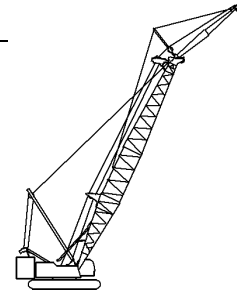


Liftcrane Jib Capacities

Jib No. 134 with 12 ft 6 in. Strut on
 Boom No. 76
 127,000 lb Crane Counterweight
 0 lb Carbody Counterweight
 360 Degree Rating



14000 SERIES 1



LIFTING CAPACITIES: Chart supplements boom capacity chart No. 8768-A. Lifting capacities for various boom lengths, jib lengths, and jib operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities

based on structural competence are denoted by an asterisk (*).

233 ft thru 243 ft boom lengths require only the middle two sheaves in lower boom point. All other sheaves must be removed from lower boom point.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and jib point sheaves, is considered part of jib load. Boom and jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with gantry up. Refer to boom rigging **No. A16106**, Jib Assembly **No. A16462**, Wire Rope Specification chart **No. 8789-A**, and Wind Conditions chart **No. 8790-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 Operator's Manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface and boom within boom angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 8787-A**.



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



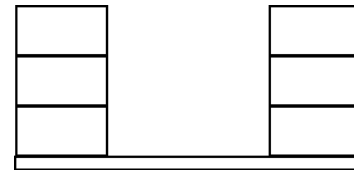
BOOM ANGLE: Boom angle in degrees ($^{\circ}$) is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.



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

MACHINE EQUIPMENT: Machine equipped with 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, 127,000 lb crane counterweight, and 0 lb carbody counterweight.

Maximum capacity on 26 mm wire rope is 31,500 lb per line (20,000 lb on 1 in. wire rope when auxiliary drum is used).



127,000 lb Crane Counterweight
 6 Side Boxes - No Center Box

Boom Catwalks Deduct

Deduct 400 lb from capacities when boom catwalks are attached.

WITHOUT BOOM CATWALKS			
Maximum Boom and Jib Lengths Lifted Unassisted			
Over End of Blocked Crawlers		Over Side of Crawlers	
Boom Length	Jib No. 134	Boom Length	Jib No. 134
(a) 243 ft	—	213 ft	—
233 ft	—	203 ft	—
223 ft	—	194 ft	50 ft
213 ft	50 ft	184 ft	70 ft
203 ft	80 ft	174 ft	80 ft

Load block, hook and weight ball on ground at start.
 (a) Upper boom point cannot be used on 243 ft boom.

Consult jib chart for jib capacities.
 Upper boom point cannot be used when jib is attached.

WITH BOOM CATWALKS			
Maximum Boom and Jib Lengths Lifted Unassisted			
Over End of Blocked Crawlers		Over Side of Crawlers	
Boom Length	Jib No. 134	Boom Length	Jib No. 134
(a) 243 ft	—	213 ft	—
233 ft	—	203 ft	—
223 ft	—	194 ft	40 ft
213 ft	(b) 50 ft	184 ft	70 ft
203 ft	70 ft	174 ft	80 ft
194 ft	80 ft		

Load block, hook and weight ball on ground at start.
 (a) Upper boom point cannot be used on 243 ft boom.
 (b) Requires lowerworks jacking cylinders.

Explanation of Symbols



Jib No. 134
 +
 Boom No. 76



Crane Counterweight
 +
 Carbody Counterweight



360 Degree Rating



Boom Length



Jib Length

Explanation of Symbols (continued)



Boom Angle
(see page 1)



Operating Radius
(see page 1)



Jib Offset Angle



Jib Point Elevation
(see page 1)

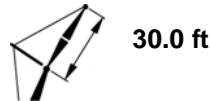
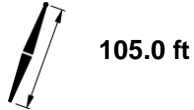
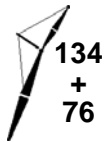


Lifting Capacities
(see page 1)

REFERENCE ONLY

14000 S-1

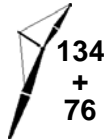
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
30	80.0	140.4	63,000 *							30
35	77.8	139.3	63,000 *	80.0	138.6	60,200 *				35
40	75.6	138.1	63,000 *	77.8	137.3	59,000 *	80.1	135.5	49,800 *	40
45	73.4	136.6	62,000 *	75.6	135.8	58,000 *	77.8	134.0	47,300 *	45
50	71.1	134.9	60,600 *	73.3	134.1	57,000 *	75.5	132.3	45,100 *	50
55	68.9	132.9	59,400 *	71.0	132.1	56,100 *	73.2	130.3	43,100 *	55
60	66.5	130.8	58,200 *	68.7	130.0	55,200 *	70.8	128.1	41,300 *	60
65	64.2	128.4	54,600	66.3	127.5	54,400 *	68.4	125.6	39,700 *	65
70	61.8	125.7	49,000	63.9	124.8	49,900	66.0	122.9	38,300 *	70
75	59.3	122.8	44,300	61.4	121.9	45,100	63.4	119.9	36,900 *	75
80	56.8	119.5	40,300	58.9	118.6	41,000	60.8	116.6	35,700 *	80
85	54.2	115.9	36,800	56.3	115.0	37,400	58.2	112.9	34,600 *	85
90	51.5	112.0	33,700	53.5	111.0	34,300	55.4	108.8	33,600 *	90
95	48.7	107.7	31,000	50.7	106.6	31,500	52.5	104.3	31,900	95
100	45.7	102.8	28,600	47.7	101.8	29,000	49.4	99.4	29,400	100
105	42.6	97.5	26,400	44.6	96.4	26,800	46.2	93.8	27,100	105
110	39.3	91.5	24,400	41.2	90.3	24,800	42.7	87.5	25,000	110
115	35.7	84.8	22,700	37.6	83.4	22,900				115
120	31.8	77.0	21,000	33.6	75.5	21,300				120
125	27.4	67.8	19,500							125
130	22.1	56.3	18,100							130

