.2	13,100	43.0	247.0	11,300	185
190	24.6	213.5	14,400	33.4	231.0	12,600	40.3	241.4	10,800	190
192	22.7	208.6	14,200	32.1	227.8	12,400	39.2	238.9	10,600	192
195	19.9	201.2	13,800	30.0	222.9	12,000	37.5	235.2	10,300	195
200	13.7	184.6	13,200	26.2	213.6	11,500	34.4	228.3	9,900	200
204	4.7	159.9	12,700	22.7	204.6	11,100	31.8	222.1	9,500	204
205				21.8	202.4	11,000	31.1	220.6	9,400	205
210				16.4	187.9	10,600	27.5	211.7	9,000	210
215				7.8	164.6	10,100	23.3	201.1	8,600	215
216				4.5	155.3	10,000	22.3	198.5	8,500	216
220							18.3	187.9	8,200	220
225							11.2	168.9	7,800	225
228							1.4	141.6	7,500	228



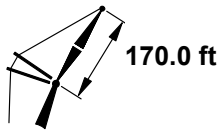
149,600 lb
+
60,400 lb



360°

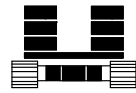


144.4 ft

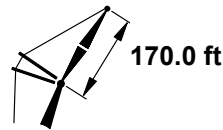
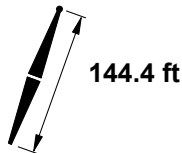


170.0 ft

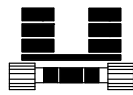
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
59	74.9	316.2	35,200							59
60	74.6	315.9	35,100							60
65	72.8	314.4	34,500							65
70	71.1	312.8	33,300							70
75	69.3	311.0	32,000							75
80	67.5	309.0	30,700							80
81	67.1	308.6	30,500	70.7	311.4	33,000				81
85	65.6	306.8	29,400	69.3	310.0	32,000				85
90	63.8	304.5	28,200	67.5	308.0	30,800				90
95	61.9	301.9	26,900	65.6	305.8	29,500				95
96	61.5	301.3	26,700	65.2	305.3	29,200	68.0	307.4	30,900	96
100	59.9	299.1	25,700	63.8	303.5	28,300	66.5	305.7	29,900	100
105	58.0	296.1	24,500	61.9	300.9	27,000	64.7	303.4	28,700	105
110	55.9	292.9	23,300	59.9	298.1	25,800	62.8	300.9	27,600	110
115	53.9	289.3	22,200	58.0	295.1	24,600	60.9	298.3	26,300	115
120	51.8	285.6	21,100	56.0	291.8	23,400	58.9	295.4	25,200	120
122	50.9	283.9	20,700	55.1	290.4	23,000	58.1	294.1	24,700	122
125	49.6	281.5	20,100	53.9	288.3	22,300	57.0	292.2	24,100	125
130	47.3	277.0	19,000	51.8	284.5	21,300	54.9	288.9	22,900	130
135	45.0	272.2	18,100	49.6	280.4	20,200	52.8	285.2	21,800	135
140	42.6	267.0	17,200	47.4	276.0	19,200	50.7	281.3	20,700	140
145	40.0	261.3	16,300	45.0	271.2	18,200	48.5	277.0	19,700	145
147	38.9	258.8	16,000	44.0	269.1	17,800	47.6	275.2	19,300	147
150	37.3	255.1	15,400	42.6	266.0	17,300	46.2	272.4	18,800	150
155	34.4	248.2	14,600	40.0	260.3	16,400	43.8	267.4	17,800	155
160	31.3	240.4	13,900	37.3	254.1	15,500	41.3	261.9	16,900	160
165	27.9	231.6	13,000	34.5	247.2	14,700	38.7	256.0	16,000	165
170	24.1	221.4	12,100	31.4	239.4	14,000	35.9	249.4	15,300	170
171	23.2	218.9	11,900	30.7	237.7	13,800	35.3	247.9	15,100	171
175	19.6	208.9	11,300	28.0	230.6	13,000	32.9	242.1	14,400	175
180	13.7	192.1	10,500	24.1	220.4	12,200	29.7	233.9	13,600	180
184	5.6	168.5	10,000	20.5	210.4	11,500	26.8	226.3	12,800	184
185				19.6	207.9	11,300	26.1	224.4	12,700	185
190				13.7	191.2	10,600	21.9	213.2	11,700	190
194				5.6	167.7	10,000	17.8	201.8	11,100	194
195							16.8	199.0	11,000	195
200							9.4	177.5	10,300	200
202							3.3	159.5	10,000	202
205										205
210										210
214										214
220										220
226										226
230										230
238										238



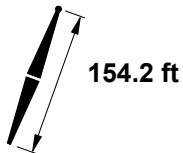
149,600 lb
+
60,400 lb



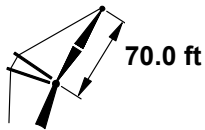
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
59										59
60										60
65										65
70										70
75										75
80										80
81										81
85										85
90										90
95										95
96										96
100										100
105										105
110										110
115										115
120										120
122	62.9	298.2	27,000							122
125	61.8	296.6	26,200							125
130	59.8	293.8	24,800							130
135	57.9	290.8	23,500							135
140	55.8	287.5	22,400							140
145	53.8	284.0	21,300							145
147	52.9	282.4	20,900	57.8	286.8	18,400				147
150	51.7	280.2	20,300	56.6	284.8	17,900				150
155	49.5	276.0	19,300	54.6	281.4	17,000				155
160	47.2	271.6	18,500	52.5	277.7	16,200				160
165	44.9	266.8	17,600	50.3	273.7	15,500				165
170	42.4	261.5	16,900	48.1	269.4	14,800				170
171	41.9	260.4	16,700	47.6	268.5	14,700	52.7	273.1	12,600	171
175	39.9	255.8	16,100	45.8	264.7	14,100	51.0	270.0	12,200	175
180	37.2	249.5	15,500	43.4	259.7	13,500	48.8	265.8	11,600	180
184	34.9	244.0	14,900	41.4	255.2	13,000	47.0	262.1	11,200	184
185	34.3	242.6	14,800	40.9	254.1	12,900	46.5	261.2	11,100	185
190	31.2	234.8	14,100	38.2	248.1	12,400	44.2	256.3	10,600	190
194	28.4	227.7	13,300	36.0	242.7	11,900	42.2	252.0	10,200	194
195	27.7	225.9	13,100	35.4	241.4	11,800	41.7	250.9	10,100	195
200	23.9	215.6	12,200	32.4	234.0	11,300	39.1	245.0	9,600	200
202	22.0	210.5	11,900	31.1	230.6	11,100	38.0	242.4	9,500	202
205	19.3	203.0	11,400	29.1	225.6	10,800	36.3	238.6	9,200	205
210	13.3	185.8	10,600	25.4	215.9	10,400	33.4	231.4	8,800	210
214	4.5	160.3	10,000	21.6	205.3	10,000	30.7	224.5	8,500	214
220				15.9	189.4	9,500	26.6	214.1	8,000	220
226				4.3	155.7	9,000	21.3	199.3	7,500	226
230							17.7	189.5	7,200	230
238							1.3	141.8	6,500	238



149,600 lb
+
60,400 lb

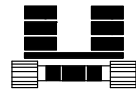


154.2 ft

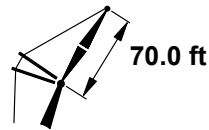
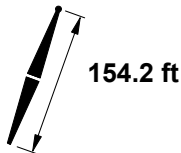


70.0 ft

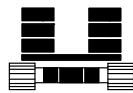
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
34	74.5	229.3	91,400 d							34
35	73.7	229.0	91,400 d							35
40	69.4	227.3	91,300 c							40
45	64.9	225.2	91,200 c							45
49	61.2	223.2	86,500 c	70.8	226.9	92,100 d				49
50	60.3	222.6	85,400 b	70.0	226.5	91,200 c				50
55	55.5	219.5	79,500 b	65.6	224.5	84,800 c				55
60	50.3	215.7	74,300	61.0	221.9	79,000 b				60
61	49.2	214.8	73,300	60.0	221.3	77,900 b	67.3	224.0	75,700 c	61
65	44.8	211.2	69,500	56.2	218.9	73,600 b	63.7	222.2	69,900 c	65
70	38.6	205.5	65,200	51.1	215.2	67,100	59.0	219.5	63,700 b	70
75	31.5	198.4	61,300	45.6	210.8	61,600	54.1	216.2	58,500 b	75
79	24.3	190.6	58,400	40.8	206.4	57,800	50.0	213.0	54,900 b	79
80	22.5	188.6	57,700	39.6	205.3	56,800	48.9	212.2	54,000	80
85	5.4	168.5	45,000	32.6	198.5	52,700	43.2	207.4	50,000	85
90				23.9	189.2	49,000	36.9	201.4	46,600	90
95				9.8	172.7	45,700	29.4	193.8	43,500	95
96				1.5	162.5	44,700	27.4	191.5	43,000	96
97							25.4	189.3	42,400	97
100							19.4	182.7	40,700	100
103							9.7	171.2	39,100	103
105										105
110										110
115										115
117										117
120										120
125										125
129										129
130										130
135										135
140										140
142										142



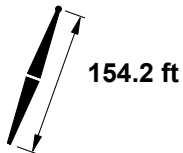
149,600 lb
+
60,400 lb



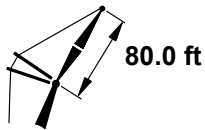
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
34										34
35										35
40										40
45										45
49										49
50										50
55										55
60										60
61										61
65										65
70										70
75										75
79	62.9	218.6	50,000 b							79
80	62.0	218.1	49,200 b							80
85	57.2	215.2	45,600 b							85
90	52.2	211.6	42,500							90
95	46.8	207.4	39,700							95
96	45.6	206.3	39,200							96
97	44.4	205.3	38,700	58.0	211.4	34,900 b				97
100	40.9	202.2	37,200	55.0	209.4	33,600 b				100
103	36.9	198.2	35,800	51.9	207.1	32,400 b				103
105	34.2	195.6	34,900	49.8	205.6	31,600				105
110	26.0	187.0	32,900	44.2	200.9	29,700				110
115	14.0	173.3	30,900	38.0	195.2	28,000	52.3	202.2	25,100	115
117	2.8	159.7	30,100	35.1	192.3	27,400	50.2	200.5	24,500	117
120				30.8	187.9	26,500	46.9	197.9	23,700	120
125				21.5	177.7	25,000	41.0	192.7	22,400	125
129				8.9	163.0	23,900	35.7	187.6	21,500	129
130							34.4	186.3	21,200	130
135							26.2	177.7	20,100	135
140							14.4	164.2	19,000	140
142							4.4	152.1	18,600	142



149,600 lb
+
60,400 lb

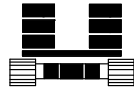


154.2 ft

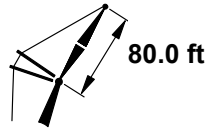
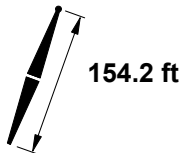


80.0 ft

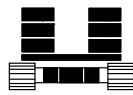
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
37	74.3	238.8	84,300 d							37
40	72.0	237.9	84,100 c							40
45	68.2	236.1	83,900 c							45
50	64.3	233.9	82,800 b							50
53	61.9	232.4	79,600 b	70.3	236.1	84,400 c				53
55	60.3	231.3	77,400 b	68.8	235.3	82,200 c				55
60	56.0	228.2	72,500	64.9	233.2	76,800 b				60
64	52.5	225.3	68,900	61.6	231.1	72,900 b	68.0	233.6	70,900 c	64
65	51.6	224.5	68,000	60.8	230.6	72,000 b	67.2	233.2	69,500 c	65
70	46.9	220.2	64,000	56.7	227.6	66,800	63.3	230.9	63,400 b	70
75	41.8	215.1	60,300	52.3	224.0	61,300	59.2	228.1	58,200 b	75
80	36.0	208.9	56,900	47.6	219.8	56,600	54.9	224.9	53,700	80
84	30.7	202.7	54,400	43.5	215.8	53,300	51.3	221.8	50,500	84
85	29.4	201.1	53,800	42.5	214.8	52,500	50.4	221.1	49,800	85
90	21.0	190.5	50,900	36.9	208.8	48,900	45.6	216.6	46,300	90
95	5.1	168.9	39,800	30.4	201.3	45,700	40.3	211.2	43,300	95
100				22.4	191.2	42,800	34.4	204.6	40,600	100
103				14.5	180.6	41,200	30.2	199.6	39,100	103
105				9.2	173.5	40,100	27.4	196.3	38,100	105
106				1.4	162.7	39,500	25.6	193.9	37,700	106
110							18.2	184.4	35,900	110
113							9.0	172.0	34,600	113
115										115
120										120
121										121
125										125
127										127
130										130
135										135
139										139
140										140
145										145
150										150
152										152



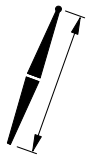
149,600 lb
+
60,400 lb

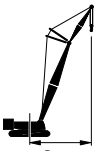
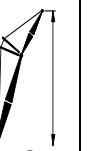
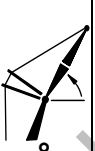


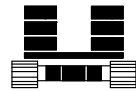
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
37										37
40										40
45										45
50										50
53										53
55										55
60										60
64										64
65										65
70										70
75										75
80										80
84	62.5	227.3	45,900 b							84
85	61.7	226.8	45,200 b							85
90	57.6	223.8	42,100							90
95	53.2	220.4	39,300							95
100	48.6	216.3	36,800							100
103	45.6	213.4	35,500	57.4	219.5	31,900				103
105	43.6	211.5	34,600	55.6	218.1	31,100				105
106	42.5	210.4	34,200	54.7	217.4	30,800				106
110	38.1	205.7	32,600	51.2	214.4	29,300				110
113	34.4	201.5	31,500	48.3	211.8	28,300				113
115	31.9	198.6	30,800	46.4	210.1	27,700				115
120	24.3	189.2	29,100	41.3	204.8	26,200				120
121	22.1	186.3	28,800	40.1	203.6	25,900	52.4	210.2	23,000	121
125	13.1	174.5	27,500	35.5	198.5	24,800	48.7	206.9	22,000	125
127	2.6	159.9	26,800	32.8	195.3	24,200	46.7	205.0	21,500	127
130				28.7	190.6	23,500	43.7	202.1	20,900	130
135				20.1	179.5	22,200	38.3	196.3	19,800	135
139				8.4	163.7	21,300	33.3	190.7	19,000	139
140							32.1	189.2	18,800	140
145							24.5	180.0	17,800	145
150							13.5	165.4	16,900	150
152							4.1	152.5	16,500	152



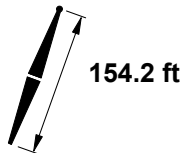
149,600 lb
+
60,400 lb



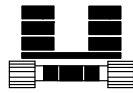
	 87°			 83°			 80°			
	 ft	 ft	 lb	 ft	 ft	 lb	 ft	 ft	 lb	 ft
39		74.7	248.7	77,100 d						39
40		74.1	248.4	77,000 c						40
45		70.7	246.8	76,700 c						45
50		67.3	244.9	76,300 b						50
55		63.8	242.6	74,600 b						55
56		63.1	242.1	73,800 b	70.5	245.6	77,100 c			56
60		60.2	240.0	70,800	67.8	244.1	74,700 b			60
65		56.5	236.9	66,600	64.3	241.9	70,200 b			65
68		54.1	234.7	64,300	62.2	240.3	67,700 b	67.8	242.8	68
70		52.6	233.3	62,800	60.8	239.3	66,000	66.4	241.9	70
75		48.5	229.2	59,300	57.0	236.3	61,200	62.9	239.6	75
80		44.1	224.4	56,200	53.2	232.8	56,400	59.3	236.8	80
85		39.3	218.8	53,100	49.1	228.7	52,300	55.5	233.6	85
88		36.1	214.8	51,500	46.4	225.9	50,200	53.1	231.4	88
90		33.9	212.1	50,400	44.7	224.0	48,700	51.5	229.9	90
95		27.7	203.7	47,900	40.0	218.6	45,600	47.3	225.6	95
100		19.8	192.3	45,500	34.7	212.0	42,700	42.8	220.6	100
105		4.8	169.4	35,700	28.7	203.9	40,200	37.9	214.7	105
108					24.1	197.4	38,800	34.6	210.5	108
110					21.1	193.1	37,800	32.4	207.6	110
115					8.7	174.3	35,600	25.8	198.6	115
116					1.3	162.8	35,100	24.1	196.1	116
120								17.1	185.9	120
123								8.5	172.7	123
125										125
127										127
130										130
135										135
137										137
140										140
145										145
149										149
150										150
155										155
160										160
162										162



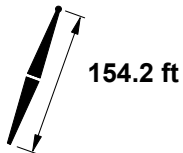
149,600 lb
+
60,400 lb



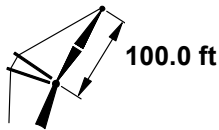
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
39										39
40										40
45										45
50										50
55										55
56										56
60										60
65										65
68										68
70										70
75										75
80										80
85										85
88	63.0	236.5	43,100 b							88
90	61.5	235.4	41,900							90
95	57.8	232.5	39,100							95
100	54.0	229.1	36,600							100
105	49.9	225.2	34,400							105
108	47.4	222.5	33,200	57.7	228.1	29,800				108
110	45.6	220.7	32,400	56.1	226.8	29,100				110
115	41.0	215.4	30,600	52.2	223.2	27,500				115
116	40.0	214.1	30,300	51.4	222.4	27,200				116
120	35.9	209.1	29,000	48.1	219.1	26,000				120
123	32.4	204.5	28,100	45.4	216.1	25,100				123
125	30.0	201.4	27,400	43.6	214.2	24,600				125
127	27.2	197.4	26,900	41.7	211.9	24,100	52.5	218.2	21,300	127
130	22.9	191.3	26,000	38.8	208.5	23,300	50.1	215.8	20,600	130
135	12.3	175.6	24,700	33.4	201.6	22,100	45.8	211.2	19,600	135
137	2.4	160.1	24,100	30.9	198.2	21,700	43.9	209.1	19,200	137
140				27.1	193.0	21,000	41.1	206.0	18,600	140
145				18.9	181.3	20,000	36.0	199.7	17,700	145
149				7.9	164.5	19,200	31.4	193.6	17,000	149
150							30.2	192.0	16,800	150
155							23.1	182.1	16,000	155
160							12.7	166.6	15,200	160
162							3.9	152.8	14,800	162



149,600 lb
+
60,400 lb

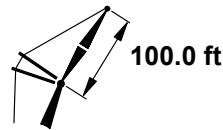
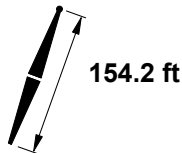


154.2 ft

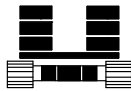


100.0 ft

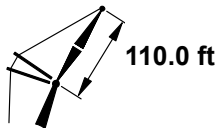
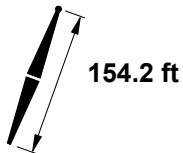
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
42	74.5	258.2	70,800 c							42
45	72.7	257.3	70,600 c							45
50	69.7	255.6	70,100 b							50
55	66.6	253.6	69,500 b							55
59	64.1	251.8	67,400 b	70.8	255.2	70,700 b				59
60	63.5	251.3	66,800	70.1	254.8	70,700 b				60
65	60.2	248.6	64,200	67.1	252.8	67,900 b				65
70	56.9	245.6	61,200	63.9	250.6	64,100				70
72	55.5	244.2	59,900	62.6	249.5	62,700	67.7	251.9	60,600 b	72
75	53.4	242.1	58,000	60.7	247.9	60,600	65.8	250.6	57,600 b	75
80	49.7	238.1	54,900	57.3	244.9	56,100	62.6	248.2	53,100	80
85	45.8	233.6	52,100	53.9	241.5	52,100	59.3	245.4	49,200	85
90	41.7	228.3	49,500	50.2	237.6	48,500	55.9	242.3	45,800	90
93	39.0	224.7	48,100	47.9	234.9	46,600	53.8	240.1	44,000	93
95	37.2	222.3	47,100	46.4	233.1	45,300	52.4	238.7	42,800	95
100	32.1	215.0	44,900	42.3	228.0	42,500	48.7	234.6	40,100	100
105	26.3	206.1	42,800	37.8	222.1	39,900	44.8	229.8	37,700	105
110	18.8	194.0	40,400	32.9	215.0	37,600	40.5	224.4	35,500	110
113	10.2	179.5	35,300	29.4	209.8	36,400	37.7	220.6	34,400	113
115	4.6	169.8	31,900	27.2	206.4	35,500	35.9	218.1	33,600	115
120				20.0	194.9	33,600	30.7	210.4	31,800	120
125				8.2	175.0	31,800	24.5	200.9	30,100	125
126				1.2	162.9	31,400	22.8	198.2	29,800	126
130							16.2	187.4	28,500	130
133							8.1	173.5	27,600	133
135										135
140										140
145										145
147										147
150										150
155										155
159										159
160										160
165										165
170										170
172										172