14000 S-1

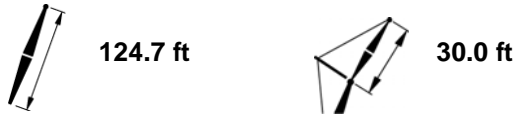
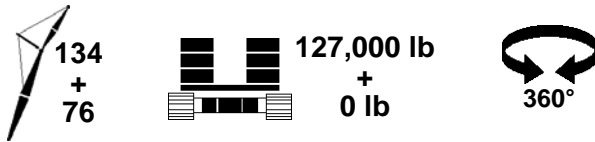
ANSI B30.5



ft	5°			15°			25°			ft
	°	ft	lb	°	ft	lb	°	ft	lb	
30	80.6	150.4	63,000 *							30
35	78.6	149.4	63,000 *	80.7	148.6	60,300 *				35
40	76.6	148.2	63,000 *	78.7	147.5	59,300 *	80.8	145.7	50,700 *	40
45	74.5	146.9	62,400 *	76.6	146.1	58,200 *	78.7	144.3	48,300 *	45
50	72.5	145.3	61,200 *	74.5	144.5	57,300 *	76.6	142.7	46,100 *	50
55	70.4	143.5	60,000 *	72.4	142.7	56,400 *	74.4	140.9	44,100 *	55
60	68.2	141.5	58,800 *	70.3	140.7	55,600 *	72.3	138.8	42,400 *	60
65	66.1	139.3	54,300	68.1	138.5	54,800 *	70.1	136.6	40,800 *	65
70	63.9	136.9	48,700	65.9	136.0	49,600	67.8	134.1	39,300 *	70
75	61.6	134.2	44,000	63.6	133.3	44,800	65.5	131.3	38,000 *	75
80	59.3	131.2	40,000	61.3	130.3	40,700	63.2	128.3	36,800 *	80
85	57.0	128.0	36,500	58.9	127.1	37,100	60.7	125.0	35,700 *	85
90	54.6	124.5	33,400	56.5	123.5	34,000	58.3	121.4	34,500	90
95	52.1	120.6	30,700	54.0	119.6	31,200	55.7	117.4	31,700	95
100	49.5	116.4	28,300	51.4	115.4	28,800	53.0	113.1	29,200	100
105	46.8	111.7	26,100	48.6	110.7	26,500	50.2	108.3	26,900	105
110	43.9	106.6	24,200	45.8	105.5	24,500	47.3	103.0	24,900	110
115	40.9	101.0	22,400	42.7	99.8	22,700	44.2	97.1	23,000	115
120	37.8	94.7	20,700	39.5	93.4	21,000				120
125	34.3	87.5	19,300	36.0	86.1	19,500				125
130	30.5	79.3	17,900	32.1	77.8	18,100				130
135	26.2	69.7	16,600							135
140	21.1	57.7	15,400							140

14000 S-1

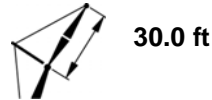
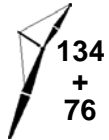
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
35	79.4	159.5	63,000 *							35
40	77.5	158.4	63,000 *	79.4	157.6	59,400 *				40
45	75.6	157.1	62,800 *	77.5	156.3	58,400 *	79.4	154.5	49,100 *	45
50	73.6	155.6	61,600 *	75.6	154.8	57,500 *	77.5	153.0	47,000 *	50
55	71.7	154.0	60,400 *	73.6	153.2	56,700 *	75.5	151.3	45,100 *	55
60	69.7	152.1	59,300 *	71.6	151.3	55,900 *	73.5	149.4	43,300 *	60
65	67.7	150.1	54,000	69.6	149.2	55,000	71.4	147.3	41,800 *	65
70	65.7	147.8	48,500	67.5	147.0	49,400	69.4	145.0	40,300 *	70
75	63.6	145.4	43,800	65.5	144.5	44,600	67.3	142.5	39,000 *	75
80	61.5	142.7	39,700	63.3	141.8	40,500	65.1	139.8	37,800 *	80
85	59.3	139.7	36,200	61.2	138.8	36,900	62.9	136.8	36,700 *	85
90	57.1	136.5	33,200	59.0	135.6	33,800	60.7	133.5	34,400	90
95	54.9	133.0	30,400	56.7	132.1	31,000	58.3	129.9	31,500	95
100	52.6	129.2	28,000	54.3	128.2	28,500	56.0	126.0	29,000	100
105	50.2	125.1	25,900	51.9	124.1	26,300	53.5	121.7	26,700	105
110	47.7	120.6	23,900	49.4	119.5	24,300	50.9	117.1	24,700	110
115	45.1	115.7	22,100	46.8	114.5	22,500	48.2	112.0	22,800	115
120	42.3	110.2	20,500	44.0	109.1	20,800	45.4	106.4	21,100	120
125	39.4	104.3	19,000	41.1	103.0	19,300	42.4	100.2	19,600	125
130	36.4	97.6	17,600	38.0	96.3	17,900				130
135	33.0	90.2	16,400	34.6	88.7	16,600				135
140	29.4	81.6	15,200	30.8	79.9	15,400				140
145	25.2	71.5	14,100							145
150	20.2	59.0	13,100							150

14000 S-1

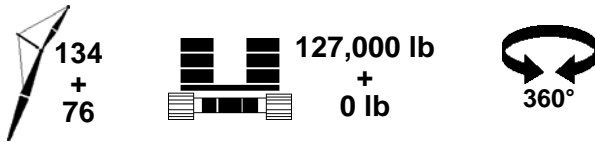
ANSI B30.5



ft	5°			15°			25°			ft
	°	ft	lb	°	ft	lb	°	ft	lb	
35	80.0	169.5	63,000 *							35
40	78.2	168.5	63,000 *	80.1	167.7	59,500 *				40
45	76.4	167.3	63,000 *	78.3	166.5	58,600 *	80.1	164.6	49,900 *	45
50	74.6	165.9	61,900 *	76.5	165.1	57,700 *	78.3	163.2	47,800 *	50
55	72.8	164.4	60,800 *	74.6	163.5	56,900 *	76.4	161.7	45,900 *	55
60	71.0	162.6	59,800 *	72.8	161.8	56,100 *	74.5	159.9	44,200 *	60
65	69.1	160.7	53,700	70.9	159.9	54,800	72.6	158.0	42,700 *	65
70	67.2	158.6	48,200	69.0	157.8	49,100	70.7	155.9	41,200 *	70
75	65.3	156.4	43,500	67.1	155.5	44,300	68.8	153.5	39,900 *	75
80	63.4	153.9	39,400	65.1	153.0	40,200	66.8	151.0	38,700 *	80
85	61.4	151.1	35,900	63.1	150.2	36,600	64.8	148.2	37,300	85
90	59.4	148.2	32,800	61.1	147.3	33,500	62.7	145.2	34,100	90
95	57.3	145.0	30,100	59.0	144.1	30,700	60.6	141.9	31,300	95
100	55.2	141.5	27,700	56.9	140.6	28,200	58.4	138.4	28,800	100
105	53.0	137.8	25,500	54.7	136.8	26,000	56.2	134.6	26,500	105
110	50.7	133.8	23,600	52.4	132.7	24,000	53.9	130.4	24,400	110
115	48.4	129.4	21,800	50.1	128.3	22,200	51.5	125.9	22,600	115
120	46.0	124.6	20,200	47.6	123.5	20,600	49.0	121.0	20,900	120
125	43.5	119.4	18,700	45.1	118.2	19,000	46.4	115.6	19,300	125
130	40.9	113.7	17,300	42.4	112.5	17,600	43.7	109.7	17,900	130
135	38.1	107.5	16,100	39.6	106.1	16,300				135
140	35.1	100.5	14,900	36.6	99.1	15,100				140
145	31.9	92.7	13,800	33.3	91.1	14,000				145
150	28.3	83.7	12,800							150
155	24.2	73.2	11,800							155