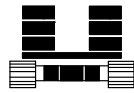
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
42										42
45										45
50										50
55										55
59										59
60										60
65										65
70										70
72										72
75										75
80										80
85										85
90										90
93	62.7	245.2	39,800							93
95	61.4	244.1	38,700							95
100	58.1	241.2	36,300							100
105	54.6	237.9	34,100							105
110	51.0	234.1	32,100							110
113	48.7	231.5	31,000	57.9	236.8	27,700				113
115	47.2	229.7	30,300	56.5	235.5	27,000				115
120	43.2	224.8	28,600	53.0	232.0	25,600				120
125	38.8	219.0	27,100	49.4	228.0	24,200				125
126	37.8	217.7	26,900	48.6	227.0	23,900				126
130	34.0	212.2	25,700	45.5	223.4	22,900				130
133	30.7	207.3	25,000	42.9	220.2	22,200	52.6	226.2	19,600	133
135	28.5	204.0	24,500	41.3	218.1	21,800	51.1	224.6	19,200	135
140	21.7	193.3	23,200	36.7	211.9	20,700	47.3	220.3	18,200	140
145	11.7	176.6	22,100	31.6	204.5	19,700	43.3	215.3	17,300	145
147	2.3	160.3	21,600	29.2	200.9	19,300	41.5	213.0	17,000	147
150				25.7	195.4	18,800	38.9	209.6	16,500	150
155				17.9	182.9	17,900	34.1	202.9	15,700	155
159				7.5	165.1	17,100	29.7	196.3	15,100	159
160							28.6	194.6	14,900	160
165							21.9	184.0	14,200	165
170							12.1	167.7	13,500	170
172							3.7	153.2	13,200	172



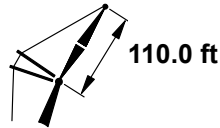
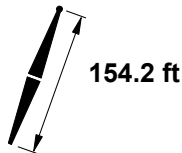
149,600 lb
+
60,400 lb



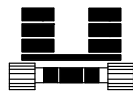
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	lb	ft	
44	74.9	268.0	65,400 c							44
45	74.3	267.8	65,300 c							45
50	71.6	266.2	64,900 b							50
55	68.9	264.4	64,400 b							55
60	66.0	262.4	62,400							60
62	64.9	261.4	61,600	70.9	264.7	64,900 b				62
65	63.2	260.0	60,400	69.3	263.6	64,900 b				65
70	60.2	257.3	58,500	66.4	261.6	62,200				70
75	57.1	254.2	56,500	63.6	259.2	58,900				75
76	56.5	253.6	55,900	63.0	258.7	58,300	67.6	261.1	56,600	76
80	54.0	250.8	53,700	60.6	256.6	55,900	65.3	259.4	53,000	80
85	50.7	247.0	51,000	57.6	253.6	52,000	62.4	256.9	49,200	85
90	47.2	242.6	48,600	54.4	250.2	48,400	59.4	254.1	45,800	90
95	43.6	237.7	46,300	51.2	246.4	45,300	56.3	251.0	42,800	95
98	41.2	234.3	45,000	49.1	243.9	43,600	54.4	248.8	41,200	98
100	39.7	232.0	44,100	47.7	242.2	42,500	53.1	247.4	40,100	100
105	35.4	225.5	42,100	44.1	237.3	39,900	49.8	243.4	37,700	105
110	30.6	217.8	40,200	40.2	231.8	37,600	46.3	239.0	35,500	110
115	25.0	208.3	38,200	36.0	225.4	35,600	42.6	233.9	33,600	115
119	19.3	198.2	36,600	32.3	219.4	34,100	39.4	229.2	32,100	119
120	17.9	195.6	36,200	31.3	217.9	33,700	38.6	228.0	31,800	120
125	4.3	170.2	29,200	25.9	208.7	31,900	34.2	221.2	30,100	125
130				19.1	196.6	30,300	29.2	213.1	28,600	130
135				7.8	175.7	28,800	23.3	203.0	27,200	135
136				1.2	163.0	28,400	21.8	200.2	26,900	136
139							17.0	191.6	26,200	139
140							15.5	188.8	25,900	140
143							7.7	174.2	25,100	143
145										145
150										150
155										155
157										157
160										160
165										165
169										169
170										170
175										175
180										180
182										182



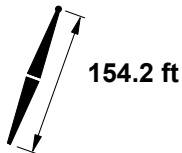
149,600 lb
+
60,400 lb



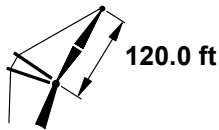
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
44										44
45										45
50										50
55										55
60										60
62										62
65										65
70										70
75										75
76										76
80										80
85										85
90										90
95										95
98	62.4	253.8	37,100							98
100	61.2	252.8	36,200							100
105	58.2	249.9	34,000							105
110	55.1	246.6	32,000							110
115	51.9	242.9	30,300							115
119	49.2	239.5	28,900	57.5	244.8	25,800				119
120	48.5	238.7	28,600	56.9	244.2	25,500				120
125	44.9	234.0	27,100	53.7	240.7	24,200				125
130	41.1	228.6	25,800	50.4	236.8	22,900				130
135	36.9	222.4	24,500	46.9	232.4	21,800				135
136	36.0	221.0	24,200	46.2	231.4	21,600				136
139	33.3	216.6	23,500	44.0	228.4	20,900	52.6	234.2	18,400	139
140	32.4	215.2	23,300	43.2	227.4	20,700	52.0	233.4	18,200	140
143	29.2	210.0	22,600	40.9	224.0	20,100	49.9	230.9	17,600	143
145	27.1	206.5	22,200	39.3	221.7	19,700	48.6	229.2	17,300	145
150	20.7	195.2	21,200	35.0	215.1	18,800	45.0	224.5	16,500	150
155	11.2	177.6	20,200	30.1	207.3	17,900	41.2	219.2	15,700	155
157	2.2	160.5	19,700	27.8	203.4	17,600	39.5	216.7	15,400	157
160				24.4	197.6	17,100	37.1	213.0	15,000	160
165				17.1	184.4	16,300	32.5	205.8	14,300	165
169				7.1	165.8	15,700	28.3	198.9	13,700	169
170							27.3	197.1	13,600	170
175							20.9	185.9	13,000	175
180							11.5	168.7	12,400	180
182							3.5	153.5	12,100	182



149,600 lb
+
60,400 lb

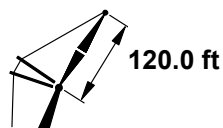
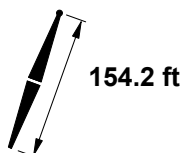
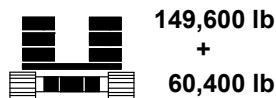


154.2 ft

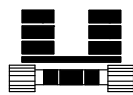


120.0 ft

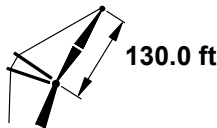
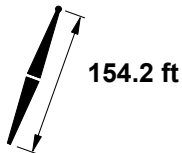
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
47	74.7	277.6	50,400 c							47
50	73.2	276.7	49,800 b							50
55	70.7	275.1	48,900 b							55
60	68.1	273.2	48,000							60
65	65.5	271.1	47,200							65
66	65.0	270.6	47,000	70.5	273.9	49,100 b				66
70	62.9	268.7	46,400	68.5	272.4	48,500				70
75	60.2	265.9	45,600	65.9	270.3	47,800				75
79	57.9	263.5	45,000	63.8	268.4	47,200	68.0	270.7	48,100	79
80	57.4	262.9	44,800	63.3	267.9	47,100	67.5	270.3	48,000	80
85	54.5	259.5	44,100	60.6	265.3	46,400	64.8	268.1	47,400	85
90	51.5	255.8	43,500	57.8	262.3	45,800	62.2	265.6	45,400	90
95	48.4	251.6	42,500	54.9	258.9	45,000	59.4	262.8	42,400	95
100	45.1	246.9	41,000	51.9	255.2	42,200	56.6	259.7	39,800	100
102	43.7	244.7	40,500	50.7	253.6	41,200	55.5	258.3	38,800	102
105	41.6	241.6	39,600	48.8	251.1	39,600	53.7	256.2	37,400	105
110	37.9	235.6	38,300	45.6	246.5	37,400	50.7	252.3	35,200	110
115	33.8	228.6	37,100	42.1	241.3	35,300	47.5	248.0	33,300	115
120	29.3	220.5	35,500	38.5	235.4	33,400	44.2	243.1	31,500	120
124	25.0	212.5	34,300	35.2	229.9	32,100	41.4	238.7	30,200	124
125	23.9	210.5	34,000	34.4	228.6	31,700	40.7	237.6	29,900	125
130	17.1	197.2	32,400	30.0	220.7	30,100	36.9	231.4	28,400	130
135	4.2	170.5	25,900	24.8	211.0	28,600	32.7	224.2	27,000	135
140				18.2	198.3	27,300	27.9	215.7	25,700	140
145				7.5	176.4	25,900	22.3	205.0	24,500	145
146				1.1	163.1	25,600	20.8	202.0	24,200	146
150							14.8	190.1	23,300	150
153							7.4	174.8	22,600	153
155										155
160										160
165										165
167										167
170										170
175										175
179										179
180										180
185										185
190										190
192										192



	75°			70°			65°		
	ft	ft	lb	ft	ft	lb	ft	ft	ft
47									47
50									50
55									55
60									60
65									65
66									66
70									70
75									75
79									79
80									80
85									85
90									90
95									95
100									100
102	62.8	263.0	34,900						102
105	61.1	261.4	33,600						105
110	58.4	258.5	31,700						110
115	55.5	255.3	29,900						115
120	52.6	251.6	28,300						120
124	50.1	248.4	27,100	57.7	253.5	24,000			124
125	49.5	247.6	26,800	57.1	252.9	23,800			125
130	46.3	243.1	25,400	54.2	249.5	22,500			130
135	42.9	238.0	24,200	51.2	245.7	21,400			135
140	39.3	232.3	23,000	48.1	241.4	20,300			140
145	35.3	225.7	21,900	44.8	236.7	19,400	52.7	242.2	16,900
146	34.4	224.2	21,700	44.1	235.6	19,200	52.0	241.4	16,700
150	30.9	218.0	20,900	41.3	231.3	18,400	49.6	238.1	16,000
153	27.9	212.5	20,300	39.0	227.7	17,900	47.7	235.4	15,600
155	25.9	208.8	19,900	37.5	225.2	17,600	46.4	233.6	15,300
160	19.8	196.9	19,000	33.4	218.2	16,800	43.0	228.6	14,600
165	10.7	178.6	18,200	28.8	209.9	16,000	39.4	222.9	13,900
167	2.1	160.7	17,800	26.6	205.8	15,700	37.8	220.2	13,600
170				23.4	199.7	15,300	35.4	216.3	13,300
175				16.4	185.9	14,600	31.1	208.7	12,700
179				6.8	166.4	14,000	27.1	201.3	12,200
180							26.1	199.5	12,100
185							20.0	187.7	11,500
190							11.0	169.7	11,000
192							3.3	153.8	10,700



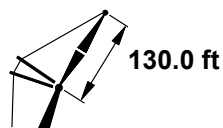
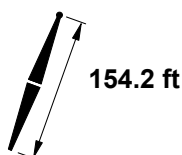
149,600 lb
+
60,400 lb



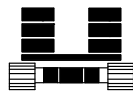
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
49	75.0	287.4	47,100 b							49
50	74.5	287.1	46,900 b							50
55	72.2	285.6	46,100 b							55
60	69.9	283.9	45,300							60
65	67.5	282.0	44,500							65
69	65.6	280.2	44,000	70.7	283.4	45,700				69
70	65.1	279.8	43,800	70.2	283.1	45,600				70
75	62.7	277.3	43,100	67.9	281.2	45,000				75
80	60.2	274.6	42,500	65.5	279.0	44,300				80
83	58.6	272.8	42,100	64.0	277.6	44,000	67.9	279.8	44,600	83
85	57.6	271.6	41,800	63.0	276.6	43,700	66.9	279.0	44,400	85
90	54.9	268.2	40,400	60.5	273.9	43,100	64.5	276.8	43,900	90
95	52.2	264.6	39,000	58.0	270.9	42,400	62.0	274.2	42,200	95
100	49.4	260.5	37,600	55.3	267.6	41,000	59.5	271.4	39,500	100
105	46.4	256.0	36,300	52.6	264.0	39,400	56.9	268.3	37,100	105
107	45.1	253.9	35,800	51.5	262.4	38,500	55.8	267.0	36,300	107
110	43.3	250.9	35,100	49.8	260.0	37,200	54.2	264.9	35,000	110
115	39.9	245.3	33,900	46.8	255.5	35,100	51.5	261.1	33,000	115
120	36.4	238.9	32,800	43.7	250.6	33,200	48.6	256.9	31,300	120
125	32.5	231.6	31,700	40.4	245.0	31,500	45.6	252.3	29,600	125
129	29.0	224.8	30,900	37.6	240.0	30,300	43.0	248.1	28,500	129
130	28.1	223.1	30,800	36.9	238.8	30,000	42.4	247.1	28,200	130
135	23.0	212.6	29,900	33.0	231.6	28,500	39.0	241.3	26,800	135
140	16.4	198.6	29,300	28.8	223.3	27,200	35.4	234.7	25,500	140
145	4.0	170.9	23,600	23.8	213.1	25,900	31.4	227.1	24,300	145
150				17.5	199.9	24,700	26.8	218.1	23,200	150
151				15.4	195.3	24,500	25.8	215.9	23,000	151
155				7.2	177.0	23,600	21.4	206.9	22,200	155
156				1.1	163.2	23,300	20.0	203.8	22,000	156
160							14.2	191.4	21,200	160
163							7.1	175.4	20,600	163
165										165
170										170
175										175
177										177
180										180
185										185
189										189
190										190
195										195
200										200
202										202



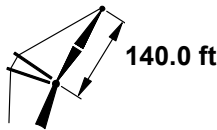
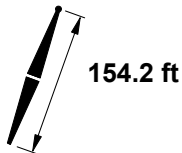
149,600 lb
+
60,400 lb



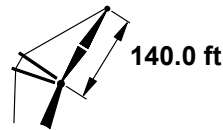
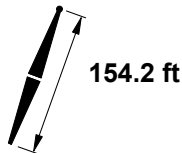
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
49										49
50										50
55										55
60										60
65										65
69										69
70										70
75										75
80										80
83										83
85										85
90										90
95										95
100										100
105										105
107	62.6	271.7	32,600							107
110	61.1	270.1	31,400							110
115	58.5	267.2	29,600							115
120	55.9	264.0	28,000							120
125	53.2	260.4	26,500							125
129	50.9	257.2	25,500	57.9	262.2	22,500				129
130	50.4	256.5	25,200	57.3	261.6	22,300				130
135	47.4	252.1	23,900	54.7	258.2	21,100				135
140	44.4	247.3	22,800	51.9	254.5	20,100				140
145	41.1	241.8	21,700	49.1	250.3	19,100				145
150	37.7	235.8	20,700	46.1	245.8	18,200				150
151	36.9	234.4	20,500	45.5	244.7	18,000	52.7	250.2	15,600	151
155	33.9	228.8	19,800	43.0	240.7	17,400	50.4	247.0	15,000	155
156	33.1	227.2	19,600	42.3	239.5	17,200	49.9	246.1	14,900	156
160	29.7	220.7	18,900	39.6	235.0	16,600	47.5	242.6	14,300	160
163	26.8	214.9	18,400	37.5	231.1	16,100	45.7	239.7	13,900	163
165	24.9	211.1	18,000	36.0	228.5	15,800	44.5	237.8	13,700	165
170	19.0	198.7	17,200	32.1	221.1	15,100	41.2	232.4	13,000	170
175	10.3	179.5	16,500	27.7	212.4	14,500	37.8	226.4	12,400	175
177	2.0	160.9	16,100	25.6	208.2	14,200	36.2	223.6	12,200	177
180				22.5	201.7	13,800	34.0	219.4	11,900	180
185				15.7	187.3	13,200	29.8	211.4	11,300	185
189				6.6	167.0	12,700	26.0	203.7	10,900	189
190							25.0	201.8	10,800	190
195							19.2	189.4	10,300	195
200							10.6	170.6	9,800	200
202							3.2	154.1	9,600	202



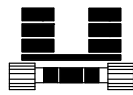
149,600 lb
+
60,400 lb



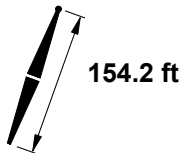
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
52	74.8	296.9	43,700 b							52
55	73.5	296.1	43,200 b							55
60	71.4	294.5	42,500							60
65	69.2	292.7	41,800							65
70	67.0	290.7	41,200							70
72	66.1	289.8	40,900	70.8	293.0	42,400				72
75	64.8	288.5	40,500	69.5	291.9	42,000				75
80	62.5	286.0	39,700	67.3	289.9	41,400				80
85	60.2	283.3	38,200	65.1	287.7	40,900				85
87	59.2	282.1	37,700	64.2	286.7	40,600	67.8	289.0	41,300	87
90	57.8	280.3	36,800	62.8	285.3	40,100	66.4	287.7	41,000	90
95	55.3	277.0	35,500	60.5	282.6	38,700	64.2	285.4	40,500	95
100	52.8	273.3	34,200	58.1	279.6	37,300	61.9	282.9	39,200	100
105	50.2	269.3	32,800	55.7	276.3	36,000	59.5	280.1	36,800	105
110	47.4	265.0	31,600	53.1	272.8	34,600	57.1	277.0	34,700	110
111	46.9	264.0	31,400	52.6	272.0	34,300	56.6	276.3	34,300	111
115	44.6	260.1	30,400	50.5	268.8	33,300	54.6	273.6	32,700	115
120	41.6	254.8	29,300	47.8	264.5	32,100	52.1	269.9	31,000	120
125	38.4	248.8	28,100	45.0	259.8	30,900	49.5	265.8	29,300	125
130	35.0	242.1	27,100	42.0	254.5	29,700	46.7	261.3	27,800	130
135	31.3	234.5	26,200	38.9	248.6	28,200	43.8	256.4	26,500	135
140	27.1	225.5	25,200	35.5	242.0	26,900	40.8	250.9	25,200	140
145	22.1	214.6	24,500	31.8	234.5	25,600	37.5	244.7	24,000	145
150	15.8	200.0	23,800	27.7	225.8	24,500	34.0	237.8	22,900	150
155	3.8	171.2	21,300	22.9	215.2	23,400	30.2	229.8	21,900	155
157				20.5	209.7	23,000	28.4	226.1	21,500	157
160				16.9	201.4	22,400	25.8	220.4	20,900	160
165				6.9	177.6	21,300	20.6	208.8	20,000	165
166				1.0	163.3	21,100	19.3	205.6	19,900	166
170							13.7	192.6	19,200	170
173							6.8	176.1	18,600	173
175										175
180										180
185										185
187										187
190										190
195										195
199										199
200										200
205										205
210										210
212										212



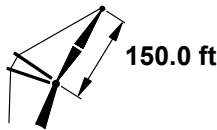
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
52										52
55										55
60										60
65										65
70										70
72										72
75										75
80										80
85										85
87										87
90										90
95										95
100										100
105										105
110										110
111	62.8	280.9	30,700							111
115	61.0	278.8	29,300							115
120	58.6	275.8	27,600							120
125	56.2	272.6	26,200							125
130	53.7	269.1	24,800							130
135	51.1	265.3	23,600	57.5	270.2	20,700				135
140	48.4	261.1	22,400	55.1	266.9	19,700				140
145	45.6	256.4	21,400	52.5	263.2	18,700				145
150	42.7	251.2	20,400	49.9	259.2	17,800				150
155	39.6	245.5	19,400	47.2	254.8	17,000				155
157	38.2	242.9	19,100	46.0	252.8	16,700	52.7	258.2	14,300	157
160	36.2	239.1	18,600	44.3	249.9	16,200	51.2	255.8	13,900	160
165	32.6	231.8	17,700	41.3	244.5	15,500	48.5	251.6	13,300	165
166	31.8	230.1	17,600	40.7	243.3	15,300	47.9	250.7	13,100	166
170	28.6	223.3	17,000	38.1	238.5	14,800	45.7	247.0	12,600	170
173	25.8	217.3	16,500	36.0	234.4	14,400	43.9	243.9	12,300	173
175	24.0	213.2	16,200	34.7	231.7	14,100	42.8	241.8	12,100	175
180	18.3	200.3	15,500	30.9	224.0	13,500	39.7	236.1	11,500	180
185	9.9	180.4	14,800	26.6	214.9	12,900	36.3	229.7	11,000	185
187	1.9	161.1	14,500	24.6	210.4	12,700	34.9	226.8	10,800	187
190				21.6	203.7	12,300	32.7	222.4	10,500	190
195				15.1	188.6	11,800	28.7	214.0	10,000	195
199				6.3	167.5	11,300	25.0	206.0	9,600	199
200							24.1	203.9	9,500	200
205							18.5	191.1	9,100	205
210							10.2	171.5	8,600	210
212							3.1	154.3	8,400	212



149,600 lb
+
60,400 lb

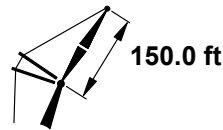
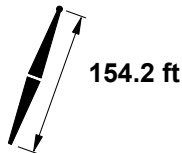


154.2 ft

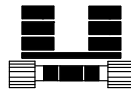


150.0 ft

	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
55	74.7	306.5	40,500 b							55
60	72.7	305.0	39,900							60
65	70.7	303.4	39,100							65
70	68.6	301.5	38,600							70
75	66.6	299.5	37,900	70.9	302.5	39,300				75
80	64.5	297.2	36,500	68.9	300.7	38,800				80
85	62.3	294.7	35,200	66.9	298.7	38,200				85
90	60.1	291.9	33,800	64.8	296.4	36,900				90
91	59.7	291.3	33,600	64.3	295.9	36,600	67.7	298.2	38,000	91
95	57.9	288.9	32,500	62.6	293.9	35,500	66.0	296.5	37,500	95
100	55.6	285.6	31,200	60.5	291.2	34,200	63.9	294.1	36,200	100
105	53.3	282.1	29,900	58.2	288.3	32,900	61.7	291.6	34,900	105
110	50.9	278.2	28,700	56.0	285.0	31,600	59.6	288.8	33,600	110
115	48.4	273.9	27,500	53.6	281.5	30,300	57.3	285.7	32,400	115
116	47.8	273.0	27,300	53.1	280.7	30,100	56.9	285.0	32,100	116
120	45.7	269.3	26,500	51.2	277.7	29,200	55.0	282.3	30,900	120
125	43.0	264.2	25,300	48.7	273.5	28,000	52.7	278.7	29,200	125
130	40.1	258.5	24,300	46.1	268.9	26,800	50.2	274.7	27,800	130
135	37.1	252.3	23,300	43.4	263.8	25,700	47.7	270.3	26,400	135
140	33.8	245.2	22,400	40.6	258.3	24,700	45.0	265.6	25,100	140
145	30.2	237.2	21,500	37.5	252.1	23,600	42.3	260.3	24,000	145
150	26.1	227.9	20,700	34.3	245.2	22,700	39.3	254.5	22,900	150
155	21.4	216.5	19,900	30.7	237.3	21,800	36.2	248.1	21,900	155
160	15.3	201.4	19,200	26.7	228.2	21,000	32.9	240.8	20,900	160
163	8.3	183.5	19,000	23.9	221.6	20,500	30.6	235.8	20,400	163
165	3.7	171.5	18,900	22.1	217.2	20,200	29.1	232.5	20,000	165
170				16.3	202.8	19,500	24.9	222.7	19,200	170
175				6.7	178.2	19,000	19.9	210.6	18,300	175
176				1.0	163.4	19,000	18.6	207.2	18,200	176
180							13.2	193.8	17,600	180
183							6.6	176.6	17,100	183
185										185
190										190
195										195
197										197
200										200
205										205
209										209
210										210
215										215
220										220
222										222



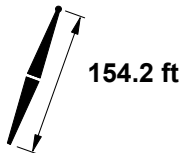
	75°			70°			65°		
	ft	ft	lb	ft	ft	lb	ft	ft	ft
55									55
60									60
65									65
70									70
75									75
80									80
85									85
90									90
91									91
95									95
100									100
105									105
110									110
115									115
116	62.7	289.6	28,800						116
120	60.9	287.4	27,500						120
125	58.7	284.5	26,100						125
130	56.4	281.3	24,700						130
135	54.1	277.9	23,500						135
140	51.7	274.1	22,300	57.7	278.9	19,600			140
145	49.3	270.0	21,300	55.4	275.6	18,600			145
150	46.7	265.5	20,300	53.1	272.0	17,700			150
155	44.0	260.5	19,400	50.6	268.1	16,900			155
160	41.2	255.1	18,500	48.1	263.8	16,100			160
163	39.4	251.5	18,000	46.5	261.0	15,700	52.8	266.2	13,400
165	38.2	249.0	17,700	45.5	259.1	15,400	51.8	264.6	13,200
170	35.0	242.3	16,900	42.8	253.9	14,700	49.3	260.5	12,600
175	31.5	234.7	16,200	39.9	248.2	14,100	46.7	256.0	12,000
176	30.7	232.9	16,100	39.2	247.0	13,900	46.2	255.0	11,900
180	27.6	225.9	15,500	36.8	241.9	13,400	44.1	251.1	11,400
183	24.9	219.5	15,100	34.8	237.6	13,100	42.4	247.8	11,100
185	23.2	215.3	14,900	33.5	234.8	12,900	41.2	245.7	10,900
190	17.7	201.9	14,200	29.8	226.7	12,300	38.3	239.6	10,400
195	9.6	181.2	13,600	25.7	217.2	11,800	35.1	232.9	9,900
197	1.9	161.3	13,300	23.8	212.5	11,600	33.7	229.9	9,800
200				20.9	205.6	11,300	31.6	225.3	9,500
205				14.6	189.9	10,800	27.7	216.5	9,100
209				6.1	168.1	10,400	24.2	208.1	8,700
210							23.3	206.0	8,700
215							17.8	192.7	8,300
220							9.8	172.4	7,800
222							3.0	154.6	7,600



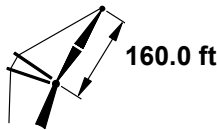
149,600 lb
+
60,400 lb



360°

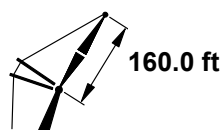
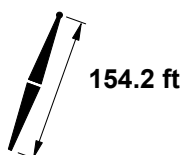
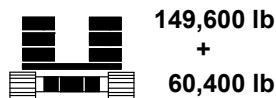


154.2 ft

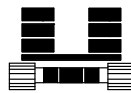


160.0 ft

	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
57	74.9	316.3	37,500							57
60	73.8	315.5	37,100							60
65	71.9	313.9	36,500							65
70	70.0	312.2	35,900							70
75	68.1	310.3	34,600							75
79	66.5	308.6	33,600	70.7	311.7	36,000				79
80	66.2	308.2	33,300	70.3	311.4	35,900				80
85	64.2	305.9	32,000	68.4	309.5	34,800				85
90	62.2	303.3	30,700	66.4	307.4	33,600				90
94	60.5	301.1	29,600	64.9	305.6	32,500	68.0	307.8	34,300	94
95	60.1	300.6	29,400	64.5	305.1	32,300	67.6	307.3	34,100	95
100	58.0	297.6	28,100	62.5	302.6	31,000	65.6	305.2	32,900	100
105	55.9	294.3	26,900	60.4	299.9	29,800	63.7	302.8	31,600	105
110	53.7	290.8	25,700	58.3	296.9	28,500	61.6	300.2	30,400	110
115	51.5	287.0	24,500	56.2	293.7	27,300	59.6	297.4	29,200	115
120	49.1	282.8	23,400	54.0	290.2	26,100	57.5	294.4	28,000	120
125	46.7	278.3	22,400	51.8	286.5	24,900	55.3	291.0	26,800	125
130	44.2	273.4	21,400	49.5	282.4	23,800	53.1	287.4	25,700	130
135	41.6	268.0	20,300	47.1	277.9	22,700	50.9	283.5	24,500	135
140	38.8	262.1	19,400	44.6	273.0	21,700	48.5	279.3	23,400	140
145	35.9	255.6	18,500	42.0	267.7	20,700	46.1	274.7	22,400	145
150	32.7	248.2	17,700	39.2	261.9	19,700	43.5	269.6	21,300	150
155	29.2	239.9	16,900	36.3	255.4	18,800	40.9	264.1	20,400	155
160	25.3	230.2	16,100	33.1	248.2	17,900	38.0	258.0	19,400	160
165	20.7	218.4	15,400	29.7	240.0	17,100	35.0	251.3	18,500	165
169	16.0	205.9	14,900	26.6	232.4	16,500	32.4	245.2	17,900	169
170	14.8	202.7	14,700	25.9	230.5	16,300	31.8	243.7	17,700	170
175	3.6	171.9	13,900	21.4	219.1	15,600	28.2	235.0	16,900	175
180				15.8	204.2	14,900	24.1	224.9	16,100	180
185				6.5	178.8	14,100	19.3	212.3	15,400	185
186				1.0	163.5	13,900	18.0	208.8	15,300	186
190							12.8	194.9	14,700	190
193							6.4	177.2	14,100	193
195										195
200										200
205										205
207										207
210										210
215										215
219										219
220										220
225										225
230										230
232										232



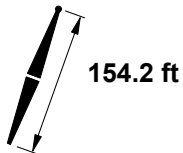
	75°			70°			65°		
	ft	ft	lb	ft	lb	ft	lb	ft	ft
57									57
60									60
65									65
70									70
75									75
79									79
80									80
85									85
90									90
94									94
95									95
100									100
105									105
110									110
115									115
120	62.9	298.8	27,200						120
125	60.9	296.1	25,700						125
130	58.8	293.2	24,400						130
135	56.7	290.0	23,100						135
140	54.5	286.6	22,000						140
145	52.3	282.9	20,900	57.9	287.6	18,200			145
150	50.0	278.8	19,900	55.7	284.3	17,400			150
155	47.6	274.5	19,000	53.5	280.7	16,500			155
160	45.1	269.7	18,200	51.3	276.9	15,800			160
165	42.5	264.5	17,400	48.9	272.7	15,000			165
169	40.3	259.9	16,700	47.0	269.1	14,500	52.8	274.2	12,300
170	39.8	258.8	16,600	46.5	268.2	14,300	52.3	273.4	12,200
175	36.9	252.4	15,900	44.0	263.2	13,700	50.0	269.4	11,600
180	33.8	245.4	15,200	41.3	257.8	13,100	47.6	265.0	11,000
185	30.5	237.4	14,600	38.5	251.8	12,500	45.2	260.3	10,500
186	29.7	235.6	14,400	37.9	250.5	12,400	44.7	259.2	10,400
190	26.7	228.3	14,000	35.6	245.2	12,000	42.6	255.1	10,000
193	24.1	221.7	13,600	33.6	240.7	11,700	41.0	251.6	9,800
195	22.4	217.3	13,400	32.4	237.7	11,500	39.9	249.3	9,600
200	17.1	203.4	12,800	28.8	229.3	11,000	37.0	243.0	9,100
205	9.3	182.1	12,200	24.9	219.4	10,500	33.9	236.0	8,700
207	1.8	161.4	12,000	23.0	214.6	10,300	32.6	232.8	8,500
210				20.2	207.4	10,000	30.6	228.1	8,200
215				14.2	191.2	9,600	26.8	218.9	7,800
219				5.9	168.6	9,200	23.4	210.2	7,500
220							22.5	208.1	7,400
225							17.3	194.2	7,000
230							9.5	173.2	6,600
232							2.9	154.9	6,400



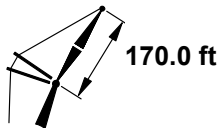
149,600 lb
+
60,400 lb



360°



154.2 ft

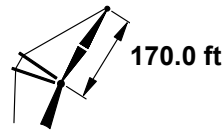
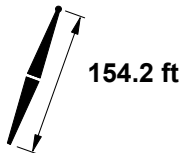


170.0 ft

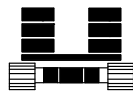
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
60	74.8	325.9	34,600							60
65	73.0	324.4	34,000							65
70	71.2	322.8	33,200							70
75	69.5	321.0	31,900							75
80	67.6	319.1	30,600							80
82	66.9	318.2	30,100	70.8	321.3	32,700				82
85	65.8	316.9	29,400	69.7	320.2	32,000				85
90	63.9	314.6	28,100	67.9	318.2	30,800				90
95	62.1	312.0	26,900	66.1	316.1	29,600				95
98	60.9	310.3	26,200	64.9	314.7	28,900	67.9	316.9	30,600	98
100	60.1	309.2	25,700	64.2	313.8	28,400	67.2	316.1	30,100	100
105	58.2	306.3	24,500	62.3	311.3	27,200	65.3	313.9	29,000	105
110	56.2	303.0	23,400	60.4	308.6	26,000	63.4	311.5	27,800	110
115	54.1	299.5	22,200	58.4	305.6	24,800	61.5	308.9	26,700	115
120	52.0	295.8	21,200	56.4	302.4	23,700	59.6	306.1	25,500	120
125	49.8	291.7	20,100	54.4	299.0	22,600	57.6	303.0	24,400	125
130	47.6	287.3	19,200	52.3	295.2	21,500	55.6	299.7	23,300	130
135	45.3	282.6	18,200	50.1	291.2	20,400	53.6	296.2	22,200	135
140	42.8	277.4	17,300	47.9	286.9	19,500	51.4	292.3	21,100	140
145	40.3	271.8	16,400	45.6	282.2	18,500	49.2	288.2	20,100	145
150	37.6	265.6	15,600	43.2	277.1	17,500	47.0	283.7	19,100	150
155	34.8	258.7	14,800	40.7	271.5	16,700	44.6	278.8	18,200	155
160	31.7	251.1	14,000	38.0	265.4	15,800	42.2	273.5	17,200	160
165	28.3	242.4	13,100	35.2	258.7	15,000	39.6	267.8	16,400	165
170	24.5	232.4	12,200	32.1	251.1	14,200	36.9	261.4	15,600	170
175	20.1	220.2	11,400	28.8	242.6	13,400	34.0	254.4	14,800	175
180	14.4	204.0	10,600	25.1	232.8	12,400	30.8	246.5	13,900	180
185	3.5	172.2	10,000	20.8	221.0	11,500	27.3	237.5	13,000	185
190				15.3	205.6	10,800	23.4	227.0	12,100	190
195				6.3	179.4	10,100	18.7	214.0	11,300	195
196				0.9	163.5	10,000	17.5	210.4	11,200	196
200							12.4	196.1	10,500	200
203							6.2	177.8	10,100	203
205										205
210										210
215										215
217										217
220										220
225										225
229										229
230										230
235										235
240										240
242										242



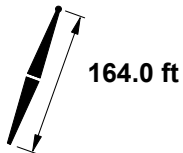
149,600 lb
+
60,400 lb



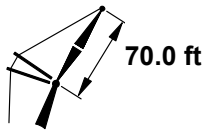
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
60										60
65										65
70										70
75										75
80										80
82										82
85										85
90										90
95										95
98										98
100										100
105										105
110										110
115										115
120										120
125	62.7	307.4	25,400							125
130	60.8	304.7	24,100							130
135	58.9	301.8	22,900							135
140	56.9	298.7	21,700							140
145	54.8	295.3	20,700							145
150	52.7	291.6	19,700	58.0	296.2	17,100				150
155	50.6	287.7	18,800	56.0	293.0	16,300				155
160	48.4	283.4	17,900	53.9	289.5	15,500				160
165	46.1	278.8	17,100	51.8	285.7	14,800				165
170	43.7	273.8	16,400	49.6	281.6	14,100				170
175	41.2	268.3	15,700	47.4	277.2	13,500	52.8	282.2	11,300	175
180	38.6	262.3	15,000	45.0	272.4	12,800	50.7	278.2	10,800	180
185	35.8	255.7	14,300	42.6	267.2	12,300	48.4	274.0	10,200	185
190	32.8	248.4	13,700	40.0	261.5	11,700	46.1	269.3	9,700	190
195	29.5	240.1	13,200	37.4	255.2	11,200	43.8	264.3	9,200	195
196	28.8	238.2	13,100	36.8	253.8	11,100	43.3	263.2	9,100	196
200	25.9	230.6	12,600	34.5	248.3	10,700	41.3	258.9	8,800	200
203	23.4	223.8	12,200	32.6	243.7	10,500	39.7	255.3	8,500	203
205	21.7	219.3	11,900	31.4	240.6	10,300	38.6	252.9	8,300	205
210	16.6	204.9	11,100	28.0	231.8	9,800	35.9	246.3	7,900	210
215	9.0	182.8	10,300	24.1	221.6	9,400	32.9	239.0	7,500	215
217	1.8	161.6	10,100	22.3	216.6	9,200	31.6	235.7	7,300	217
220				19.6	209.1	9,000	29.6	230.8	7,100	220
225				13.7	192.4	8,600	26.0	221.3	6,700	225
229				5.7	169.1	8,200	22.7	212.3	6,400	229
230							21.8	210.0	6,300	230
235							16.7	195.7	6,000	235
240							9.2	174.1	5,600	240
242							2.8	155.1	5,400	242



149,600 lb
+
60,400 lb

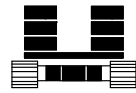


164.0 ft

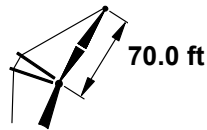
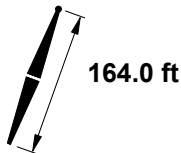


70.0 ft

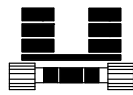
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
34	75.0	239.3	88,300 d							34
35	74.1	239.0	88,200 d							35
40	69.8	237.4	88,100 c							40
45	65.4	235.3	87,900 c							45
50	60.8	232.8	82,500 b							50
51	59.8	232.1	81,400 b	70.1	236.4	87,500 d				51
55	56.0	229.7	77,100 b	66.6	234.8	82,800 c				55
60	50.9	226.0	72,200	62.1	232.4	77,300 b				60
62	48.7	224.2	70,300	60.2	231.2	75,300 b	67.9	234.0	73,300 c	62
65	45.4	221.5	67,600	57.3	229.4	72,200 b	65.3	232.7	69,000 c	65
70	39.3	216.0	63,500	52.3	225.9	66,600 b	60.7	230.2	62,900 b	70
75	32.3	209.1	59,900	47.0	221.7	61,100	55.8	227.1	57,700 b	75
80	23.6	199.6	56,400	41.1	216.5	56,400	50.7	223.3	53,300	80
82	17.7	192.7	52,900	38.4	213.9	54,700	48.5	221.5	51,700	82
85	8.8	182.4	47,500	34.4	210.0	52,300	45.2	218.8	49,400	85
90				26.3	201.5	48,600	39.1	213.3	46,000	90
95				14.5	188.0	45,400	32.1	206.3	43,000	95
97				4.6	176.1	44,100	28.6	202.5	41,900	97
100							23.3	196.8	40,200	100
101							20.2	193.2	39,700	101
105							8.1	179.0	37,700	105
110										110
115										115
119										119
120										120
125										125
130										130
133										133
135										135
140										140
145										145
146										146