14000 S-1

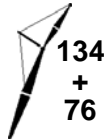
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
35	80.6	179.5	63,000 *							35
40	78.9	178.6	63,000 *	80.6	177.7	59,500 *				40
45	77.2	177.4	63,000 *	78.9	176.6	58,600 *	80.7	174.8	50,600 *	45
50	75.5	176.1	62,100 *	77.2	175.3	57,800 *	79.0	173.5	48,600 *	50
55	73.8	174.7	61,100 *	75.5	173.9	57,000 *	77.2	172.0	46,700 *	55
60	72.1	173.1	60,000	73.8	172.2	56,300 *	75.5	170.3	45,100 *	60
65	70.3	171.3	53,300	72.0	170.4	54,400	73.7	168.5	43,500 *	65
70	68.6	169.3	47,700	70.3	168.5	48,700	71.9	166.5	42,100 *	70
75	66.8	167.2	43,000	68.5	166.3	43,900	70.1	164.4	40,800 *	75
80	65.0	164.9	39,000	66.6	164.0	39,800	68.2	162.0	39,600 *	80
85	63.1	162.3	35,500	64.8	161.5	36,200	66.4	159.4	37,000	85
90	61.3	159.6	32,400	62.9	158.7	33,100	64.5	156.6	33,800	90
95	59.4	156.7	29,700	61.0	155.7	30,300	62.5	153.6	30,900	95
100	57.4	153.5	27,200	59.0	152.5	27,800	60.5	150.4	28,400	100
105	55.4	150.1	25,100	57.0	149.1	25,600	58.5	146.9	26,100	105
110	53.4	146.4	23,100	55.0	145.4	23,600	56.4	143.1	24,100	110
115	51.3	142.4	21,300	52.8	141.4	21,800	54.2	139.0	22,200	115
120	49.1	138.1	19,700	50.7	137.0	20,100	52.0	134.6	20,500	120
125	46.9	133.5	18,200	48.4	132.4	18,600	49.7	129.9	18,900	125
130	44.5	128.5	16,900	46.1	127.3	17,200	47.3	124.7	17,500	130
135	42.1	123.0	15,600	43.6	121.8	15,900	44.8	119.0	16,200	135
140	39.5	117.0	14,400	41.0	115.8	14,700	42.1	112.9	15,000	140
145	36.8	110.5	13,400	38.3	109.1	13,600				145
150	33.9	103.2	12,400	35.3	101.8	12,600				150
155	30.8	95.1	11,400	32.1	93.5	11,600				155
160	27.3	85.8	10,500							160
165	23.4	74.8	9,700							165

14000 S-1

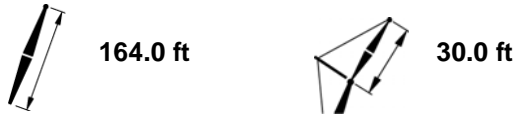
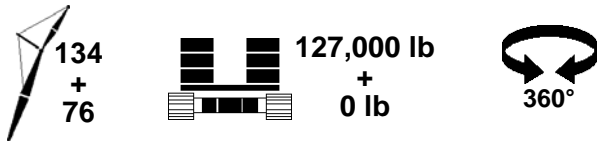
ANSI B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
40	79.5	188.6	63,000 *							40
45	77.9	187.5	63,000 *	79.6	186.7	58,600 *				45
50	76.3	186.3	62,200 *	77.9	185.5	57,800 *	79.6	183.6	49,200 *	50
55	74.7	184.9	61,200 *	76.3	184.1	57,100 *	77.9	182.2	47,500 *	55
60	73.1	183.4	59,600	74.7	182.6	56,400 *	76.3	180.7	45,800 *	60
65	71.4	181.8	53,000	73.0	180.9	54,100	74.6	179.0	44,300 *	65
70	69.8	179.9	47,400	71.4	179.1	48,500	72.9	177.1	42,900 *	70
75	68.1	177.9	42,700	69.7	177.0	43,600	71.2	175.1	41,600 *	75
80	66.4	175.7	38,600	68.0	174.9	39,500	69.5	172.9	40,400	80
85	64.7	173.4	35,100	66.3	172.5	35,900	67.8	170.5	36,700	85
90	62.9	170.8	32,000	64.5	169.9	32,800	66.0	167.9	33,500	90
95	61.2	168.1	29,300	62.7	167.2	30,000	64.2	165.1	30,600	95
100	59.4	165.2	26,900	60.9	164.2	27,500	62.3	162.1	28,100	100
105	57.5	162.0	24,700	59.1	161.0	25,300	60.5	158.9	25,800	105
110	55.6	158.6	22,700	57.2	157.6	23,300	58.5	155.4	23,800	110
115	53.7	154.9	21,000	55.2	153.9	21,500	56.6	151.7	21,900	115
120	51.7	151.0	19,300	53.2	150.0	19,800	54.5	147.7	20,200	120
125	49.7	146.8	17,900	51.2	145.8	18,300	52.5	143.3	18,700	125
130	47.6	142.3	16,500	49.1	141.2	16,900	50.3	138.7	17,200	130
135	45.4	137.4	15,200	46.9	136.3	15,600	48.1	133.7	15,900	135
140	43.2	132.2	14,100	44.6	131.0	14,400	45.7	128.3	14,700	140
145	40.8	126.5	13,000	42.2	125.2	13,300	43.3	122.4	13,500	145
150	38.3	120.2	12,000	39.7	118.9	12,300				150
155	35.7	113.4	11,100	37.0	112.0	11,300				155
160	32.9	105.9	10,200	34.2	104.3	10,400				160
165	29.8	97.4	9,400	31.1	95.7	9,500				165
170	26.4	87.7	8,600							170
175	22.6	76.4	7,800							175

14000 S-1

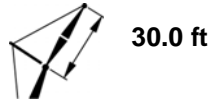
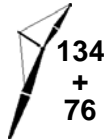
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
40	80.0	198.6	63,000 *							40
45	78.5	197.6	63,000 *	80.1	196.8	58,500 *				45
50	77.0	196.5	62,200 *	78.6	195.6	57,800 *	80.1	193.7	49,900 *	50
55	75.5	195.2	61,300 *	77.0	194.3	57,100 *	78.6	192.4	48,100 *	55
60	74.0	193.7	59,400	75.5	192.9	56,400 *	77.0	191.0	46,500 *	60
65	72.4	192.2	52,700	73.9	191.3	53,900	75.5	189.4	45,000 *	65
70	70.9	190.4	47,100	72.4	189.6	48,200	73.9	187.6	43,700 *	70
75	69.3	188.5	42,400	70.8	187.7	43,400	72.3	185.7	42,400 *	75
80	67.7	186.5	38,300	69.2	185.6	39,300	70.6	183.6	40,200	80
85	66.1	184.3	34,800	67.6	183.4	35,700	69.0	181.4	36,500	85
90	64.4	181.9	31,700	65.9	181.0	32,500	67.3	178.9	33,300	90
95	62.8	179.3	29,000	64.2	178.4	29,700	65.6	176.3	30,400	95
100	61.1	176.6	26,600	62.6	175.6	27,200	63.9	173.5	27,900	100
105	59.4	173.6	24,400	60.8	172.7	25,000	62.2	170.5	25,600	105
110	57.6	170.5	22,400	59.1	169.5	23,000	60.4	167.3	23,500	110
115	55.8	167.1	20,700	57.3	166.1	21,200	58.6	163.9	21,700	115
120	54.0	163.5	19,100	55.4	162.5	19,500	56.7	160.2	20,000	120
125	52.2	159.6	17,600	53.6	158.6	18,000	54.8	156.3	18,400	125
130	50.2	155.5	16,200	51.6	154.4	16,600	52.9	152.0	17,000	130
135	48.3	151.1	15,000	49.7	150.0	15,400	50.8	147.5	15,700	135
140	46.2	146.3	13,800	47.6	145.2	14,200	48.8	142.6	14,500	140
145	44.1	141.2	12,700	45.5	140.1	13,100	46.6	137.4	13,300	145
150	41.9	135.7	11,700	43.3	134.5	12,000	44.3	131.7	12,300	150
155	39.6	129.8	10,800	40.9	128.5	11,100	41.9	125.6	11,300	155
160	37.2	123.3	9,900	38.5	122.0	10,200				160
165	34.7	116.2	9,100	35.9	114.8	9,300				165
170	31.9	108.4	8,300	33.1	106.8	8,500				170
175	28.9	99.6	7,600							175
180	25.6	89.6	6,900							180
185	21.8	77.8	6,200							185

14000 S-1

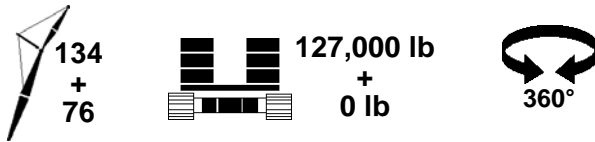
ANSI B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
40	80.5	208.6	63,000 *							40
45	79.1	207.7	63,000 *	80.6	206.8	58,400 *				45
50	77.7	206.6	62,100 *	79.1	205.7	57,700 *	80.6	203.8	50,500 *	50
55	76.2	205.4	61,200 *	77.7	204.5	57,000 *	79.2	202.6	48,800 *	55
60	74.8	204.0	59,000	76.2	203.1	56,400 *	77.7	201.2	47,200 *	60
65	73.3	202.5	52,400	74.7	201.6	53,600	76.2	199.7	45,700 *	65
70	71.8	200.9	46,800	73.3	200.0	47,900	74.7	198.0	44,400 *	70
75	70.3	199.1	42,100	71.8	198.2	43,100	73.2	196.2	43,100 *	75
80	68.8	197.1	38,000	70.3	196.3	38,900	71.6	194.3	39,900	80
85	67.3	195.1	34,500	68.7	194.2	35,300	70.1	192.2	36,200	85
90	65.8	192.8	31,400	67.2	191.9	32,200	68.5	189.9	33,000	90
95	64.2	190.4	28,600	65.6	189.5	29,400	66.9	187.4	30,100	95
100	62.6	187.8	26,200	64.0	186.9	26,900	65.3	184.8	27,600	100
105	61.0	185.1	24,000	62.4	184.1	24,700	63.7	182.0	25,300	105
110	59.4	182.1	22,100	60.8	181.1	22,700	62.0	179.0	23,200	110
115	57.7	179.0	20,300	59.1	178.0	20,900	60.4	175.8	21,400	115
120	56.0	175.6	18,700	57.4	174.6	19,200	58.6	172.4	19,700	120
125	54.3	172.0	17,200	55.7	171.0	17,700	56.9	168.7	18,100	125
130	52.5	168.2	15,800	53.9	167.2	16,300	55.1	164.8	16,700	130
135	50.7	164.2	14,600	52.1	163.1	15,000	53.2	160.7	15,400	135
140	48.9	159.8	13,400	50.2	158.7	13,800	51.3	156.2	14,200	140
145	46.9	155.2	12,400	48.2	154.1	12,700	49.3	151.5	13,000	145
150	45.0	150.2	11,400	46.3	149.1	11,700	47.3	146.4	12,000	150
155	42.9	144.9	10,400	44.2	143.7	10,700	45.2	140.9	11,000	155
160	40.8	139.2	9,600	42.0	137.9	9,800	43.0	135.0	10,100	160
165	38.5	133.0	8,700	39.8	131.7	9,000				165
170	36.2	126.3	8,000	37.4	124.9	8,200				170
175	33.7	119.0	7,200	34.9	117.4	7,400				175
180	31.0	110.8	6,500	32.1	109.2	6,700				180
185	28.1	101.8	5,900							185
190	24.9	91.4	5,300							190
195	21.2	79.2	4,700							195