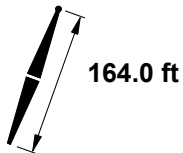
149,600 lb
+
60,400 lb



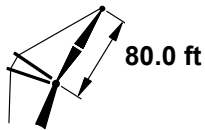
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
34										34
35										35
40										40
45										45
50										50
51										51
55										55
60										60
62										62
65										65
70										70
75										75
80										80
82	62.5	227.9	46,700 b							82
85	59.7	226.2	44,600 b							85
90	54.8	223.0	41,500 b							90
95	49.6	219.1	38,800							95
97	47.4	217.3	37,800							97
100	44.0	214.4	36,300							100
101	42.7	213.3	35,900	57.3	220.3	32,000 b				101
105	37.7	208.7	34,100	53.4	217.5	30,500 b				105
110	30.4	201.3	32,100	48.1	213.4	28,700				110
115	21.0	190.9	30,300	42.3	208.5	27,100				115
119	7.7	175.2	28,800	37.1	203.5	25,900	52.5	211.2	22,800 b	119
120				35.8	202.3	25,600	51.4	210.4	22,500	120
125				28.0	194.3	24,200	46.0	206.0	21,300	125
130				17.4	182.3	22,900	40.0	200.7	20,200	130
133				4.5	166.9	22,000	35.9	196.6	19,500	133
135							33.1	193.9	19,100	135
140							24.6	184.9	18,100	140
145							11.3	169.4	17,100	145
146							5.9	162.8	16,900	146



149,600 lb
+
60,400 lb

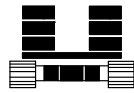


164.0 ft

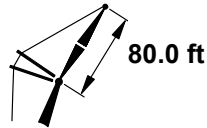
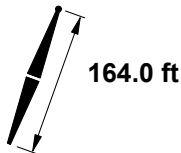


80.0 ft

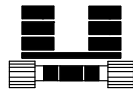
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
37	74.7	248.8	81,500 d							37
40	72.4	247.9	81,400 d							40
45	68.6	246.2	81,100 c							45
50	64.7	244.0	80,000 b							50
54	61.5	241.9	75,900 b	70.4	245.9	81,200 c				54
55	60.7	241.4	74,900 b	69.7	245.5	80,100 c				55
60	56.5	238.4	70,300	65.8	243.5	75,000 b				60
65	52.1	234.8	66,100	61.8	241.0	70,400 b				65
66	51.1	233.9	65,400	61.0	240.4	69,500 b	67.7	243.2	67,300 c	66
70	47.4	230.5	62,300	57.7	238.1	66,100	64.6	241.4	62,600 b	70
75	42.3	225.5	58,800	53.3	234.7	60,800	60.6	238.8	57,400 b	75
80	36.7	219.4	55,600	48.7	230.6	56,100	56.4	235.7	53,000	80
85	30.2	211.9	52,600	43.8	225.8	52,100	52.0	232.1	49,100	85
86	28.5	209.8	52,000	42.7	224.7	51,300	51.0	231.3	48,400	86
90	22.0	201.6	49,800	38.3	220.1	48,500	47.3	227.9	45,700	90
95	8.3	183.2	42,000	32.1	213.0	45,300	42.2	222.8	42,700	95
100				24.5	203.7	42,400	36.5	216.7	40,000	100
105				13.5	189.2	39,800	30.0	209.1	37,600	105
106				8.9	182.9	39,300	28.3	207.0	37,200	106
107				4.3	176.5	38,700	26.7	205.0	36,700	107
110							21.8	198.8	35,400	110
115							7.6	179.7	33,300	115
120										120
125										125
129										129
130										130
135										135
140										140
143										143
145										145
150										150
155										155
156										156



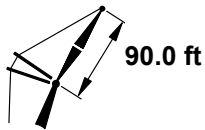
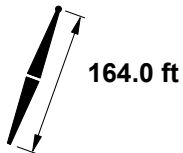
149,600 lb
+
60,400 lb



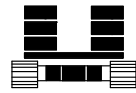
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
37										37
40										40
45										45
50										50
54										54
55										55
60										60
65										65
66										66
70										70
75										75
80										80
85										85
86	63.0	237.1	43,500 b							86
90	59.7	234.9	41,100 b							90
95	55.5	231.7	38,400							95
100	51.0	228.0	36,000							100
105	46.2	223.6	33,800							105
106	45.2	222.5	33,400	57.7	229.0	29,700				106
107	44.1	221.5	33,000	56.8	228.3	29,300				107
110	41.0	218.3	31,800	54.2	226.2	28,300				110
115	35.2	212.0	30,100	49.7	222.3	26,700				115
120	28.4	203.9	28,400	44.8	217.7	25,200				120
125	19.6	192.7	26,900	39.4	212.2	23,900	52.6	219.2	20,900	125
129	7.2	175.8	25,700	34.6	206.7	22,900	48.8	215.9	20,000	129
130				33.4	205.4	22,600	47.9	215.0	19,800	130
135				26.2	196.7	21,500	42.9	210.1	18,800	135
140				16.3	183.8	20,300	37.3	204.2	17,800	140
143				4.2	167.2	19,600	33.5	199.7	17,300	143
145							30.9	196.8	16,900	145
150							23.0	187.0	16,100	150
155							10.6	170.4	15,200	155
156							5.5	163.3	15,000	156



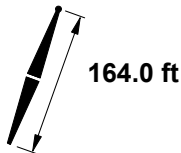
149,600 lb
+
60,400 lb



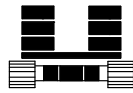
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
40	74.4	258.4	74,600 d							40
45	71.1	256.8	74,300 c							45
50	67.7	254.9	74,000 b							50
55	64.2	252.7	72,900 b							55
57	62.8	251.6	71,200 b	70.7	255.4	74,600 c				57
60	60.6	250.1	68,600	68.6	254.3	72,800 b				60
65	56.9	247.1	64,700	65.2	252.2	68,600 b				65
70	53.0	243.5	61,100	61.6	249.7	64,600	67.6	252.3	62,300 b	70
75	48.9	239.5	57,800	57.9	246.8	60,700	64.1	250.1	57,200 b	75
80	44.5	234.8	54,700	54.1	243.4	56,000	60.5	247.5	52,800	80
85	39.8	229.3	51,900	50.1	239.5	51,900	56.8	244.4	48,900	85
90	34.5	222.6	49,300	45.8	235.0	48,300	52.9	240.9	45,500	90
91	33.3	221.0	48,800	44.8	233.9	47,700	52.1	240.1	44,900	91
95	28.4	214.5	46,900	41.1	229.7	45,200	48.8	236.8	42,500	95
100	20.7	203.5	44,500	36.0	223.5	42,400	44.4	232.1	39,900	100
105	7.8	183.9	37,500	30.2	215.8	39,800	39.6	226.6	37,500	105
110				23.1	205.8	37,500	34.4	219.9	35,300	110
111				21.0	202.8	37,100	33.1	218.3	34,900	111
115				12.8	190.4	35,400	28.2	211.7	33,400	115
117				4.0	176.8	34,500	25.1	207.3	32,600	117
120							20.5	200.6	31,500	120
125							7.1	180.3	29,800	125
130										130
131										131
135										135
139										139
140										140
145										145
150										150
153										153
155										155
160										160
165										165
166										166



149,600 lb
+
60,400 lb



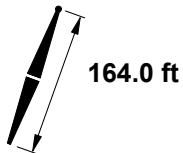
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
40										40
45										45
50										50
55										55
57										57
60										60
65										65
70										70
75										75
80										80
85										85
90										90
91	62.6	245.8	40,300 lb							91
95	59.7	243.6	38,200							95
100	56.0	240.4	35,800							100
105	52.0	236.8	33,600							105
110	47.9	232.6	31,700							110
111	47.0	231.6	31,300	57.9	237.6	27,700				111
115	43.4	227.7	29,900	54.9	235.0	26,500				115
117	41.5	225.4	29,200	53.3	233.4	25,900				117
120	38.6	221.9	28,300	50.9	231.2	25,000				120
125	33.1	215.0	26,800	46.7	226.8	23,700				125
130	26.7	206.3	25,400	42.1	221.7	22,400				130
131	25.1	203.9	25,100	41.1	220.5	22,200	52.6	227.2	19,300	131
135	18.5	194.3	24,100	37.1	215.6	21,300	49.3	224.0	18,500	135
139	6.8	176.5	23,100	32.6	209.8	20,500	45.9	220.3	17,800	139
140				31.5	208.3	20,300	45.0	219.3	17,600	140
145				24.7	198.9	19,300	40.3	213.9	16,700	145
150				15.4	185.2	18,300	35.1	207.4	15,900	150
153				4.0	167.6	17,700	31.5	202.7	15,400	153
155							29.1	199.5	15,100	155
160							21.7	188.9	14,400	160
165							10.0	171.3	13,700	165
166							5.2	163.8	13,500	166



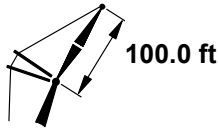
149,600 lb
+
60,400 lb



360°

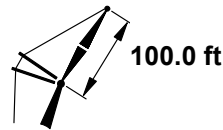
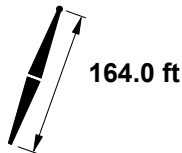


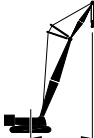
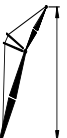
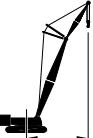
164.0 ft

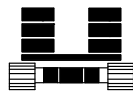


100.0 ft

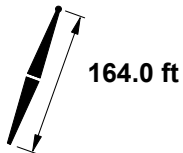
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	ft	lb	ft	
42	74.8	268.2	68,700 c							42
45	73.0	267.3	68,500 c							45
50	70.0	265.7	68,100 b							50
55	66.9	263.7	67,700 b							55
60	63.8	261.4	66,300	70.9	265.0	68,400 b				60
65	60.6	258.7	62,800	67.8	263.1	66,300 b				65
70	57.2	255.7	59,500	64.7	260.9	62,700				70
74	54.4	253.0	57,000	62.1	258.9	60,000	67.5	261.5	57,800 b	74
75	53.7	252.3	56,400	61.5	258.4	59,400	66.9	261.1	56,800 b	75
80	50.1	248.4	53,500	58.1	255.5	55,700	63.7	258.8	52,400	80
85	46.2	243.9	50,800	54.7	252.1	51,600	60.5	256.1	48,500	85
90	42.1	238.7	48,300	51.1	248.4	48,100	57.1	253.1	45,200	90
95	37.7	232.8	46,000	47.3	244.0	44,900	53.6	249.6	42,200	95
96	36.7	231.3	45,600	46.5	243.1	44,300	52.9	248.9	41,700	96
100	32.7	225.7	43,900	43.3	239.1	42,100	50.0	245.7	39,600	100
105	26.9	216.9	41,800	38.9	233.4	39,600	46.1	241.2	37,200	105
110	19.7	205.3	39,900	34.1	226.6	37,300	42.0	236.1	35,000	110
115	7.4	184.5	33,600	28.6	218.4	35,200	37.5	230.1	33,100	115
117				25.9	214.2	34,500	35.5	227.2	32,400	117
120				21.9	207.8	33,300	32.5	222.9	31,300	120
125				12.1	191.5	31,500	26.8	214.1	29,700	125
127				3.8	177.2	30,800	23.8	209.4	29,100	127
130							19.4	202.4	28,100	130
135							6.8	180.9	26,700	135
137										137
140										140
145										145
149										149
150										150
155										155
160										160
163										163
165										165
170										170
175										175
176										176



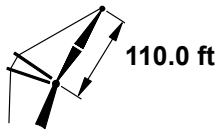
	 75°			 70°			 65°			
 ft		 ft	 lb		 ft	 lb		 ft	 lb	 ft
42										42
45										45
50										50
55										55
60										60
65										65
70										70
74										74
75										75
80										80
85										85
90										90
95										95
96	62.4	254.4	37,300							96
100	59.8	252.2	35,400							100
105	56.4	249.1	33,200							105
110	52.9	245.6	31,300							110
115	49.2	241.5	29,500							115
117	47.6	239.7	28,900	57.5	245.7	25,400				117
120	45.3	236.9	27,900	55.4	243.7	24,600				120
125	41.1	231.6	26,500	51.8	240.0	23,300				125
127	39.3	229.1	25,900	50.3	238.3	22,800				127
130	36.5	225.3	25,100	48.1	235.8	22,100				130
135	31.4	217.9	23,800	44.1	231.0	20,900				135
137	29.0	214.2	23,400	42.4	228.7	20,500	52.7	235.2	17,700	137
140	25.4	208.7	22,700	39.8	225.4	19,900	50.5	232.8	17,200	140
145	17.5	195.9	21,600	35.1	218.9	18,900	46.7	228.4	16,300	145
149	6.4	177.0	20,700	30.9	212.6	18,200	43.4	224.4	15,700	149
150				29.8	211.0	18,000	42.6	223.4	15,500	150
155				23.4	201.0	17,200	38.2	217.5	14,800	155
160				14.6	186.5	16,300	33.2	210.5	14,100	160
163				3.8	167.9	15,800	29.8	205.4	13,700	163
165							27.6	202.0	13,400	165
170							20.6	190.8	12,700	170
175							9.5	172.2	12,100	175
176							4.9	164.2	11,900	176



149,600 lb
+
60,400 lb

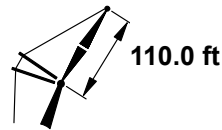
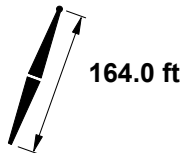


164.0 ft

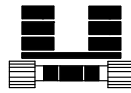


110.0 ft

	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
45	74.6	277.7	52,900 c							45
50	71.9	276.2	51,800 b							50
55	69.1	274.5	50,900 b							55
60	66.3	272.4	49,900							60
64	64.0	270.5	49,100	70.5	274.2	51,700 b				64
65	63.5	270.1	49,000	69.9	273.8	51,500 b				65
70	60.5	267.4	48,100	67.1	271.9	50,700				70
75	57.5	264.4	47,200	64.3	269.6	49,900				75
77	56.2	263.0	46,900	63.1	268.6	49,600	68.0	271.1	50,700 b	77
80	54.3	261.0	46,400	61.3	267.0	49,100	66.3	269.8	50,300	80
85	51.0	257.2	45,600	58.3	264.1	48,400	63.4	267.5	48,500	85
90	47.6	252.9	44,900	55.2	260.8	47,700	60.4	264.8	45,100	90
95	44.0	248.0	44,200	52.0	257.2	44,900	57.4	261.8	42,200	95
100	40.1	242.5	42,200	48.6	253.0	42,100	54.2	258.4	39,500	100
105	35.8	236.1	40,300	45.0	248.3	39,600	51.0	254.6	37,200	105
110	31.1	228.5	38,600	41.2	243.0	37,300	47.5	250.2	35,000	110
115	25.6	219.3	36,900	37.1	236.8	35,300	43.9	245.4	33,100	115
120	18.7	207.0	35,400	32.5	229.6	33,400	40.0	239.8	31,300	120
122	14.1	198.3	33,300	30.4	226.1	32,700	38.3	237.2	30,700	122
125	7.0	185.2	30,200	27.3	220.9	31,700	35.7	233.4	29,700	125
130				20.9	209.7	30,100	31.0	225.8	28,200	130
135				11.5	192.5	28,600	25.5	216.5	26,800	135
137				3.6	177.5	27,900	22.7	211.5	26,300	137
140							18.5	204.1	25,500	140
143							11.3	190.5	24,800	143
145							6.5	181.5	24,300	145
150										150
155										155
159										159
160										160
165										165
170										170
173										173
175										175
180										180
185										185
186										186



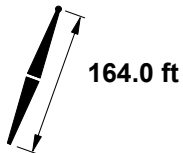
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
45										45
50										50
55										55
60										60
64										64
65										65
70										70
75										75
77										77
80										80
85										85
90										90
95										95
100	62.8	263.6	35,300							100
105	59.8	260.9	33,200							105
110	56.7	257.8	31,300							110
115	53.5	254.3	29,500							115
120	50.2	250.4	27,900							120
122	48.8	248.6	27,300	57.7	254.3	24,000				122
125	46.8	246.0	26,400	55.8	252.4	23,200				125
130	43.1	240.9	25,100	52.6	248.8	22,000				130
135	39.1	235.2	23,900	49.3	244.7	20,900				135
137	37.4	232.5	23,400	47.8	242.9	20,500				137
140	34.8	228.6	22,700	45.7	240.1	19,900				140
143	31.8	223.8	22,100	43.5	237.0	19,300	52.7	243.2	16,600	143
145	29.9	220.7	21,600	42.0	234.9	18,900	51.4	241.7	16,300	145
150	24.2	210.8	20,600	37.9	228.9	18,000	48.0	237.4	15,500	150
155	16.7	197.4	19,700	33.5	222.0	17,200	44.4	232.6	14,800	155
159	6.1	177.6	18,900	29.4	215.3	16,600	41.3	228.2	14,200	159
160				28.4	213.6	16,400	40.5	227.1	14,100	160
165				22.3	203.1	15,700	36.3	220.8	13,400	165
170				13.9	187.8	14,900	31.7	213.4	12,800	170
173				3.6	168.3	14,500	28.4	208.0	12,400	173
175							26.3	204.4	12,200	175
180							19.6	192.6	11,600	180
185							9.0	173.0	11,100	185
186							4.7	164.6	10,900	186



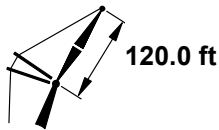
149,600 lb
+
60,400 lb



360°

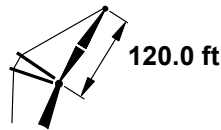
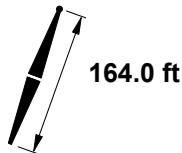


164.0 ft

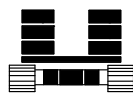


120.0 ft

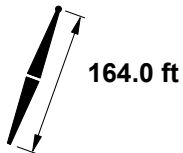
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
47	74.9	287.6	49,500 c							47
50	73.5	286.7	49,000 b							50
55	71.0	285.1	48,100 b							55
60	68.4	283.2	47,200							60
65	65.8	281.1	46,400							65
67	64.8	280.2	46,100	70.6	283.7	48,200 b				67
70	63.2	278.7	45,600	69.1	282.6	47,800				70
75	60.5	276.1	44,900	66.5	280.6	47,100				75
80	57.7	273.1	44,200	63.9	278.3	46,400				80
81	57.1	272.4	44,100	63.4	277.8	46,300	67.8	280.3	47,100	81
85	54.8	269.7	43,500	61.2	275.7	45,800	65.7	278.5	46,700	85
90	51.8	266.0	42,900	58.5	272.8	45,100	63.1	276.1	44,800	90
95	48.7	261.8	42,200	55.6	269.5	44,600	60.4	273.5	41,800	95
100	45.5	257.2	41,000	52.7	265.9	41,800	57.6	270.4	39,200	100
105	42.0	252.0	39,500	49.6	261.9	39,300	54.7	267.1	36,800	105
110	38.3	246.0	37,900	46.4	257.4	37,000	51.7	263.4	34,700	110
115	34.3	239.2	36,300	43.0	252.3	35,000	48.6	259.2	32,800	115
120	29.8	231.2	34,800	39.4	246.6	33,100	45.4	254.5	31,000	120
125	24.5	221.5	33,400	35.4	240.1	31,400	41.9	249.3	29,400	125
127	21.9	216.3	32,800	33.7	237.0	30,800	40.4	246.9	28,800	127
130	17.9	208.6	32,000	31.1	232.5	29,800	38.2	243.3	27,900	130
135	6.7	185.8	27,300	26.1	223.3	28,400	34.2	236.5	26,600	135
140				20.0	211.5	27,000	29.6	228.5	25,300	140
145				11.0	193.5	25,700	24.4	218.7	24,100	145
147				3.5	177.8	25,200	21.7	213.5	23,700	147
149							19.1	208.3	23,200	149
150							17.7	205.7	23,000	150
155							6.2	182.1	21,900	155
160										160
165										165
169										169
170										170
175										175
180										180
183										183
185										185
190										190
195										195
196										196



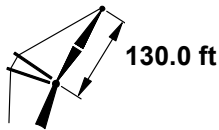
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
47										47
50										50
55										55
60										60
65										65
67										67
70										70
75										75
80										80
81										81
85										85
90										90
95										95
100										100
105	62.5	272.3	32,800							105
110	59.8	269.5	30,900							110
115	57.0	266.5	29,100							115
120	54.1	263.0	27,500							120
125	51.1	259.2	26,100							125
127	49.8	257.5	25,500	57.9	263.0	22,300				127
130	48.0	255.0	24,700	56.2	261.1	21,600				130
135	44.7	250.2	23,500	53.3	257.5	20,500				135
140	41.1	244.8	22,400	50.2	253.6	19,500				140
145	37.4	238.7	21,300	47.0	249.2	18,600				145
147	35.7	235.8	20,900	45.7	247.2	18,200				147
149	34.1	233.0	20,500	44.4	245.2	17,900	52.8	251.2	15,200	149
150	33.2	231.6	20,300	43.7	244.2	17,700	52.2	250.4	15,100	150
155	28.6	223.3	19,400	40.1	238.7	16,900	49.1	246.3	14,400	155
160	23.1	212.9	18,500	36.2	232.3	16,100	45.8	241.7	13,700	160
165	16.0	198.8	17,700	32.0	224.9	15,300	42.4	236.6	13,000	165
169	5.9	178.1	17,000	28.1	217.9	14,800	39.4	231.9	12,500	169
170				27.2	216.1	14,700	38.7	230.7	12,400	170
175				21.3	205.0	14,000	34.7	224.0	11,800	175
180				13.3	189.0	13,300	30.3	216.2	11,300	180
183				3.5	168.6	12,900	27.2	210.5	11,000	183
185							25.1	206.7	10,800	185
190							18.7	194.3	10,300	190
195							8.7	173.7	9,700	195
196							4.5	165.0	9,600	196



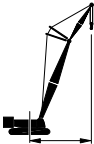
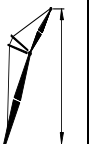
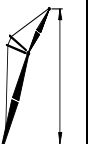
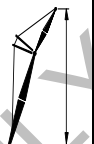
149,600 lb
+
60,400 lb

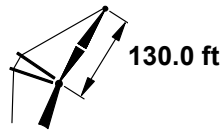
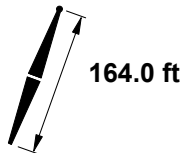


164.0 ft

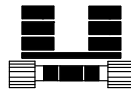


130.0 ft

	 87°			 83°			 80°				
	 ft	 ft	 ft	 lb	 ft	 ft	 lb	 ft	 ft	 lb	 ft
50	74.8	297.1	46,200 b								50
55	72.5	295.6	45,400 b								55
60	70.1	293.9	44,600								60
65	67.8	292.0	43,900								65
70	65.4	289.8	43,100	70.8	293.3	44,900					70
75	62.9	287.4	42,500	68.4	291.4	44,300					75
80	60.4	284.7	41,800	66.1	289.3	43,700					80
85	57.9	281.7	41,200	63.6	287.0	43,100	67.7	289.4	43,700		85
90	55.2	278.4	40,300	61.1	284.4	42,600	65.3	287.2	43,300		90
95	52.5	274.8	38,900	58.6	281.4	42,000	62.9	284.8	41,600		95
100	49.7	270.7	37,600	56.0	278.2	41,000	60.4	282.1	39,000		100
105	46.7	266.3	36,300	53.3	274.7	39,100	57.8	279.1	36,600		105
109	44.2	262.3	35,300	51.0	271.5	37,300	55.7	276.5	34,900		109
110	43.6	261.3	35,100	50.5	270.8	36,800	55.1	275.8	34,500		110
115	40.3	255.7	33,900	47.5	266.4	34,800	52.4	272.1	32,600		115
120	36.7	249.4	32,800	44.5	261.6	32,900	49.6	268.1	30,800		120
125	32.9	242.3	31,700	41.2	256.2	31,200	46.6	263.6	29,200		125
130	28.6	233.8	30,800	37.8	250.1	29,700	43.5	258.6	27,700		130
133	25.6	227.7	30,300	35.5	246.0	28,800	41.5	255.3	26,900		133
135	23.6	223.6	30,000	34.0	243.2	28,200	40.2	253.0	26,400		135
140	17.2	210.2	29,200	29.8	235.2	26,900	36.7	246.7	25,100		140
145	6.5	186.3	24,800	25.0	225.5	25,600	32.8	239.5	23,900		145
150				19.2	213.2	24,500	28.5	231.1	22,800		150
155				10.6	194.5	23,400	23.4	220.8	21,800		155
157				3.4	178.1	22,900	20.9	215.3	21,400		157
160							17.0	207.2	20,800		160
165							5.9	182.6	19,900		165
170											170
175											175
179											179
180											180
185											185
190											190
193											193
195											195
200											200
205											205
206											206



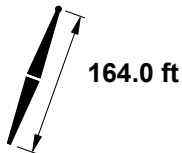
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
50										50
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
109	62.8	281.5	31,000							109
110	62.3	281.0	30,600							110
115	59.8	278.2	28,900							115
120	57.2	275.1	27,300							120
125	54.6	271.8	25,800							125
130	51.8	268.0	24,500							130
133	50.1	265.5	23,800	57.5	271.0	20,700				133
135	49.0	263.9	23,300	56.5	269.7	20,300				135
140	46.0	259.3	22,200	53.8	266.3	19,200				140
145	42.8	254.2	21,100	51.0	262.4	18,300				145
150	39.5	248.5	20,100	48.1	258.1	17,400				150
155	35.9	242.0	19,200	45.1	253.4	16,600	52.8	259.2	14,100	155
157	34.3	239.0	18,900	43.8	251.3	16,300	51.7	257.6	13,800	157
160	31.9	234.5	18,300	41.9	248.1	15,900	50.0	255.2	13,400	160
165	27.4	225.8	17,500	38.5	242.2	15,100	47.0	250.8	12,800	165
170	22.2	214.9	16,800	34.8	235.5	14,500	43.9	245.9	12,200	170
175	15.3	200.2	16,000	30.7	227.7	13,800	40.7	240.4	11,600	175
179	5.6	178.6	15,400	27.0	220.3	13,300	37.8	235.4	11,200	179
180				26.1	218.5	13,200	37.1	234.2	11,100	180
185				20.5	206.8	12,600	33.3	227.1	10,600	185
190				12.8	190.1	12,000	29.1	218.8	10,100	190
193				3.3	168.9	11,700	26.1	212.8	9,800	193
195							24.1	208.8	9,600	195
200							18.0	195.9	9,200	200
205							8.3	174.5	8,700	205
206							4.3	165.4	8,600	206



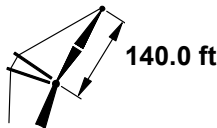
149,600 lb
+
60,400 lb



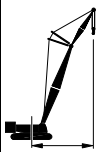
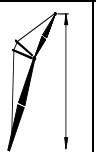
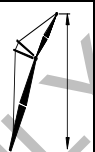
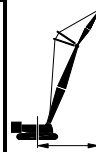
360°



164.0 ft

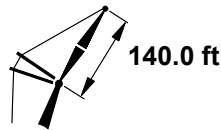
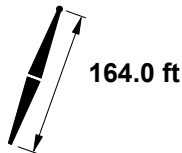


140.0 ft

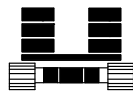
	 87°			 83°			 80°			
	 ft	 ft	 lb	 ft	 ft	 lb	 ft	 ft	 lb	 ft
53	74.6	306.6	42,800 b							53
55	73.8	306.1	42,500 b							55
60	71.6	304.5	41,800							60
65	69.4	302.8	41,200							65
70	67.2	300.8	40,500							70
73	65.9	299.4	40,100	70.9	302.8	41,600				73
75	65.0	298.6	39,900	70.1	302.1	41,400				75
80	62.7	296.1	39,300	67.9	300.2	40,800				80
85	60.4	293.4	38,100	65.6	298.0	40,400				85
89	58.5	291.0	37,000	63.8	296.1	39,900	67.6	298.6	40,400	89
90	58.0	290.4	36,700	63.4	295.7	39,800	67.2	298.2	40,300	90
95	55.6	287.1	35,400	61.0	293.0	38,700	64.9	296.0	40,000	95
100	53.0	283.5	34,100	58.7	290.1	37,400	62.7	293.5	38,600	100
105	50.4	279.6	32,900	56.3	286.9	36,100	60.3	290.8	36,300	105
110	47.7	275.3	31,600	53.8	283.4	34,800	58.0	287.8	34,100	110
114	45.5	271.4	30,700	51.7	280.3	33,700	56.0	285.2	32,600	114
115	44.9	270.5	30,500	51.2	279.6	33,500	55.5	284.5	32,200	115
120	41.9	265.2	29,300	48.5	275.4	32,200	53.0	280.9	30,500	120
125	38.8	259.3	28,200	45.7	270.7	31,000	50.4	277.0	28,900	125
130	35.4	252.7	27,200	42.8	265.6	29,400	47.7	272.6	27,400	130
135	31.7	245.1	26,200	39.7	259.9	28,000	44.8	267.8	26,100	135
138	29.2	239.9	25,700	37.7	256.0	27,200	43.0	264.6	25,300	138
140	27.5	236.3	25,300	36.3	253.5	26,600	41.8	262.5	24,800	140
145	22.7	225.7	24,500	32.7	246.2	25,400	38.7	256.6	23,600	145
150	16.6	211.6	23,900	28.7	237.8	24,200	35.3	250.0	22,600	150
155	6.2	186.9	22,400	24.1	227.7	23,200	31.6	242.4	21,600	155
160				18.5	214.9	22,100	27.4	233.5	20,600	160
161				16.8	211.0	21,900	26.4	231.4	20,400	161
165				10.2	195.4	21,200	22.5	222.8	19,700	165
167				3.2	178.4	20,700	20.1	217.1	19,400	167
170							16.4	208.7	18,800	170
175							5.7	183.1	18,000	175
180										180
185										185
189										189
190										190
195										195
200										200
203										203
205										205
210										210
215										215
216										216



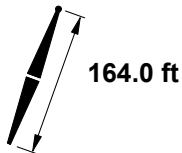
149,600 lb
+
60,400 lb



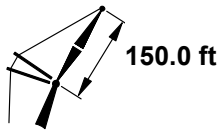
	75°			70°			65°			
53										53
55										55
60										60
65										65
70										70
73										73
75										75
80										80
85										85
89										89
90										90
95										95
100										100
105										105
110										110
114	62.6	290.2	28,800							114
115	62.2	289.6	28,500							115
120	59.8	286.9	26,900							120
125	57.4	283.8	25,500							125
130	55.0	280.5	24,100							130
135	52.4	276.8	22,900							135
138	50.8	274.4	22,200	57.7	279.7	19,200				138
140	49.8	272.8	21,800	56.7	278.4	18,800				140
145	47.1	268.3	20,800	54.3	275.0	17,900				145
150	44.2	263.4	19,800	51.7	271.2	17,000				150
155	41.2	258.0	18,900	49.0	267.1	16,200				155
160	38.0	252.0	18,000	46.3	262.5	15,500				160
161	37.3	250.6	17,900	45.7	261.5	15,300	52.8	267.2	12,900	161
165	34.5	245.1	17,200	43.4	257.5	14,800	50.7	264.1	12,400	165
167	33.0	242.0	16,900	42.1	255.2	14,500	49.6	262.3	12,100	167
170	30.7	237.3	16,500	40.3	251.9	14,100	48.0	259.8	11,800	170
175	26.4	228.1	15,700	37.0	245.6	13,500	45.2	255.0	11,200	175
180	21.4	216.9	15,100	33.5	238.6	12,900	42.3	249.8	10,700	180
185	14.8	201.5	14,400	29.6	230.4	12,300	39.1	244.0	10,200	185
189	5.4	179.1	13,900	26.0	222.7	11,900	36.4	238.8	9,800	189
190				25.1	220.7	11,700	35.7	237.5	9,700	190
195				19.7	208.6	11,200	32.1	230.0	9,200	195
200				12.3	191.2	10,700	28.0	221.4	8,800	200
203				3.2	169.2	10,400	25.1	215.1	8,500	203
205							23.2	210.9	8,300	205
210							17.3	197.4	7,900	210
215							8.0	175.2	7,400	215
216							4.1	165.8	7,300	216



149,600 lb
+
60,400 lb



164.0 ft

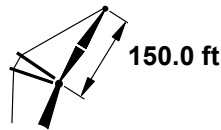
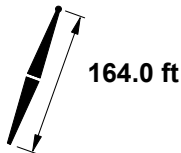


150.0 ft

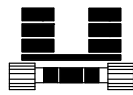
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
55	74.9	316.5	39,800 b							55
60	72.9	315.0	39,200							60
65	70.9	313.4	38,600							65
70	68.8	311.5	38,000							70
75	66.8	309.5	37,400							75
77	65.9	308.6	37,000	70.6	312.0	38,500				77
80	64.7	307.3	36,300	69.4	310.9	38,200				80
85	62.5	304.8	35,100	67.3	308.9	37,600				85
90	60.4	302.0	33,700	65.3	306.7	36,800				90
92	59.5	300.9	33,200	64.4	305.8	36,300	68.0	308.2	37,400	92
95	58.1	299.1	32,500	63.1	304.3	35,600	66.7	306.9	37,200	95
100	55.9	295.8	31,200	61.0	301.7	34,300	64.6	304.6	36,300	100
105	53.5	292.3	30,000	58.8	298.8	33,100	62.5	302.2	35,100	105
110	51.1	288.4	28,700	56.5	295.6	31,800	60.3	299.4	33,800	110
115	48.6	284.2	27,600	54.2	292.2	30,500	58.1	296.5	32,100	115
118	47.1	281.4	26,900	52.7	289.9	29,800	56.7	294.5	31,100	118
120	46.0	279.6	26,500	51.8	288.4	29,300	55.8	293.2	30,400	120
125	43.3	274.5	25,400	49.3	284.3	28,200	53.5	289.7	28,800	125
130	40.4	269.0	24,400	46.8	279.8	27,100	51.1	285.8	27,300	130
135	37.4	262.8	23,400	44.1	274.8	25,900	48.6	281.6	26,000	135
140	34.1	255.8	22,500	41.3	269.4	24,900	46.0	276.9	24,700	140
143	32.0	251.1	21,900	39.5	265.8	24,300	44.3	273.9	24,000	143
145	30.6	247.9	21,600	38.3	263.4	23,900	43.2	271.9	23,600	145
150	26.6	238.7	20,800	35.1	256.7	22,900	40.4	266.3	22,500	150
155	21.9	227.6	20,000	31.6	249.1	22,000	37.3	260.1	21,500	155
160	16.0	213.1	19,300	27.7	240.3	21,200	34.0	253.1	20,600	160
165	6.0	187.4	18,900	23.3	229.8	20,400	30.5	245.2	19,700	165
167				21.1	224.5	20,100	28.9	241.5	19,300	167
170				17.9	216.5	19,700	26.5	235.9	18,800	170
175				9.9	196.2	19,100	21.8	224.8	18,000	175
177				3.1	178.7	19,000	19.4	218.9	17,700	177
180							15.8	210.1	17,300	180
185							5.5	183.6	16,500	185
190										190
195										195
199										199
200										200
205										205
210										210
213										213
215										215
220										220
225										225
226										226

MLC200 S-2

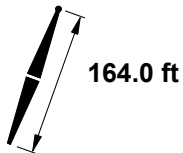
ASME B30.5



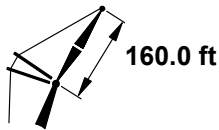
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
55										55
60										60
65										65
70										70
75										75
77										77
80										80
85										85
90										90
92										92
95										95
100										100
105										105
110										110
115										115
118										118
120	62.9	299.4	27,400							120
125	62.0	298.3	26,800							125
130	59.8	295.5	25,400							130
135	57.6	292.5	24,000							135
140	55.3	289.2	22,800							140
143	53.0	285.6	21,700							143
145	51.5	283.2	21,100	57.9	288.4	18,200				145
150	50.5	281.6	20,700	57.0	287.1	17,800				150
155	48.0	277.3	19,700	54.7	283.7	16,900				155
160	45.4	272.6	18,800	52.3	280.0	16,100				160
165	42.6	267.4	17,900	49.8	276.0	15,400				165
167	39.7	261.7	17,200	47.3	271.5	14,700				167
170	38.5	259.2	16,900	46.2	269.6	14,400	52.8	275.2	12,000	170
175	36.6	255.3	16,400	44.6	266.7	14,000	51.4	272.9	11,700	175
177	33.3	248.2	15,700	41.8	261.4	13,400	48.9	268.7	11,100	177
180	31.8	244.9	15,400	40.6	259.0	13,200	47.8	266.9	10,900	180
185	29.6	240.0	15,000	38.9	255.5	12,800	46.3	264.1	10,600	185
190	25.5	230.5	14,400	35.7	248.9	12,200	43.6	259.1	10,100	190
195	20.6	218.7	13,800	32.3	241.5	11,700	40.8	253.6	9,600	195
199	14.3	202.8	13,200	28.5	233.0	11,200	37.7	247.5	9,100	199
200	5.2	179.6	12,700	25.1	224.9	10,800	35.1	242.0	8,700	200
205				24.2	222.9	10,700	34.5	240.6	8,600	205
210				19.1	210.3	10,200	31.0	232.8	8,200	210
213				11.9	192.3	9,800	27.0	223.8	7,800	213
215				3.1	169.4	9,500	24.3	217.3	7,500	215
220							22.5	213.0	7,400	220
225							16.8	198.9	7,000	225
226							7.7	175.9	6,500	226
							4.0	166.1	6,400	226



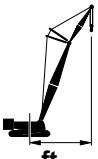
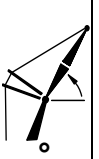
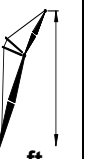
149,600 lb
+
60,400 lb

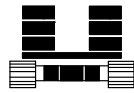


164.0 ft

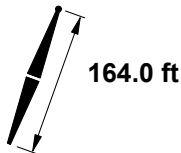


160.0 ft

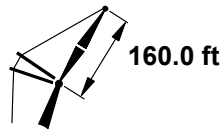
	87°			83°			80°			
										
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
58	74.7	326.0	36,800							58
60	74.0	325.5	36,600							60
65	72.1	323.9	35,900							65
70	70.2	322.2	35,400							70
75	68.3	320.3	34,400							75
80	66.4	318.2	33,200	70.7	321.6	35,400				80
85	64.4	315.9	31,900	68.8	319.7	34,800				85
90	62.4	313.4	30,600	66.9	317.7	33,600				90
95	60.3	310.7	29,300	64.9	315.5	32,300				95
96	59.9	310.1	29,100	64.5	315.0	32,100	67.9	317.3	33,900	96
100	58.3	307.7	28,100	62.9	313.0	31,100	66.3	315.6	32,900	100
105	56.1	304.5	26,900	60.9	310.3	29,900	64.3	313.3	31,800	105
110	53.9	301.0	25,800	58.8	307.4	28,600	62.3	310.8	30,600	110
115	51.7	297.2	24,700	56.7	304.3	27,500	60.3	308.1	29,500	115
120	49.4	293.1	23,500	54.6	300.9	26,300	58.2	305.1	28,300	120
123	47.9	290.4	22,900	53.2	298.6	25,600	56.9	303.2	27,600	123
125	47.0	288.6	22,400	52.3	297.2	25,200	56.1	301.9	27,100	125
130	44.5	283.8	21,400	50.0	293.1	24,100	53.9	298.4	26,000	130
135	41.9	278.4	20,500	47.7	288.8	23,000	51.6	294.6	24,900	135
140	39.1	272.6	19,500	45.2	284.0	21,900	49.3	290.5	23,800	140
145	36.2	266.1	18,600	42.6	278.8	20,900	46.9	286.0	22,700	145
149	33.6	260.3	18,000	40.4	274.3	20,100	44.9	282.1	21,900	149
150	33.0	258.8	17,800	39.9	273.1	19,900	44.4	281.1	21,700	150
155	29.6	250.6	17,000	37.0	266.8	19,100	41.8	275.7	20,700	155
160	25.7	241.1	16,200	33.9	259.8	18,200	39.0	269.9	19,800	160
165	21.2	229.5	15,500	30.6	251.9	17,400	36.1	263.4	18,900	165
170	15.5	214.5	14,900	26.8	242.7	16,600	32.9	256.1	18,000	170
173	9.7	198.5	14,400	24.3	236.2	16,100	30.9	251.1	17,500	173
175	5.8	187.9	14,000	22.5	231.8	15,800	29.5	247.8	17,200	175
180				17.3	218.0	15,200	25.6	238.2	16,500	180
185				9.6	197.1	14,300	21.1	226.7	15,700	185
187				3.0	178.9	14,000	18.8	220.6	15,400	187
190							15.3	211.5	15,000	190
195							5.4	184.1	14,200	195
200										200
205										205
209										209
210										210
215										215
220										220
223										223
225										225
230										230
235										235
236										236