14000 S-1

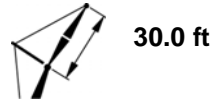
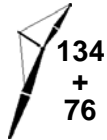
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
40	81.0	218.6	63,000 *							40
45	79.6	217.7	62,800 *	81.0	216.9	58,100 *				45
50	78.2	216.7	62,000 *	79.7	215.8	57,500 *				50
55	76.9	215.5	61,100 *	78.3	214.7	56,900 *	79.7	212.7	49,400 *	55
60	75.5	214.2	58,700	76.9	213.4	56,300 *	78.3	211.4	47,800 *	60
65	74.1	212.8	52,000	75.5	211.9	53,300	76.9	210.0	46,400 *	65
70	72.7	211.2	46,400	74.1	210.4	47,600	75.4	208.4	45,000 *	70
75	71.3	209.5	41,600	72.6	208.7	42,700	74.0	206.7	43,800 *	75
80	69.8	207.7	37,600	71.2	206.8	38,600	72.6	204.8	39,500	80
85	68.4	205.7	34,000	69.8	204.8	34,900	71.1	202.8	35,800	85
90	66.9	203.6	30,900	68.3	202.7	31,800	69.6	200.7	32,600	90
95	65.5	201.3	28,200	66.8	200.4	29,000	68.1	198.4	29,700	95
100	64.0	198.9	25,800	65.3	198.0	26,500	66.6	195.9	27,200	100
105	62.5	196.3	23,600	63.8	195.4	24,300	65.1	193.3	24,900	105
110	60.9	193.5	21,600	62.3	192.6	22,300	63.5	190.4	22,900	110
115	59.4	190.6	19,800	60.7	189.6	20,400	61.9	187.4	21,000	115
120	57.8	187.5	18,200	59.1	186.5	18,800	60.3	184.3	19,300	120
125	56.2	184.1	16,700	57.5	183.1	17,300	58.7	180.9	17,700	125
130	54.5	180.6	15,400	55.8	179.6	15,900	57.0	177.3	16,300	130
135	52.9	176.8	14,100	54.1	175.8	14,600	55.3	173.4	15,000	135
140	51.1	172.8	13,000	52.4	171.7	13,400	53.5	169.3	13,800	140
145	49.4	168.6	11,900	50.6	167.5	12,300	51.7	165.0	12,600	145
150	47.6	164.0	10,900	48.8	162.9	11,200	49.9	160.3	11,600	150
155	45.7	159.2	10,000	46.9	158.0	10,300	48.0	155.4	10,600	155
160	43.8	154.0	9,100	45.0	152.8	9,400	46.0	150.1	9,600	160
165	41.8	148.5	8,300	43.0	147.2	8,500	43.9	144.4	8,800	165
170	39.7	142.6	7,500	40.9	141.2	7,800	41.8	138.3	8,000	170
175	37.5	136.1	6,800	38.7	134.8	7,000				175
180	35.2	129.2	6,100	36.4	127.7	6,300				180
185	32.8	121.6	5,400	33.9	120.0	5,600				185
190	30.2	113.2	4,800	31.2	111.5	5,000				190
195	27.3	103.8	4,200							195

14000 S-1

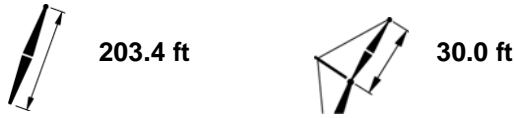
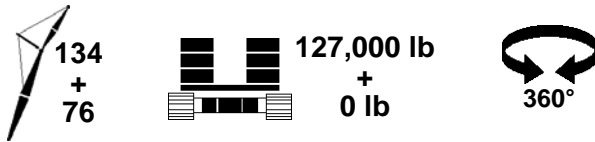
ANSI B30.5



ft	5°			15°			25°			ft
	°	ft	lb	°	ft	lb	°	ft	lb	
45	80.1	227.7	62,600 *							45
50	78.8	226.7	61,300 *	80.1	225.9	57,300 *				50
55	77.5	225.6	60,900 *	78.8	224.8	56,700 *	80.1	222.9	49,900 *	55
60	76.1	224.4	58,300	77.5	223.5	56,100 *	78.8	221.6	48,400 *	60
65	74.8	223.0	51,600	76.1	222.2	53,000	77.5	220.2	47,000 *	65
70	73.5	221.6	46,000	74.8	220.7	47,200	76.1	218.7	45,600 *	70
75	72.1	219.9	41,300	73.4	219.1	42,400	74.7	217.1	43,500	75
80	70.8	218.2	37,200	72.1	217.3	38,200	73.4	215.3	39,200	80
85	69.4	216.3	33,700	70.7	215.4	34,600	72.0	213.4	35,500	85
90	68.0	214.3	30,600	69.3	213.4	31,400	70.6	211.4	32,300	90
95	66.6	212.2	27,800	67.9	211.2	28,600	69.2	209.2	29,400	95
100	65.2	209.9	25,400	66.5	208.9	26,100	67.7	206.9	26,900	100
105	63.8	207.4	23,200	65.1	206.5	23,900	66.3	204.4	24,600	105
110	62.3	204.8	21,200	63.6	203.8	21,900	64.8	201.7	22,500	110
115	60.9	202.0	19,400	62.1	201.1	20,100	63.3	198.9	20,700	115
120	59.4	199.1	17,800	60.6	198.1	18,400	61.8	195.9	19,000	120
125	57.9	195.9	16,300	59.1	194.9	16,900	60.3	192.7	17,400	125
130	56.3	192.6	15,000	57.6	191.6	15,500	58.7	189.4	16,000	130
135	54.8	189.1	13,700	56.0	188.1	14,200	57.1	185.8	14,600	135
140	53.2	185.4	12,600	54.4	184.3	13,000	55.5	182.0	13,400	140
145	51.5	181.4	11,500	52.8	180.4	11,900	53.8	178.0	12,300	145
150	49.9	177.3	10,500	51.1	176.2	10,900	52.1	173.7	11,200	150
155	48.1	172.8	9,600	49.3	171.7	9,900	50.4	169.1	10,200	155
160	46.4	168.1	8,700	47.6	166.9	9,000	48.6	164.3	9,300	160
165	44.6	163.1	7,900	45.7	161.9	8,200	46.7	159.1	8,500	165
170	42.7	157.7	7,100	43.8	156.4	7,400	44.8	153.6	7,600	170
175	40.7	152.0	6,400	41.9	150.7	6,700	42.8	147.7	6,900	175
180	38.7	145.8	5,700	39.8	144.4	5,900				180
185	36.6	139.2	5,100	37.7	137.7	5,300				185
190	34.3	132.0	4,400	35.4	130.5	4,600				190
195				33.0	122.5	4,000				195