149,600 lb
+
60,400 lb

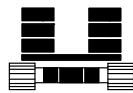


164.0 ft

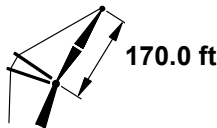
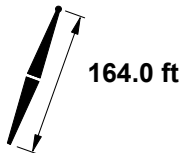


160.0 ft

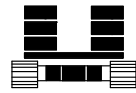
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
58										58
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
96										96
100										100
105										105
110										110
115										115
120										120
123	62.7	308.0	25,500							123
125	61.9	307.0	25,000							125
130	59.9	304.2	23,700							130
135	57.8	301.2	22,500							135
140	55.6	297.9	21,300							140
145	53.4	294.3	20,300							145
149	51.6	291.2	19,500	57.6	296.4	16,700				149
150	51.2	290.4	19,300	57.2	295.8	16,600				150
155	48.8	286.2	18,400	55.0	292.4	15,800				155
160	46.4	281.7	17,600	52.8	288.8	15,000				160
165	43.9	276.7	16,800	50.5	284.8	14,300				165
170	41.2	271.2	16,100	48.1	280.5	13,600				170
173	39.5	267.6	15,700	46.7	277.7	13,300	52.8	283.2	10,800	173
175	38.4	265.2	15,400	45.7	275.8	13,000	51.9	281.7	10,600	175
180	35.4	258.6	14,700	43.1	270.7	12,400	49.6	277.6	10,000	180
185	32.2	251.1	14,100	40.4	265.1	11,900	47.2	273.2	9,500	185
187	30.8	247.7	13,900	39.3	262.7	11,700	46.2	271.2	9,300	187
190	28.7	242.6	13,500	37.6	259.0	11,400	44.8	268.3	9,000	190
195	24.7	232.7	12,900	34.6	252.1	10,900	42.1	263.1	8,600	195
200	20.0	220.5	12,400	31.3	244.4	10,400	39.4	257.3	8,100	200
205	13.8	204.0	11,900	27.6	235.5	9,900	36.5	250.8	7,700	205
209	5.1	180.0	11,400	24.3	227.1	9,600	34.0	245.1	7,400	209
210				23.5	225.0	9,500	33.4	243.7	7,300	210
215				18.4	212.0	9,100	30.0	235.6	6,900	215
220				11.5	193.3	8,600	26.1	226.2	6,500	220
223				3.0	169.7	8,300	23.5	219.4	6,300	223
225							21.7	214.9	6,100	225
230							16.2	200.4	5,800	230
235							7.5	176.5	5,400	235
236							3.9	166.5	5,300	236



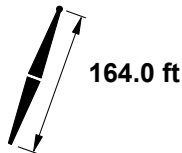
149,600 lb
+
60,400 lb



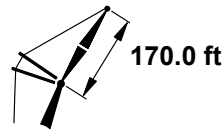
	87°			83°			80°			
60	74.9	335.8	34,100							60
65	73.2	334.4	33,500							65
70	71.4	332.8	33,000							70
75	69.6	331.0	31,700							75
80	67.8	329.1	30,500							80
83	66.7	327.8	29,800	70.9	331.1	32,300				83
85	66.0	327.0	29,300	70.1	330.4	31,900				85
90	64.1	324.6	28,100	68.3	328.5	30,900				90
95	62.2	322.1	26,900	66.5	326.4	29,700				95
100	60.3	319.4	25,700	64.7	324.2	28,500	67.8	326.5	30,300	100
105	58.4	316.4	24,500	62.8	321.7	27,300	65.9	324.4	29,100	105
110	56.4	313.2	23,400	60.9	319.0	26,200	64.1	322.0	28,000	110
115	54.3	309.7	22,300	58.9	316.1	25,000	62.2	319.5	26,900	115
120	52.2	306.0	21,300	56.9	313.0	23,900	60.3	316.8	25,800	120
125	50.1	302.0	20,200	54.9	309.6	22,800	58.3	313.8	24,700	125
127	49.2	300.2	19,800	54.1	308.1	22,400	57.5	312.5	24,200	127
130	47.8	297.6	19,200	52.8	305.9	21,700	56.3	310.6	23,600	130
135	45.5	292.9	18,300	50.7	302.0	20,700	54.3	307.1	22,500	135
140	43.1	287.8	17,400	48.4	297.7	19,700	52.2	303.4	21,400	140
145	40.6	282.2	16,500	46.2	293.1	18,700	50.0	299.3	20,400	145
150	37.9	276.1	15,700	43.8	288.1	17,800	47.8	295.0	19,400	150
154	35.6	270.7	15,000	41.8	283.7	17,000	45.9	291.2	18,700	154
155	35.1	269.3	14,900	41.3	282.6	16,800	45.4	290.2	18,500	155
160	32.0	261.8	14,100	38.6	276.7	16,100	43.0	285.1	17,600	160
165	28.7	253.2	13,300	35.9	270.1	15,200	40.5	279.5	16,700	165
170	24.9	243.3	12,300	32.9	262.8	14,500	37.8	273.4	15,800	170
175	20.6	231.4	11,500	29.6	254.6	13,600	35.0	266.6	15,000	175
179	16.2	218.9	10,900	26.7	247.0	12,800	32.5	260.5	14,400	179
180	15.1	215.8	10,800	26.0	245.1	12,600	31.9	259.0	14,300	180
185	5.7	188.4	10,000	21.9	233.8	11,800	28.6	250.4	13,300	185
190				16.8	219.5	11,000	24.8	240.5	12,500	190
195				9.3	197.9	10,300	20.4	228.5	11,600	195
197				2.9	179.2	10,000	18.2	222.2	11,300	197
200							14.9	212.8	10,800	200
205							5.2	184.5	10,200	205
210										210
215										215
219										219
220										220
225										225
230										230
233										233
235										235



149,600 lb
+
60,400 lb

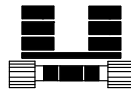


164.0 ft

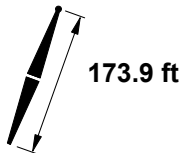


170.0 ft

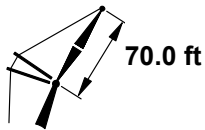
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
60										60
65										65
70										70
75										75
80										80
83										83
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
127	62.9	317.2	24,200							127
130	61.8	315.6	23,400							130
135	59.9	312.9	22,200							135
140	57.9	309.8	21,100							140
145	55.9	306.6	20,100							145
150	53.8	303.0	19,100							150
154	52.1	300.0	18,400	57.7	305.1	15,600				154
155	51.7	299.2	18,200	57.3	304.4	15,500				155
160	49.5	295.1	17,400	55.3	301.1	14,700				160
165	47.3	290.7	16,600	53.2	297.5	14,000				165
170	44.9	285.9	15,800	51.1	293.6	13,400				170
175	42.5	280.7	15,100	48.9	289.4	12,800				175
179	40.4	276.1	14,600	47.1	285.8	12,300	52.9	291.2	9,800	179
180	39.9	274.9	14,500	46.6	284.9	12,200	52.4	290.5	9,600	180
185	37.2	268.7	13,900	44.2	280.0	11,600	50.3	286.5	9,100	185
190	34.3	261.7	13,300	41.8	274.6	11,100	48.1	282.1	8,600	190
195	31.2	254.0	12,700	39.2	268.7	10,600	45.7	277.5	8,200	195
197	29.9	250.4	12,500	38.1	266.2	10,400	44.8	275.4	8,000	197
200	27.8	245.1	12,200	36.4	262.3	10,200	43.3	272.4	7,700	200
205	23.9	234.8	11,700	33.5	255.1	9,700	40.8	266.8	7,300	205
210	19.4	222.2	11,200	30.3	247.1	9,300	38.2	260.8	6,900	210
215	13.4	205.2	10,700	26.8	237.9	8,900	35.4	254.1	6,500	215
219	4.9	180.4	10,200	23.5	229.2	8,500	32.9	248.1	6,200	219
220				22.7	227.1	8,500	32.3	246.6	6,200	220
225				17.9	213.6	8,100	29.0	238.2	5,800	225
230				11.2	194.3	7,700	25.4	228.5	5,500	230
233				2.9	169.9	7,400	22.8	221.5	5,300	233
235							21.1	216.8	5,100	235



149,600 lb
+
60,400 lb

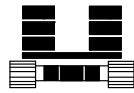


173.9 ft

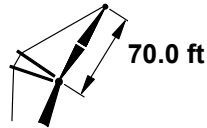
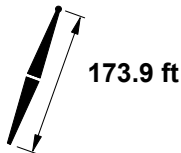


70.0 ft

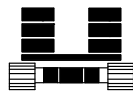
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
35	74.5	249.0	85,100 d							35
40	70.3	247.4	84,900 d							40
45	65.8	245.4	84,700 c							45
50	61.3	242.9	80,800 b							50
52	59.3	241.7	78,700 b	70.3	246.2	84,200 d				52
55	56.5	239.9	75,500 b	67.7	245.0	80,900 c				55
60	51.4	236.2	70,700	63.2	242.8	75,600 c				60
64	47.1	232.7	67,200	59.4	240.5	71,700 c	67.7	243.6	69,500 c	64
65	46.0	231.8	66,400	58.5	240.0	70,700 b	66.8	243.2	68,100 c	65
70	40.0	226.5	62,400	53.6	236.6	66,100 b	62.3	240.8	62,100 c	70
75	33.1	219.7	58,700	48.3	232.5	60,600	57.5	237.9	57,000 b	75
80	24.6	210.6	55,400	42.5	227.6	55,900	52.5	234.4	52,600 b	80
84	13.9	198.2	51,000	37.4	222.7	52,700	48.2	231.0	49,500 b	84
85	11.3	195.2	49,900	36.1	221.5	51,900	47.2	230.2	48,700	85
86	5.7	188.4	45,400	34.5	219.9	51,100	46.0	229.1	48,100	86
90				28.4	213.6	48,300	41.3	225.0	45,400	90
95				18.0	201.9	45,000	34.6	218.6	42,400	95
98				6.3	188.0	43,200	29.8	213.5	40,800	98
100							26.6	210.2	39,700	100
104							17.4	199.6	37,700	104
105							15.1	197.0	37,200	105
107							6.2	186.4	36,200	107
110										110
115										115
120										120
122										122
123										123
125										125
130										130
135										135
136										136
140										140
145										145
150										150



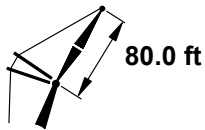
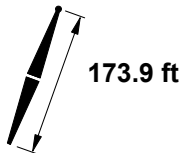
149,600 lb
+
60,400 lb



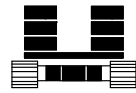
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
35										35
40										40
45										45
50										50
52										52
55										55
60										60
64										64
65										65
70										70
75										75
80										80
84	63.0	237.7	44,200 c							84
85	62.0	237.2	43,500 c							85
86	61.1	236.6	42,900 c							86
90	57.3	234.2	40,500 b							90
95	52.3	230.7	37,800 b							95
98	49.1	228.2	36,400 b							98
100	46.9	226.5	35,500							100
104	42.2	222.3	33,700	57.7	229.8	29,700 b				104
105	41.0	221.3	33,300	56.7	229.1	29,300 b				105
107	38.3	218.7	32,500	54.7	227.7	28,600 b				107
110	34.3	214.8	31,400	51.7	225.5	27,600 b				110
115	26.2	206.2	29,600	46.2	221.2	26,000				115
120	14.3	192.7	27,900	40.3	215.8	24,600				120
122	4.1	180.3	27,200	37.5	213.2	24,100				122
123				36.2	211.8	23,800	52.6	220.3	20,600 b	123
125				33.4	209.2	23,300	50.6	218.7	20,100	125
130				25.1	200.2	22,000	45.0	214.1	19,000	130
135				12.2	185.4	20,800	38.9	208.6	18,000	135
136				7.4	179.6	20,600	37.5	207.2	17,900	136
140							31.8	201.5	17,100	140
145							22.9	191.9	16,200	145
150							7.0	173.2	15,300	150



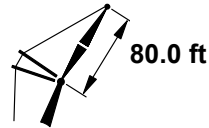
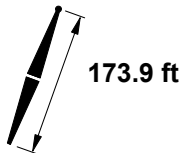
149,600 lb
+
60,400 lb



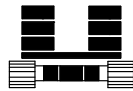
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
38	74.3	258.5	78,700 d							38
40	72.8	257.9	78,600 d							40
45	69.0	256.2	78,300 c							45
50	65.1	254.1	78,000 b							50
55	61.1	251.5	73,400 b	70.6	255.7	78,000 c				55
60	56.9	248.5	68,800	66.8	253.8	73,300 c				60
65	52.5	245.0	64,800	62.8	251.4	68,800 b				65
68	49.7	242.5	62,600	60.3	249.8	66,300 b	67.5	252.7	64,000 c	68
70	47.9	240.8	61,100	58.7	248.6	64,600 b	66.0	251.9	61,700 c	70
75	42.9	235.9	57,700	54.4	245.3	60,300	62.0	249.4	56,600 b	75
80	37.3	230.0	54,500	49.9	241.4	55,700	57.8	246.5	52,200 b	80
85	30.9	222.6	51,600	45.0	236.8	51,600	53.5	243.1	48,400	85
89	24.6	214.7	49,400	40.7	232.4	48,800	49.8	239.9	45,700	89
90	23.0	212.7	48,900	39.7	231.4	48,100	48.9	239.1	45,100	90
95	10.5	196.1	44,000	33.7	224.6	44,900	44.0	234.3	42,100	95
96	5.3	188.9	40,200	32.2	222.9	44,300	42.9	233.2	41,600	96
100				26.5	216.0	42,100	38.5	228.6	39,500	100
105				16.8	203.4	39,500	32.3	221.6	37,100	105
108				5.9	188.5	38,000	27.8	216.1	35,800	108
109							26.3	214.3	35,400	109
110							24.9	212.4	34,900	110
115							14.1	198.3	32,900	115
117							5.8	186.9	32,100	117
120										120
125										125
129										129
130										130
132										132
135										135
140										140
145										145
146										146
150										150
155										155
160										160



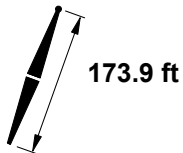
149,600 lb
+
60,400 lb



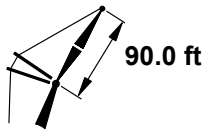
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
38										38
40										40
45										45
50										50
55										55
60										60
65										65
68										68
70										70
75										75
80										80
85										85
89	62.6	246.4	40,700 b							89
90	61.8	245.8	40,100 b							90
95	57.6	242.9	37,500 b							95
96	56.8	242.2	37,000 b							96
100	53.3	239.5	35,100							100
105	48.7	235.4	33,000							105
108	45.7	232.5	31,800							108
109	44.7	231.6	31,400	58.0	238.4	27,500 b				109
110	43.7	230.6	31,000	57.1	237.8	27,200				110
115	38.3	224.9	29,300	52.8	234.3	25,600				115
117	35.8	222.0	28,600	50.9	232.6	25,100				117
120	32.0	217.8	27,700	48.1	230.2	24,200				120
125	24.5	208.5	26,200	43.1	225.3	22,900				125
129	15.6	196.8	25,100	38.7	220.5	22,000	52.7	228.3	18,800	129
130	13.4	193.9	24,800	37.6	219.4	21,700	51.8	227.5	18,600	130
132	3.8	180.6	24,200	35.0	216.4	21,300	49.9	225.8	18,200	132
135				31.2	212.1	20,600	47.1	223.2	17,600	135
140				23.4	202.4	19,500	42.0	218.1	16,700	140
145				11.4	186.4	18,500	36.3	212.0	15,900	145
146				6.9	180.2	18,300	35.0	210.4	15,700	146
150							29.7	204.3	15,100	150
155							21.4	193.8	14,300	155
160							6.6	173.8	13,500	160



149,600 lb
+
60,400 lb

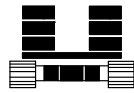


173.9 ft

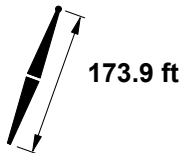


90.0 ft

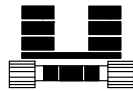
	87°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
40	74.8	268.3	72,300 d							40
45	71.4	266.8	71,900 c							45
50	68.0	265.0	71,500 b							50
55	64.6	262.8	71,100 b							55
58	62.4	261.2	68,700 b	70.8	265.3	72,000 c				58
60	61.0	260.2	67,100	69.5	264.6	70,900 c				60
65	57.3	257.2	63,300	66.0	262.5	66,900 b				65
70	53.4	253.8	59,900	62.5	260.1	63,100 b				70
72	51.8	252.2	58,600	61.0	259.0	61,700 b	67.4	261.9	59,300 b	72
75	49.3	249.8	56,600	58.8	257.3	59,600	65.3	260.6	56,400 b	75
80	45.0	245.1	53,600	55.0	254.0	55,500	61.8	258.1	52,000 b	80
85	40.3	239.7	50,900	51.1	250.3	51,500	58.1	255.2	48,200	85
90	35.1	233.2	48,300	46.8	245.9	47,900	54.2	251.9	44,900	90
94	30.3	226.8	46,400	43.2	241.9	45,400	51.0	248.8	42,500	94
95	29.1	225.2	45,900	42.3	240.8	44,800	50.2	248.0	41,900	95
100	21.6	214.7	43,700	37.3	234.8	42,000	45.9	243.5	39,300	100
105	9.9	197.0	39,300	31.7	227.6	39,500	41.3	238.2	37,000	105
106	5.0	189.4	36,000	30.3	225.7	39,000	40.3	237.0	36,500	106
110				25.0	218.3	37,200	36.2	232.0	34,800	110
115				15.9	204.9	35,100	30.4	224.4	32,900	115
118				5.6	189.0	33,900	26.2	218.5	31,800	118
120							23.4	214.6	31,100	120
125							13.3	199.5	29,400	125
127							5.5	187.4	28,700	127
130										130
135										135
140										140
142										142
145										145
150										150
155										155
156										156
160										160
165										165
170										170



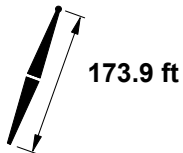
149,600 lb
+
60,400 lb



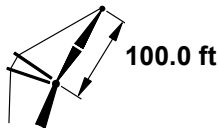
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
40										40
45										45
50										50
55										55
58										58
60										60
65										65
70										70
72										72
75										75
80										80
85										85
90										90
94	62.3	255.0	37,700 b							94
95	61.6	254.5	37,200 b							95
100	57.9	251.6	34,900							100
105	54.1	248.2	32,700							105
106	53.3	247.4	32,400							106
110	50.0	244.3	30,800							110
115	45.7	239.8	29,100	57.5	246.5	25,400				115
118	43.0	236.6	28,200	55.1	244.4	24,500				118
120	41.1	234.5	27,500	53.6	243.0	24,000				120
125	36.0	228.2	26,100	49.5	239.1	22,700				125
127	33.7	225.2	25,500	47.8	237.2	22,200				127
130	30.2	220.6	24,700	45.2	234.5	21,500				130
135	23.0	210.6	23,500	40.5	229.1	20,400	52.8	236.3	17,400	135
140	12.6	195.0	22,300	35.3	222.7	19,400	48.6	232.2	16,500	140
142	3.6	181.0	21,800	33.0	219.5	19,000	46.9	230.3	16,200	142
145				29.4	214.8	18,500	44.2	227.4	15,700	145
150				22.1	204.4	17,500	39.5	221.8	14,900	150
155				10.8	187.4	16,600	34.2	215.1	14,200	155
156				6.5	180.8	16,500	32.9	213.5	14,000	156
160							28.0	206.8	13,500	160
165							20.2	195.7	12,800	165
170							6.2	174.3	12,100	170



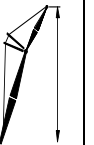
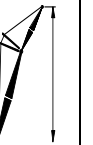
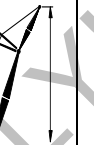
149,600 lb
+
60,400 lb

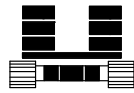


173.9 ft

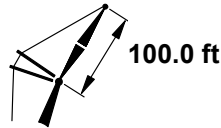
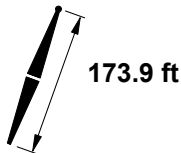