14000 S-1

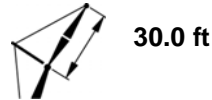
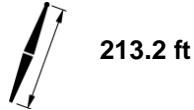
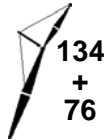
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
45	80.5	237.7	62,100 *							45
50	79.2	236.8	61,300 *	80.5	235.9	56,900 *				50
55	78.0	235.7	60,600 *	79.3	234.9	56,400 *	80.6	232.9	50,400 *	55
60	76.7	234.5	58,000	78.0	233.7	55,800 *	79.3	231.7	48,900 *	60
65	75.5	233.2	51,300	76.7	232.4	52,700	78.0	230.4	47,500 *	65
70	74.2	231.8	45,700	75.5	231.0	47,000	76.7	229.0	46,200 *	70
75	72.9	230.3	41,000	74.2	229.4	42,100	75.4	227.4	43,300	75
80	71.6	228.6	36,900	72.9	227.8	37,900	74.1	225.8	39,000	80
85	70.3	226.9	33,300	71.6	226.0	34,300	72.8	224.0	35,300	85
90	69.0	224.9	30,200	70.2	224.0	31,200	71.5	222.0	32,000	90
95	67.7	222.9	27,500	68.9	222.0	28,300	70.1	219.9	29,200	95
100	66.3	220.7	25,100	67.6	219.8	25,900	68.8	217.7	26,600	100
105	65.0	218.4	22,900	66.2	217.4	23,600	67.4	215.4	24,300	105
110	63.6	215.9	20,900	64.8	215.0	21,600	66.0	212.8	22,300	110
115	62.2	213.3	19,100	63.4	212.3	19,800	64.6	210.2	20,400	115
120	60.8	210.5	17,500	62.0	209.5	18,100	63.2	207.4	18,700	120
125	59.4	207.5	16,000	60.6	206.6	16,600	61.7	204.4	17,100	125
130	57.9	204.4	14,700	59.1	203.4	15,200	60.2	201.2	15,700	130
135	56.5	201.1	13,400	57.7	200.1	13,900	58.7	197.8	14,400	135
140	55.0	197.6	12,200	56.2	196.6	12,700	57.2	194.3	13,100	140
145	53.4	194.0	11,200	54.6	192.9	11,600	55.7	190.5	12,000	145
150	51.9	190.1	10,200	53.1	189.0	10,600	54.1	186.6	11,000	150
155	50.3	185.9	9,200	51.5	184.8	9,600	52.5	182.4	10,000	155
160	48.7	181.6	8,400	49.8	180.4	8,700	50.8	177.9	9,000	160
165	47.0	176.9	7,500	48.1	175.8	7,900	49.1	173.2	8,200	165
170	45.3	172.0	6,800	46.4	170.8	7,100	47.3	168.1	7,400	170
175	43.5	166.8	6,100	44.6	165.6	6,400	45.5	162.8	6,600	175
180	41.7	161.2	5,400	42.8	160.0	5,700	43.6	157.1	5,900	180
185	39.8	155.3	4,700	40.8	154.0	5,000				185
190	37.8	148.9	4,100	38.8	147.5	4,400				190

14000 S-1

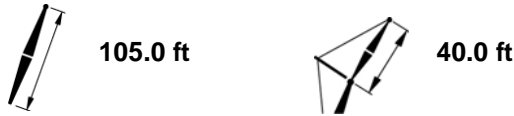
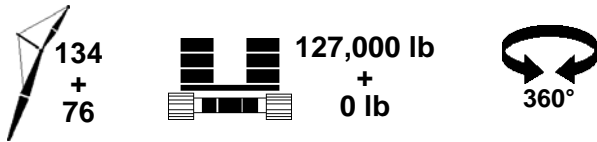
ANSI B30.5



ft	5°			15°			25°			ft
	°	ft	lb	°	ft	lb	°	ft	lb	
45	80.9	247.7	61,600 *							45
50	79.7	246.8	60,900 *	80.9	246.0	56,600 *				50
55	78.5	245.8	60,200 *	79.7	244.9	56,000 *	81.0	243.0	50,900 *	55
60	77.3	244.7	57,700	78.5	243.8	55,500 *	79.7	241.9	49,400 *	60
65	76.1	243.4	51,000	77.3	242.6	52,400	78.5	240.6	48,100 *	65
70	74.8	242.1	45,400	76.1	241.2	46,700	77.3	239.2	46,800 *	70
75	73.6	240.6	40,600	74.8	239.7	41,800	76.0	237.8	43,000	75
80	72.4	239.0	36,500	73.6	238.1	37,600	74.8	236.1	38,700	80
85	71.1	237.3	33,000	72.3	236.4	34,000	73.5	234.4	35,000	85
90	69.9	235.5	29,900	71.1	234.6	30,800	72.3	232.6	31,700	90
95	68.6	233.5	27,100	69.8	232.6	28,000	71.0	230.6	28,900	95
100	67.3	231.5	24,700	68.5	230.5	25,500	69.7	228.5	26,300	100
105	66.1	229.2	22,500	67.2	228.3	23,300	68.4	226.2	24,000	105
110	64.8	226.9	20,500	65.9	226.0	21,200	67.1	223.9	21,900	110
115	63.4	224.4	18,700	64.6	223.4	19,400	65.7	221.3	20,100	115
120	62.1	221.8	17,100	63.3	220.8	17,800	64.4	218.6	18,400	120
125	60.8	219.0	15,600	61.9	218.0	16,200	63.0	215.8	16,800	125
130	59.4	216.0	14,300	60.5	215.0	14,800	61.6	212.8	15,400	130
135	58.0	212.9	13,000	59.2	211.9	13,500	60.2	209.7	14,000	135
140	56.6	209.6	11,900	57.7	208.6	12,400	58.8	206.3	12,800	140
145	55.2	206.2	10,800	56.3	205.1	11,200	57.3	202.8	11,700	145
150	53.7	202.5	9,800	54.8	201.5	10,200	55.8	199.1	10,600	150
155	52.2	198.7	8,800	53.3	197.6	9,300	54.3	195.2	9,600	155
160	50.7	194.6	8,000	51.8	193.5	8,400	52.8	191.0	8,700	160
165	49.1	190.3	7,200	50.2	189.2	7,500	51.2	186.6	7,800	165
170	47.6	185.7	6,400	48.6	184.6	6,700	49.6	182.0	7,000	170
175	45.9	180.9	5,700	47.0	179.8	6,000	47.9	177.1	6,300	175
180	44.2	175.8	5,000	45.3	174.6	5,300	46.2	171.9	5,500	180
185	42.5	170.4	4,300	43.6	169.2	4,600	44.4	166.3	4,800	185
190				41.7	163.4	4,000	42.6	160.4	4,200	190