100.0 ft

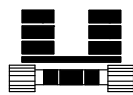
	 87°			 83°			 80°			
	 ft	 ft	 lb	 ft	 lb	 ft	 lb	 ft		
43	74.5	277.9	66,600 c					43		
45	73.4	277.3	66,400 c					45		
50	70.3	275.7	66,000 b					50		
55	67.3	273.7	65,600 b					55		
60	64.1	271.5	64,900					60		
61	63.5	270.9	64,200	71.0	274.8	66,200 c		61		
65	60.9	268.9	61,400	68.5	273.4	64,600 b		65		
70	57.6	265.9	58,200	65.4	271.2	61,200 b		70		
75	54.1	262.5	55,200	62.2	268.8	57,900	67.9	75		
80	50.5	258.6	52,400	59.0	266.0	54,900	64.8	80		
85	46.6	254.2	49,800	55.5	262.7	51,200	61.6	85		
90	42.6	249.1	47,300	52.0	259.1	47,600	58.3	90		
95	38.1	243.3	45,100	48.3	254.9	44,500	54.8	95		
98	35.2	239.1	43,900	45.9	252.0	42,900	52.7	98		
100	33.2	236.3	43,000	44.3	250.1	41,700	51.3	100		
105	27.6	227.8	41,000	40.0	244.6	39,200	47.5	105		
110	20.5	216.6	39,100	35.3	238.1	37,000	43.5	110		
115	9.4	197.8	35,100	30.0	230.3	34,900	39.1	115		
116	4.8	189.8	32,200	28.8	228.3	34,500	38.2	116		
120				23.7	220.5	33,000	34.3	120		
125				15.0	206.2	31,300	28.9	125		
128				5.3	189.5	30,200	24.9	128		
130							22.2	130		
135							12.6	135		
137							5.2	137		
140								140		
141								141		
145								145		
150								150		
152								152		
155								155		
160								160		
165								165		
166								166		
170								170		
175								175		
180								180		



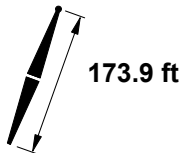
149,600 lb
+
60,400 lb



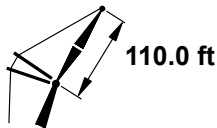
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
43										43
45										45
50										50
55										55
60										60
61										61
65										65
70										70
75										75
80										80
85										85
90										90
95										95
98	62.7	264.2	35,300							98
100	61.4	263.2	34,400							100
105	58.1	260.3	32,300							105
110	54.7	256.9	30,500							110
115	51.1	253.2	28,700							115
116	50.3	252.3	28,400							116
120	47.3	248.8	27,200	57.7	255.1	23,500				120
125	43.3	243.9	25,700	54.3	251.8	22,300				125
128	40.6	240.4	24,900	52.1	249.5	21,600				128
130	38.9	238.1	24,400	50.6	247.9	21,100				130
135	34.1	231.4	23,200	46.8	243.5	20,000				135
137	31.9	228.1	22,700	45.2	241.5	19,600				137
140	28.6	223.2	22,000	42.8	238.5	19,000				140
141	27.2	221.0	21,800	41.9	237.3	18,800	52.8	244.3	15,900	141
145	21.8	212.5	21,000	38.4	232.7	18,100	49.9	241.1	15,300	145
150	12.0	196.1	19,900	33.5	225.8	17,200	46.0	236.5	14,500	150
152	3.4	181.3	19,500	31.2	222.4	16,900	44.3	234.5	14,200	152
155				27.9	217.3	16,400	41.9	231.3	13,800	155
160				20.9	206.3	15,600	37.4	225.3	13,100	160
165				10.2	188.3	14,800	32.4	218.1	12,500	165
166				6.2	181.4	14,700	31.2	216.3	12,400	166
170							26.5	209.3	11,900	170
175							19.1	197.4	11,300	175
180							5.9	174.8	10,700	180



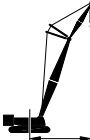
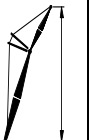
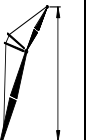
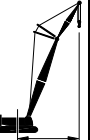
149,600 lb
+
60,400 lb

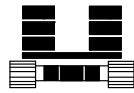


173.9 ft

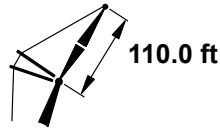
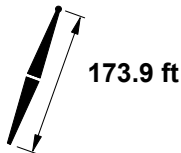


110.0 ft

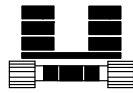
	 87°			 83°			 80°			
	 ft	 ft	 lb	 ft	 lb	 ft	 lb	 ft		
45	74.9	287.7	51,900 c					45		
50	72.2	286.2	50,900 b					50		
55	69.4	284.5	50,000 b					55		
60	66.6	282.5	49,100					60		
65	63.8	280.2	48,200	70.6	284.0	50,600 b		65		
70	60.8	277.5	47,300	67.8	282.1	49,900 b		70		
75	57.8	274.6	46,500	65.0	279.9	49,100		75		
79	55.3	271.9	45,900	62.6	277.9	48,500	67.8	79		
80	54.6	271.2	45,700	62.0	277.4	48,400	67.2	80		
85	51.4	267.4	45,000	59.1	274.6	47,700	64.4	85		
90	48.0	263.2	44,200	56.0	271.4	47,000	61.4	90		
95	44.4	258.4	43,300	52.8	267.8	44,500	58.4	95		
100	40.5	252.9	41,300	49.4	263.8	41,700	55.3	100		
103	38.0	249.1	40,200	47.3	261.1	40,200	53.4	103		
105	36.3	246.6	39,500	45.9	259.3	39,200	52.1	105		
110	31.6	239.2	37,800	42.1	254.1	37,000	48.7	110		
115	26.3	230.2	36,200	38.1	248.1	34,900	45.1	115		
120	19.6	218.3	34,600	33.6	241.2	33,100	41.3	120		
125	9.0	198.6	31,600	28.6	232.9	31,400	37.2	125		
126	4.5	190.2	29,000	27.4	230.9	31,100	36.3	126		
130				22.6	222.5	29,800	32.7	130		
135				14.3	207.5	28,300	27.5	135		
138				5.0	189.9	27,400	23.7	138		
140							21.2	140		
145							12.0	145		
147							4.9	147		
150								150		
155								155		
160								160		
162								162		
165								165		
170								170		
175								175		
176								176		
180								180		
185								185		
190								190		



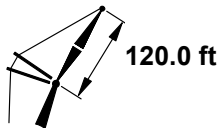
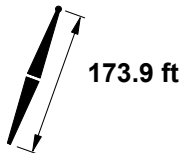
149,600 lb
+
60,400 lb



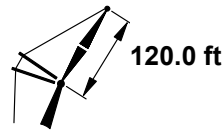
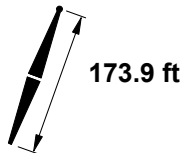
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
45										45
50										50
55										55
60										60
65										65
70										70
75										75
79										79
80										80
85										85
90										90
95										95
100										100
103	62.5	272.9	33,100							103
105	61.3	271.8	32,300							105
110	58.3	268.9	30,400							110
115	55.2	265.6	28,700							115
120	51.9	262.0	27,100							120
125	48.5	257.8	25,700	57.9	263.8	22,200				125
126	47.8	256.8	25,500	57.3	263.1	22,000				126
130	45.0	253.1	24,400	54.8	260.5	21,100				130
135	41.2	247.7	23,200	51.5	256.7	20,000				135
138	38.7	244.0	22,500	49.5	254.2	19,400				138
140	37.0	241.6	22,100	48.1	252.5	19,000				140
145	32.5	234.4	21,000	44.5	247.7	18,100				145
147	30.4	230.9	20,600	43.0	245.6	17,800	52.8	252.3	14,900	147
150	27.2	225.7	20,000	40.7	242.3	17,200	50.8	249.9	14,500	150
155	20.8	214.4	19,100	36.5	236.0	16,400	47.4	245.6	13,800	155
160	11.4	197.1	18,200	31.9	228.7	15,700	43.7	240.7	13,100	160
162	3.2	181.6	17,800	29.7	225.1	15,400	42.2	238.4	12,900	162
165				26.5	219.7	14,900	39.8	235.1	12,500	165
170				19.9	208.1	14,300	35.6	228.6	11,900	170
175				9.7	189.2	13,600	30.8	221.0	11,400	175
176				5.9	181.9	13,400	29.7	219.1	11,200	176
180							25.3	211.6	10,800	180
185							18.2	199.0	10,300	185
190							5.6	175.3	9,700	190



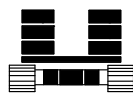
149,600 lb
+
60,400 lb



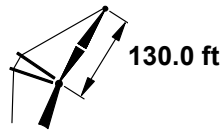
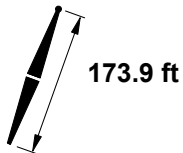
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
48	74.7	297.2	48,500 c							48
50	73.7	296.7	48,100 b							50
55	71.2	295.1	47,200 b							55
60	68.7	293.3	46,400							60
65	66.1	291.2	45,600							65
68	64.5	289.8	45,200	70.7	293.6	47,300 b				68
70	63.4	288.8	44,900	69.7	292.9	47,000 b				70
75	60.7	286.2	44,100	67.2	290.9	46,300				75
80	58.0	283.2	43,500	64.5	288.6	45,700				80
83	56.2	281.2	43,100	62.9	287.1	45,300	67.7	289.8	46,100	83
85	55.1	279.9	42,800	61.9	286.1	45,100	66.6	289.0	45,900	85
90	52.1	276.2	42,200	59.1	283.3	44,500	64.0	286.7	44,100	90
95	49.1	272.1	41,500	56.3	280.1	43,700	61.3	284.1	41,200	95
100	45.8	267.5	40,400	53.4	276.6	41,400	58.6	281.2	38,600	100
105	42.4	262.4	38,700	50.4	272.7	38,900	55.7	278.0	36,300	105
107	40.9	260.0	38,100	49.1	270.9	38,000	54.5	276.5	35,400	107
110	38.7	256.5	37,100	47.2	268.3	36,700	52.8	274.4	34,200	110
115	34.7	249.8	35,500	43.8	263.4	34,700	49.7	270.4	32,300	115
120	30.3	242.0	34,000	40.3	257.8	32,800	46.5	265.9	30,500	120
125	25.1	232.4	32,700	36.4	251.5	31,100	43.1	260.8	29,000	125
130	18.7	220.0	31,300	32.2	244.2	29,600	39.5	255.2	27,500	130
131	16.7	215.9	30,700	31.2	242.4	29,300	38.7	253.9	27,200	131
135	8.6	199.4	28,600	27.4	235.4	28,100	35.6	248.7	26,100	135
136	4.3	190.6	26,200	26.2	233.2	27,900	34.7	247.1	25,900	136
140				21.6	224.4	26,800	31.3	241.1	24,900	140
145				13.7	208.7	25,500	26.3	232.0	23,700	145
148				4.8	190.3	24,700	22.7	225.0	23,100	148
150							20.2	220.3	22,600	150
153							15.0	209.8	22,000	153
155							11.5	202.7	21,600	155
157							4.7	188.7	21,100	157
160										160
165										165
170										170
172										172
175										175
180										180
185										185
186										186
190										190
195										195
200										200

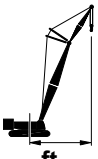
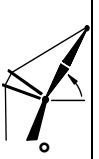
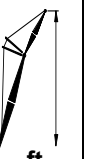


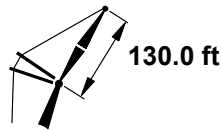
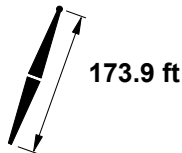
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
48										48
50										50
55										55
60										60
65										65
68										68
70										70
75										75
80										80
83										83
85										85
90										90
95										95
100										100
105										105
107	62.8	282.1	31,100							107
110	61.2	280.5	30,000							110
115	58.4	277.6	28,300							115
120	55.6	274.3	26,800							120
125	52.6	270.7	25,300							125
130	49.6	266.7	24,000							130
131	48.9	265.8	23,800	57.5	271.8	20,400				131
135	46.4	262.2	22,800	55.2	269.2	19,600				135
136	45.7	261.2	22,600	54.6	268.4	19,400				136
140	43.0	257.1	21,700	52.3	265.5	18,600				140
145	39.3	251.4	20,700	49.2	261.4	17,700				145
148	37.0	247.5	20,100	47.3	258.7	17,200				148
150	35.4	244.8	19,700	46.0	256.9	16,900				150
153	32.8	240.3	19,200	43.9	253.8	16,400	52.9	260.3	13,600	153
155	31.0	237.2	18,800	42.5	251.7	16,100	51.6	258.7	13,400	155
157	29.0	233.5	18,500	41.1	249.4	15,800	50.4	257.0	13,100	157
160	26.0	228.0	18,000	38.9	245.9	15,300	48.5	254.5	12,700	160
165	19.9	216.2	17,200	34.9	239.3	14,600	45.3	249.8	12,100	165
170	10.9	198.1	16,400	30.5	231.5	13,900	41.8	244.6	11,500	170
172	3.1	181.8	16,000	28.4	227.7	13,700	40.3	242.2	11,300	172
175				25.4	222.0	13,300	38.1	238.6	11,000	175
180				19.1	209.8	12,700	34.0	231.7	10,500	180
185				9.3	190.0	12,100	29.5	223.6	9,900	185
186				5.7	182.4	12,000	28.4	221.7	9,800	186
190							24.2	213.8	9,400	190
195							17.5	200.6	8,900	195
200							5.4	175.8	8,400	200



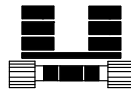
149,600 lb
+
60,400 lb



	87°			83°			80°			
										
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
50	75.0	307.1	45,300 b							50
55	72.7	305.6	44,500 b							55
60	70.4	304.0	43,800							60
65	68.0	302.1	43,100							65
70	65.6	299.9	42,400							70
71	65.1	299.4	42,300	70.9	303.1	44,000				71
75	63.2	297.5	41,800	69.0	301.7	43,600				75
80	60.7	294.8	41,200	66.6	299.6	43,000				80
85	58.1	291.9	40,500	64.2	297.3	42,400				85
87	57.1	290.6	40,300	63.2	296.3	42,200	67.6	299.0	42,800	87
90	55.5	288.6	40,000	61.7	294.8	41,900	66.1	297.7	42,600	90
95	52.8	285.0	38,800	59.2	291.9	41,400	63.7	295.4	41,000	95
100	50.0	281.0	37,500	56.6	288.8	40,700	61.2	292.8	38,400	100
105	47.0	276.6	36,300	53.9	285.3	38,700	58.7	289.9	36,000	105
110	43.9	271.7	35,100	51.1	281.5	36,500	56.1	286.7	33,900	110
112	42.6	269.4	34,600	50.0	279.8	35,700	55.0	285.2	33,200	112
115	40.6	266.2	33,900	48.2	277.3	34,500	53.4	283.1	32,000	115
120	37.1	260.0	32,800	45.2	272.6	32,600	50.6	279.2	30,300	120
125	33.3	252.9	31,800	42.0	267.3	30,900	47.6	274.9	28,700	125
130	29.0	244.6	30,800	38.6	261.4	29,400	44.6	270.1	27,300	130
135	24.1	234.6	29,800	34.9	254.7	28,000	41.4	264.7	25,900	135
136	22.9	232.0	29,500	34.1	253.2	27,700	40.7	263.5	25,700	136
140	18.0	221.6	28,600	30.9	247.0	26,600	37.9	258.7	24,700	140
145	8.3	200.1	26,000	26.3	237.8	25,400	34.1	251.8	23,600	145
146	4.2	191.0	23,800	25.2	235.5	25,200	33.3	250.2	23,300	146
150				20.7	226.3	24,200	30.0	243.8	22,500	150
155				13.2	209.9	23,100	25.2	234.3	21,500	155
158				4.6	190.7	22,500	21.8	226.9	20,900	158
159							20.6	224.5	20,700	159
160							19.4	222.1	20,500	160
165							11.1	203.7	19,600	165
167							4.5	189.1	19,200	167
170										170
175										175
180										180
182										182
185										185
190										190
195										195
196										196
200										200
205										205
210										210



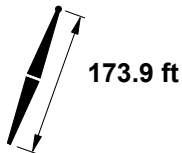
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	ft	lb	ft	
50										50
55										55
60										60
65										65
70										70
71										71
75										75
80										80
85										85
87										87
90										90
95										95
100										100
105										105
110										110
112	62.6	290.8	29,000							112
115	61.1	289.2	28,100							115
120	58.6	286.3	26,500							120
125	55.9	283.0	25,100							125
130	53.2	279.5	23,800							130
135	50.4	275.5	22,600							135
136	49.8	274.7	22,400	57.7	280.5	19,100				136
140	47.5	271.2	21,500	55.6	277.9	18,400				140
145	44.4	266.4	20,500	52.9	274.3	17,400				145
146	43.8	265.3	20,300	52.3	273.5	17,300				146
150	41.2	261.0	19,500	50.1	270.3	16,600				150
155	37.7	254.9	18,600	47.2	265.9	15,800				155
158	35.5	250.7	18,100	45.3	263.0	15,400				158
159	34.7	249.4	18,000	44.7	262.0	15,200	52.9	268.3	12,600	159
160	34.0	248.0	17,800	44.1	261.0	15,100	52.3	267.5	12,400	160
165	29.8	239.9	17,000	40.8	255.5	14,400	49.5	263.4	11,800	165
167	27.9	236.1	16,700	39.4	253.1	14,100	48.3	261.6	11,600	167
170	25.0	230.3	16,200	37.3	249.4	13,700	46.5	258.9	11,200	170
175	19.1	217.9	15,500	33.5	242.3	13,100	43.4	253.9	10,700	175
180	10.5	199.0	14,800	29.3	234.1	12,500	40.1	248.3	10,100	180
182	3.0	182.1	14,500	27.3	230.2	12,300	38.7	245.8	9,900	182
185				24.4	224.2	12,000	36.5	242.0	9,600	185
190				18.3	211.4	11,400	32.6	234.7	9,100	190
195				9.0	190.8	10,900	28.3	226.2	8,600	195
196				5.4	182.9	10,800	27.3	224.1	8,600	196
200							23.2	215.9	8,200	200
205							16.8	202.1	7,700	205
210							5.1	176.3	7,300	210



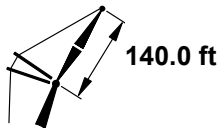
149,600 lb
+
60,400 lb



360°

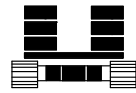


173.9 ft

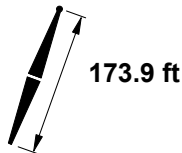


140.0 ft

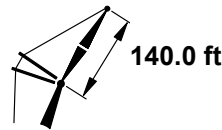
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
53	74.8	316.6	42,000 b							53
55	74.0	316.1	41,700 b							55
60	71.8	314.5	41,000							60
65	69.7	312.8	40,500							65
70	67.5	310.8	39,800							70
75	65.2	308.6	39,200	70.6	312.3	40,700				75
80	63.0	306.2	38,700	68.4	310.4	40,200				80
85	60.6	303.5	37,900	66.2	308.3	39,700				85
90	58.3	300.6	36,600	63.9	306.0	39,200	67.9	308.6	39,700	90
95	55.8	297.3	35,300	61.6	303.4	38,700	65.7	306.4	39,300	95
100	53.3	293.8	34,000	59.3	300.6	37,400	63.4	304.1	38,000	100
105	50.7	289.9	32,800	56.8	297.5	36,200	61.1	301.4	35,700	105
110	48.0	285.6	31,600	54.4	294.1	34,900	58.8	298.5	33,600	110
115	45.2	280.8	30,400	51.8	290.3	33,600	56.3	295.4	31,700	115
116	44.6	279.8	30,200	51.3	289.5	33,400	55.8	294.7	31,400	116
120	42.2	275.6	29,300	49.2	286.2	32,300	53.9	291.9	30,000	120
125	39.1	269.8	28,300	46.4	281.6	30,700	51.3	288.0	28,400	125
130	35.7	263.2	27,200	43.5	276.6	29,100	48.6	283.8	27,000	130
135	32.1	255.8	26,300	40.4	271.1	27,700	45.8	279.2	25,600	135
140	28.0	247.1	25,400	37.2	264.8	26,400	42.9	274.1	24,400	140
141	27.0	245.1	25,200	36.5	263.4	26,100	42.3	272.9	24,200	141
145	23.2	236.7	24,600	33.6	257.8	25,100	39.8	268.4	23,200	145
150	17.3	223.2	23,900	29.7	249.7	24,000	36.5	262.0	22,200	150
155	8.0	200.9	23,500	25.3	240.1	22,900	32.9	254.8	21,200	155
156	4.0	191.3	21,600	24.2	237.7	22,700	32.1	253.1	21,000	156
160				20.0	228.1	21,900	28.9	246.4	20,200	160
165				12.7	211.0	21,000	24.3	236.4	19,400	165
168				4.5	191.1	20,400	21.0	228.8	18,900	168
170							18.7	223.8	18,500	170
175							10.6	204.7	17,700	175
177							4.4	189.5	17,400	177
180										180
185										185
190										190
192										192
195										195
200										200
205										205
206										206
210										210
215										215
220										220