14000 S-1

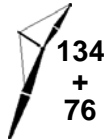
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
35	79.3	149.5	53,700 *							35
40	77.2	148.3	52,400 *	80.0	147.3	48,100 *				40
45	75.2	147.0	51,100 *	77.9	145.9	47,200 *	80.7	143.6	40,100 *	45
50	73.1	145.4	50,000 *	75.8	144.3	46,400 *	78.6	142.0	38,200 *	50
55	71.0	143.6	48,900 *	73.7	142.5	45,700 *	76.4	140.2	36,500 *	55
60	68.9	141.6	47,800 *	71.6	140.5	45,000 *	74.3	138.1	35,000 *	60
65	66.7	139.4	46,900 *	69.4	138.3	44,300 *	72.0	135.9	33,600 *	65
70	64.5	137.0	46,000 *	67.2	135.8	43,700 *	69.8	133.4	32,300 *	70
75	62.3	134.3	45,100	64.9	133.1	43,100 *	67.5	130.6	31,200 *	75
80	60.0	131.3	41,000	62.6	130.1	41,000 *	65.1	127.6	30,100 *	80
85	57.6	128.1	37,500	60.2	126.9	38,300	62.7	124.2	29,200 *	85
90	55.2	124.6	34,400	57.8	123.3	35,100	60.2	120.6	28,300 *	90
95	52.7	120.7	31,700	55.2	119.4	32,300	57.6	116.6	27,500 *	95
100	50.1	116.5	29,300	52.6	115.1	29,900	54.9	112.2	26,800 *	100
105	47.4	111.9	27,100	49.9	110.4	27,600	52.1	107.3	26,100 *	105
110	44.6	106.8	25,100	47.0	105.3	25,600	49.1	102.0	25,500 *	110
115	41.6	101.1	23,300	44.0	99.5	23,700	46.0	96.0	24,100	115
120	38.4	94.8	21,700	40.7	93.1	22,100				120
125	35.0	87.7	20,200	37.2	85.8	20,500				125
130	31.2	79.5	18,800	33.3	77.4	19,100				130
135	26.9	69.9	17,500							135
140	21.8	57.9	16,300							140

14000 S-1

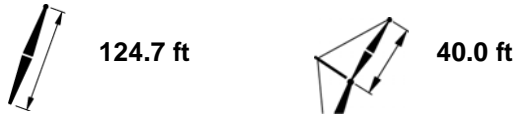
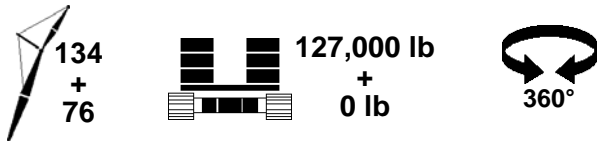
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
35										35
40	80.0	159.6	53,900 *							40
45	78.1	158.5	52,700 *	80.6	157.4	48,300 *				45
50	76.2	157.2	51,500 *	78.7	156.1	47,400 *				50
55	74.2	155.7	50,400 *	76.8	154.6	46,700 *	79.4	152.3	38,900 *	55
60	72.3	154.1	49,300 *	74.8	153.0	46,000 *	77.4	150.6	37,200 *	60
65	70.3	152.2	48,300 *	72.8	151.1	45,300 *	75.4	148.7	35,700 *	65
70	68.3	150.2	47,500 *	70.8	149.0	44,700 *	73.3	146.6	34,400 *	70
75	66.3	147.9	46,600 *	68.8	146.8	44,100 *	71.2	144.3	33,100 *	75
80	64.2	145.5	44,800	66.7	144.3	43,500 *	69.1	141.8	32,000 *	80
85	62.1	142.8	40,700	64.6	141.6	41,600	66.9	139.0	30,900 *	85
90	60.0	139.8	37,200	62.4	138.6	38,000	64.7	135.9	30,000 *	90
95	57.8	136.6	34,100	60.2	135.4	34,900	62.5	132.6	29,100 *	95
100	55.5	133.1	31,400	57.9	131.8	32,100	60.1	129.0	28,300 *	100
105	53.2	129.3	28,900	55.5	128.0	29,600	57.7	125.1	27,500 *	105
110	50.8	125.2	26,800	53.1	123.8	27,300	55.2	120.8	26,900 *	110
115	48.3	120.7	24,800	50.6	119.3	25,300	52.6	116.2	25,800	115
120	45.7	115.8	23,000	47.9	114.3	23,500	49.9	111.0	23,900	120
125	43.0	110.4	21,400	45.2	108.8	21,800	47.1	105.3	22,200	125
130	40.1	104.4	19,900	42.3	102.7	20,300	44.0	99.1	20,600	130
135	37.0	97.8	18,500	39.1	96.0	18,800				135
140	33.7	90.3	17,200	35.7	88.3	17,500				140
145	30.0	81.8	16,000	31.9	79.6	16,300				145
145	25.8	71.7	14,900							145

14000 S-1

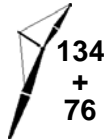
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
35	80.6	169.6	54,100 *							35
40	78.8	168.6	52,900 *							40
45	77.0	167.4	51,800 *	79.4	166.3	47,600 *				45
50	75.2	166.0	50,700 *	77.6	164.9	46,900 *	80.0	162.5	39,500 *	50
55	73.4	164.4	49,700 *	75.8	163.3	46,200 *	78.2	160.9	37,900 *	55
60	71.5	162.7	48,800 *	73.9	161.6	45,600 *	76.3	159.2	36,400 *	60
65	69.7	160.8	47,900 *	72.0	159.7	45,000 *	74.4	157.2	35,100 *	65
70	67.8	158.7	47,100 *	70.1	157.6	44,400 *	72.5	155.1	33,800 *	70
75	65.9	156.4	44,500	68.2	155.3	43,900 *	70.5	152.7	32,700 *	75
80	63.9	154.0	40,400	66.2	152.8	41,400	68.5	150.2	31,700 *	80
85	61.9	151.2	36,900	64.2	150.0	37,800	66.5	147.4	30,700 *	85
90	59.9	148.3	33,800	62.2	147.0	34,600	64.4	144.4	29,800 *	90
95	57.9	145.1	31,100	60.1	143.8	31,800	62.3	141.1	29,000 *	95
100	55.7	141.6	28,600	58.0	140.3	29,300	60.1	137.5	28,300 *	100
105	53.6	137.9	26,500	55.8	136.6	27,100	57.8	133.6	27,600 *	105
110	51.3	133.9	24,500	53.5	132.5	25,100	55.5	129.5	25,600	110
115	49.0	129.5	22,700	51.2	128.0	23,200	53.1	124.9	23,700	115
120	46.6	124.7	21,100	48.7	123.2	21,600	50.6	119.9	22,000	120
125	44.1	119.5	19,600	46.2	118.0	20,000	48.0	114.5	20,400	125
130	41.5	113.8	18,200	43.5	112.2	18,600	45.2	108.6	18,900	130
135	38.7	107.6	17,000	40.7	105.8	17,300				135
140	35.7	100.6	15,800	37.7	98.7	16,100				140
145	32.5	92.8	14,700	34.4	90.8	15,000				145
150	28.9	83.9	13,700							150
155	24.9	73.4	12,700							155