149,600 lb
+
60,400 lb

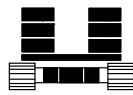


173.9 ft

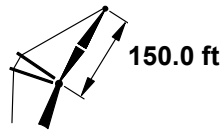
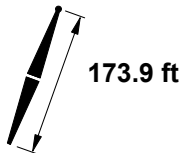


140.0 ft

	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
53										53
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
116	62.9	300.0	27,300							116
120	61.0	297.8	26,100							120
125	58.7	294.9	24,700							125
130	56.2	291.7	23,400							130
135	53.7	288.2	22,200							135
140	51.2	284.4	21,100							140
141	50.6	283.5	20,900	57.9	289.2	17,700				141
145	48.5	280.2	20,100	55.9	286.6	17,000				145
150	45.7	275.5	19,200	53.4	283.0	16,200				150
155	42.7	270.4	18,300	50.8	279.1	15,400				155
156	42.1	269.2	18,100	50.3	278.3	15,300				156
160	39.6	264.6	17,400	48.1	274.9	14,700				160
165	36.3	258.2	16,700	45.3	270.2	14,000	52.9	276.3	11,200	165
168	34.1	253.9	16,200	43.6	267.0	13,600	51.3	273.9	10,900	168
170	32.7	251.0	15,900	42.4	265.0	13,400	50.3	272.3	10,600	170
175	28.7	242.5	15,200	39.3	259.2	12,800	47.6	267.9	10,100	175
177	26.8	238.5	15,000	37.9	256.6	12,500	46.4	266.0	9,900	177
180	24.1	232.5	14,600	35.9	252.7	12,200	44.7	263.1	9,500	180
185	18.4	219.6	13,900	32.2	245.3	11,600	41.7	257.8	9,000	185
190	10.1	199.9	13,300	28.2	236.7	11,100	38.6	251.9	8,600	190
192	2.9	182.4	13,000	26.3	232.6	10,900	37.2	249.2	8,400	192
195				23.5	226.4	10,600	35.2	245.2	8,100	195
200				17.6	213.0	10,100	31.4	237.6	7,700	200
205				8.6	191.6	9,600	27.2	228.7	7,300	205
206				5.2	183.4	9,500	26.3	226.5	7,200	206
210							22.4	217.9	6,800	210
215							16.2	203.6	6,400	215
220							5.0	176.7	6,000	220



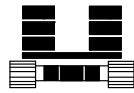
149,600 lb
+
60,400 lb



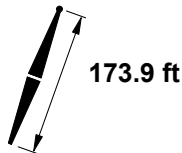
	87°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft	ft	
56	74.7	326.2	39,000 b							56
60	73.1	325.0	38,500							60
65	71.1	323.4	38,000							65
70	69.0	321.6	37,300							70
75	67.0	319.6	36,800							75
78	65.7	318.2	36,400	70.7	321.9	37,700				78
80	64.9	317.3	36,200	69.9	321.1	37,600				80
85	62.8	314.9	34,800	67.8	319.2	37,100				85
90	60.6	312.2	33,600	65.8	317.1	36,600				90
94	58.8	309.8	32,600	64.1	315.2	35,800	67.8	317.7	36,700	94
95	58.4	309.2	32,300	63.7	314.7	35,600	67.4	317.3	36,600	95
100	56.1	306.0	31,100	61.5	312.1	34,300	65.3	315.1	36,300	100
105	53.8	302.5	29,900	59.3	309.3	33,100	63.2	312.7	35,200	105
110	51.4	298.7	28,800	57.1	306.2	31,900	61.1	310.1	33,500	110
115	48.9	294.5	27,600	54.8	302.8	30,700	58.9	307.2	31,600	115
120	46.3	289.9	26,600	52.4	299.1	29,500	56.6	304.0	29,900	120
121	45.7	288.9	26,300	51.9	298.3	29,300	56.1	303.3	29,600	121
125	43.6	284.9	25,400	49.9	295.1	28,300	54.3	300.6	28,300	125
130	40.7	279.4	24,400	47.4	290.7	27,300	51.9	296.8	26,900	130
135	37.7	273.3	23,500	44.7	285.8	26,200	49.4	292.7	25,500	135
140	34.5	266.4	22,500	41.9	280.5	25,100	46.9	288.3	24,300	140
145	30.9	258.6	21,700	39.0	274.7	24,200	44.2	283.3	23,200	145
147	29.4	255.0	21,400	37.7	272.1	23,800	43.0	281.2	22,800	147
150	27.0	249.6	20,900	35.9	268.1	23,200	41.4	277.9	22,100	150
155	22.4	238.7	20,100	32.5	260.8	22,300	38.4	271.9	21,100	155
160	16.7	224.7	19,400	28.7	252.3	21,400	35.2	265.3	20,200	160
165	7.7	201.5	18,900	24.4	242.3	20,600	31.7	257.7	19,300	165
166	3.9	191.7	18,900	23.4	239.8	20,500	31.0	255.9	19,200	166
170				19.3	229.8	19,900	27.9	249.0	18,500	170
171				17.9	226.3	19,800	27.0	246.9	18,300	171
175				12.3	212.1	19,200	23.5	238.6	17,700	175
178				4.3	191.5	18,700	20.2	230.6	17,300	178
180							18.1	225.4	17,000	180
185							10.3	205.6	16,200	185
187							4.2	189.9	15,900	187
190										190
195										195
200										200
202										202
205										205
210										210
215										215
216										216
220										220
230										230

MLC200 S-2

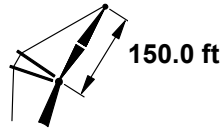
ASME B30.5



149,600 lb
+
60,400 lb

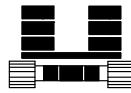


173.9 ft

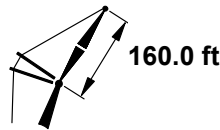
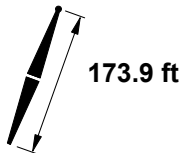


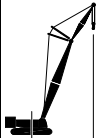
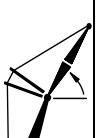
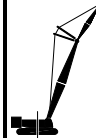
150.0 ft

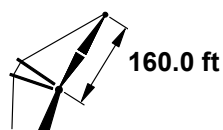
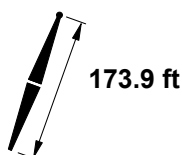
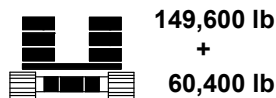
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
56										56
60										60
65										65
70										70
75										75
78										78
80										80
85										85
90										90
94										94
95										95
100										100
105										105
110										110
115										115
120										120
121	62.7	308.6	25,700							121
125	61.0	306.5	24,600							125
130	58.8	303.6	23,300							130
135	56.5	300.4	22,100							135
140	54.2	296.9	21,000							140
145	51.8	293.2	20,000							145
147	50.8	291.5	19,600	57.6	297.2	16,600				147
150	49.3	289.1	19,100	56.2	295.3	16,100				150
155	46.7	284.6	18,200	53.9	291.8	15,300				155
160	44.0	279.6	17,400	51.5	288.0	14,600				160
165	41.2	274.2	16,600	49.0	283.8	13,900				165
166	40.6	273.0	16,500	48.5	282.9	13,800				166
170	38.2	268.2	15,900	46.4	279.3	13,300				170
171	37.6	266.8	15,700	45.9	278.3	13,200	52.9	284.3	10,400	171
175	35.0	261.5	15,200	43.7	274.3	12,700	51.0	281.1	9,900	175
178	32.9	256.9	14,800	42.0	271.0	12,300	49.5	278.6	9,600	178
180	31.6	253.8	14,500	40.9	268.8	12,100	48.5	276.9	9,400	180
185	27.7	245.0	13,900	37.9	262.7	11,600	45.9	272.2	8,900	185
187	25.9	240.8	13,700	36.6	259.9	11,400	44.8	270.2	8,700	187
190	23.2	234.5	13,300	34.6	255.9	11,100	43.1	267.2	8,400	190
195	17.8	221.2	12,800	31.1	248.1	10,600	40.3	261.5	8,000	195
200	9.8	200.8	12,200	27.2	239.2	10,100	37.2	255.3	7,600	200
202	2.8	182.6	11,900	25.4	234.9	9,900	35.9	252.5	7,400	202
205				22.7	228.4	9,600	33.9	248.3	7,100	205
210				17.0	214.6	9,200	30.3	240.3	6,800	210
215				8.3	192.3	8,800	26.3	231.1	6,400	215
216				5.1	183.8	8,700	25.4	228.8	6,300	216
220							21.6	219.8	6,000	220
230							4.8	177.1	5,200	230



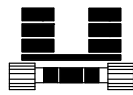
149,600 lb
+
60,400 lb



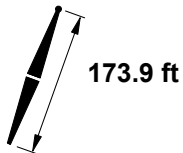
	 87°			 83°			 80°			
	 ft	 ft	 lb	 ft	 lb	 ft	 lb	 ft		
58	74.9	336.0	36,200 b					58		
60	74.2	335.4	35,900					60		
65	72.3	333.9	35,400					65		
70	70.4	332.2	34,800					70		
75	68.5	330.4	34,300					75		
80	66.6	328.3	33,000					80		
81	66.2	327.8	32,700	70.8	331.4	34,800		81		
85	64.6	326.0	31,800	69.3	329.9	34,400		85		
90	62.6	323.5	30,500	67.4	328.0	33,500		90		
95	60.6	320.8	29,300	65.4	325.8	32,300		95		
98	59.3	319.1	28,600	64.2	324.3	31,600	67.8	326.9	33,400	98
100	58.5	317.9	28,100	63.4	323.4	31,100	67.0	326.1	33,000	100
105	56.4	314.7	27,000	61.4	320.8	30,000	65.0	323.8	31,900	105
110	54.2	311.2	25,800	59.4	317.9	28,800	63.0	321.4	30,800	110
115	51.9	307.5	24,700	57.2	314.8	27,600	61.0	318.8	29,700	115
120	49.6	303.4	23,600	55.1	311.5	26,500	58.9	315.9	28,500	120
125	47.2	298.9	22,500	52.9	307.8	25,400	56.8	312.7	27,400	125
130	44.7	294.1	21,500	50.6	303.9	24,300	54.6	309.3	26,300	130
135	42.1	288.8	20,500	48.2	299.6	23,200	52.4	305.6	25,200	135
140	39.4	283.0	19,600	45.8	295.0	22,200	50.1	301.6	24,000	140
145	36.5	276.6	18,700	43.2	289.9	21,100	47.7	297.2	22,900	145
150	33.4	269.5	17,900	40.6	284.3	20,200	45.3	292.5	21,800	150
152	32.0	266.2	17,600	39.4	281.8	19,800	44.2	290.4	21,400	152
155	29.9	261.3	17,100	37.7	278.2	19,200	42.7	287.3	20,800	155
160	26.1	251.9	16,400	34.7	271.3	18,400	40.0	281.6	19,900	160
165	21.7	240.7	15,600	31.4	263.6	17,600	37.1	275.4	19,000	165
170	16.2	226.1	15,000	27.8	254.8	16,800	34.0	268.4	18,200	170
175	7.4	202.2	14,200	23.6	244.4	16,000	30.7	260.5	17,400	175
176	3.8	192.0	14,100	22.6	241.8	15,900	29.9	258.7	17,300	176
177				21.7	239.3	15,700	29.2	256.8	17,200	177
180				18.7	231.5	15,400	27.0	251.4	16,700	180
185				11.9	213.2	14,600	22.7	240.6	16,000	185
188				4.2	191.9	14,100	19.6	232.4	15,600	188
190							17.5	226.9	15,300	190
195							10.0	206.5	14,500	195
197							4.1	190.2	14,200	197
200										200
205										205
210										210
212										212
215										215
220										220
225										225
226										226



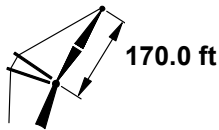
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
58										58
60										60
65										65
70										70
75										75
80										80
81										81
85										85
90										90
95										95
98										98
100										100
105										105
110										110
115										115
120										120
125	62.9	317.8	24,200							125
130	60.9	315.1	22,900							130
135	58.8	312.2	21,800							135
140	56.7	309.1	20,700							140
145	54.5	305.7	19,700							145
150	52.3	302.0	18,700							150
152	51.4	300.3	18,400	57.7	305.9	15,400				152
155	50.0	297.9	17,800	56.5	304.0	14,900				155
160	47.6	293.6	17,000	54.3	300.5	14,200				160
165	45.2	288.8	16,300	52.0	296.8	13,500				165
170	42.6	283.6	15,500	49.7	292.7	12,900				170
175	39.9	277.9	14,900	47.3	288.3	12,300				175
176	39.3	276.6	14,700	46.8	287.3	12,200				176
177	38.7	275.4	14,600	46.3	286.3	12,100	52.9	292.3	9,100	177
180	37.0	271.6	14,200	44.9	283.5	11,700	51.6	289.9	8,800	180
185	33.9	264.6	13,600	42.3	278.2	11,200	49.2	285.8	8,300	185
188	31.9	259.8	13,300	40.6	274.7	10,900	47.8	283.1	8,000	188
190	30.5	256.6	13,000	39.5	272.4	10,700	46.8	281.3	7,900	190
195	26.8	247.5	12,500	36.6	266.0	10,200	44.3	276.4	7,400	195
197	25.1	243.1	12,300	35.4	263.2	10,000	43.3	274.2	7,300	197
200	22.5	236.6	11,900	33.5	258.9	9,800	41.7	271.0	7,000	200
205	17.2	222.7	11,400	30.1	250.9	9,300	38.9	265.1	6,600	205
210	9.5	201.6	10,900	26.3	241.5	8,900	36.0	258.6	6,200	210
212	2.7	182.8	10,700	24.6	237.1	8,700	34.7	255.7	6,100	212
215				21.9	230.4	8,400	32.8	251.3	5,900	215
220				16.5	216.0	8,000	29.3	243.0	5,500	220
225				8.1	193.1	7,600	25.5	233.4	5,200	225
226				4.9	184.3	7,500				226



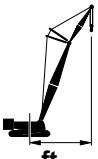
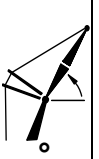
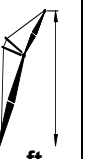
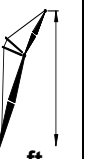
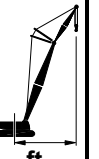
149,600 lb
+
60,400 lb

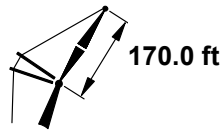
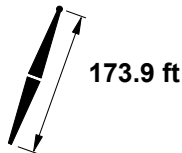


173.9 ft



170.0 ft

	87°			83°			80°			
										
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
61	74.8	345.5	33,400							61
65	73.4	344.4	32,900							65
70	71.6	342.8	32,400							70
75	69.8	341.1	31,500							75
80	68.0	339.1	30,400							80
84	66.5	337.4	29,400	70.9	340.9	31,500				84
85	66.2	337.0	29,200	70.6	340.6	31,400				85
90	64.3	334.7	28,000	68.8	338.7	30,800				90
95	62.4	332.2	26,800	66.9	336.7	29,700				95
100	60.5	329.5	25,700	65.1	334.5	28,500				100
102	59.7	328.3	25,200	64.4	333.5	28,100	67.7	336.1	29,700	102
105	58.6	326.6	24,600	63.2	332.1	27,400	66.6	334.8	29,200	105
110	56.6	323.4	23,400	61.3	329.4	26,300	64.7	332.5	28,200	110
115	54.5	319.9	22,400	59.4	326.6	25,200	62.8	330.1	27,100	115
120	52.4	316.2	21,300	57.4	323.5	24,100	60.9	327.4	26,000	120
125	50.3	312.2	20,300	55.4	320.2	23,000	59.0	324.5	24,900	125
130	48.0	307.9	19,300	53.3	316.6	22,000	57.0	321.4	23,900	130
135	45.7	303.2	18,400	51.2	312.7	20,900	55.0	318.0	22,800	135
140	43.3	298.2	17,500	49.0	308.5	19,900	52.9	314.4	21,800	140
145	40.8	292.6	16,600	46.7	304.0	18,900	50.7	310.4	20,800	145
150	38.2	286.6	15,800	44.3	299.1	18,000	48.5	306.2	19,800	150
155	35.4	279.9	15,000	41.9	293.8	17,100	46.2	301.6	18,800	155
157	34.1	276.9	14,700	40.8	291.4	16,800	45.3	299.6	18,400	157
160	32.3	272.4	14,200	39.3	287.9	16,200	43.9	296.6	17,900	160
165	29.0	264.0	13,400	36.5	281.5	15,500	41.4	291.2	17,000	165
170	25.3	254.2	12,500	33.6	274.4	14,600	38.7	285.2	16,100	170
175	21.1	242.6	11,600	30.4	266.4	13,900	36.0	278.7	15,300	175
180	15.7	227.5	10,800	26.9	257.3	13,000	33.0	271.4	14,600	180
183	10.6	212.7	10,400	24.5	250.8	12,400	31.0	266.5	14,100	183
185	7.2	202.8	10,200	22.9	246.5	12,000	29.8	263.2	13,800	185
186	3.7	192.3	10,000	22.0	243.8	11,900	29.0	261.3	13,600	186
190				18.1	233.1	11,200	26.2	253.8	12,800	190
195				11.5	214.2	10,400	22.0	242.6	11,900	195
198				4.0	192.3	10,100	19.0	234.1	11,400	198
200							17.0	228.5	11,100	200
205							9.7	207.3	10,400	205
207							4.0	190.6	10,100	207
210										210
215										215
220										220
222										222
225										225
230										230
235										235
236										236



	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
61										61
65										65
70										70
75										75
80										80
84										84
85										85
90										90
95										95
100										100
102										102
105										105
110										110
115										115
120										120
125										125
130	62.8	326.5	22,700							130
135	60.8	323.8	21,500							135
140	58.9	320.9	20,400							140
145	56.9	317.8	19,400							145
150	54.9	314.4	18,500							150
155	52.8	310.7	17,600							155
157	51.9	309.1	17,300	57.9	314.6	14,400				157
160	50.6	306.8	16,800	56.7	312.6	13,900				160
165	48.4	302.5	16,000	54.6	309.2	13,300				165
170	46.1	297.9	15,300	52.5	305.5	12,600				170
175	43.7	292.9	14,600	50.4	301.5	12,000				175
180	41.2	287.4	14,000	48.2	297.2	11,500				180
183	39.7	283.8	13,600	46.8	294.4	11,200	52.9	300.3	8,100	183
185	38.6	281.5	13,400	45.9	292.6	11,000	52.1	298.7	7,900	185
186	38.1	280.1	13,300	45.4	291.6	10,900	51.6	297.9	7,800	186
190	35.8	274.9	12,800	43.5	287.5	10,400	49.9	294.7	7,500	190
195	32.8	267.6	12,300	40.9	282.0	9,900	47.7	290.3	7,000	195
198	30.9	262.6	11,900	39.4	278.4	9,600	46.3	287.4	6,800	198
200	29.6	259.3	11,700	38.3	276.0	9,500	45.4	285.5	6,600	200
205	26.0	249.8	11,200	35.5	269.3	9,000	42.9	280.4	6,200	205
207	24.3	245.3	11,100	34.3	266.3	8,800	41.9	278.1	6,100	207
210	21.8	238.5	10,800	32.5	261.9	8,500	40.4	274.8	5,900	210
215	16.7	224.2	10,300	29.2	253.5	8,100	37.7	268.6	5,500	215
220	9.2	202.5	9,800	25.5	243.8	7,700	34.9	261.8	5,200	220
222	2.6	183.1	9,600	23.8	239.2	7,500				222
225				21.3	232.3	7,300				225
230				16.0	217.5	6,900				230
235				7.8	193.8	6,500				235
236				4.8	184.7	6,400				236