14000 S-1

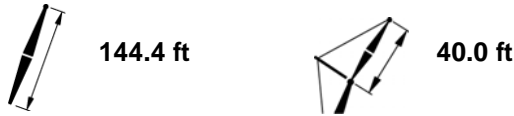
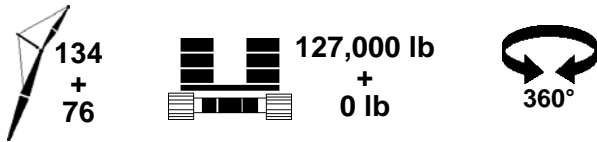
ANSI B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
40	79.4	178.6	53,000 *							40
45	77.8	177.5	52,000 *	80.0	176.4	47,700 *				45
50	76.1	176.2	51,000 *	78.3	175.1	47,000 *	80.6	172.7	40,000 *	50
55	74.3	174.8	50,000 *	76.6	173.6	46,300 *	78.9	171.2	38,500 *	55
60	72.6	173.2	49,100 *	74.9	172.0	45,700 *	77.1	169.6	37,000 *	60
65	70.9	171.4	48,300 *	73.1	170.2	45,200 *	75.3	167.7	35,700 *	65
70	69.1	169.4	47,500 *	71.3	168.3	44,600 *	73.5	165.7	34,500 *	70
75	67.3	167.3	44,200	69.5	166.1	44,100 *	71.7	163.5	33,400 *	75
80	65.5	165.0	40,100	67.7	163.8	41,100	69.9	161.2	32,400 *	80
85	63.7	162.4	36,600	65.9	161.2	37,500	68.0	158.6	31,400 *	85
90	61.8	159.7	33,500	64.0	158.5	34,300	66.0	155.8	30,500 *	90
95	59.9	156.8	30,700	62.0	155.5	31,500	64.1	152.8	29,700 *	95
100	58.0	153.6	28,300	60.1	152.3	29,000	62.1	149.5	29,000 *	100
105	56.0	150.2	26,100	58.1	148.8	26,800	60.0	146.0	27,400	105
110	53.9	146.5	24,200	56.0	145.1	24,800	57.9	142.2	25,300	110
115	51.8	142.5	22,400	53.9	141.1	22,900	55.8	138.1	23,500	115
120	49.7	138.2	20,700	51.7	136.8	21,300	53.5	133.6	21,700	120
125	47.4	133.6	19,300	49.4	132.1	19,700	51.2	128.8	20,200	125
130	45.1	128.6	17,900	47.1	127.0	18,300	48.8	123.6	18,700	130
135	42.7	123.1	16,600	44.6	121.5	17,000	46.2	117.9	17,400	135
140	40.1	117.2	15,500	42.0	115.4	15,800	43.6	111.6	16,100	140
145	37.4	110.6	14,400	39.3	108.8	14,700				145
150	34.5	103.4	13,300	36.3	101.4	13,600				150
155	31.4	95.3	12,400	33.1	93.1	12,600				155
160	27.9	86.0	11,500							160
165	24.0	75.0	10,700							165

14000 S-1

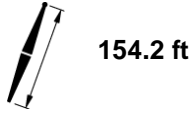
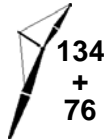
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
40	80.0	188.7	53,100 *							40
45	78.4	187.6	52,100 *	80.6	186.5	47,700 *				45
50	76.8	186.4	51,100 *	79.0	185.3	47,100 *				50
55	75.2	185.0	50,300 *	77.3	183.9	46,400 *	79.5	181.4	39,000 *	55
60	73.6	183.5	49,400 *	75.7	182.4	45,900 *	77.9	179.9	37,600 *	60
65	71.9	181.8	48,600 *	74.1	180.7	45,300 *	76.2	178.2	36,300 *	65
70	70.3	180.0	47,800 *	72.4	178.8	44,800 *	74.5	176.3	35,100 *	70
75	68.6	178.0	43,700	70.7	176.8	44,300 *	72.8	174.2	34,000 *	75
80	66.9	175.8	39,600	69.0	174.6	40,700	71.0	172.0	33,000 *	80
85	65.2	173.5	36,100	67.3	172.2	37,100	69.3	169.6	32,100 *	85
90	63.5	170.9	33,000	65.5	169.7	33,900	67.5	167.0	31,200 *	90
95	61.7	168.2	30,300	63.7	166.9	31,100	65.7	164.2	30,400 *	95
100	59.9	165.2	27,800	61.9	164.0	28,600	63.8	161.2	29,400	100
105	58.0	162.1	25,600	60.0	160.8	26,400	61.9	157.9	27,100	105
110	56.2	158.7	23,700	58.2	157.3	24,400	60.0	154.4	25,000	110
115	54.2	155.0	21,900	56.2	153.7	22,500	58.0	150.7	23,100	115
120	52.3	151.1	20,300	54.2	149.7	20,800	56.0	146.6	21,400	120
125	50.2	146.9	18,800	52.2	145.5	19,300	53.9	142.3	19,800	125
130	48.1	142.4	17,400	50.0	140.9	17,900	51.7	137.6	18,300	130
135	46.0	137.5	16,100	47.8	136.0	16,600	49.5	132.6	17,000	135
140	43.7	132.3	15,000	45.6	130.7	15,400	47.1	127.1	15,700	140
145	41.3	126.6	13,900	43.2	124.9	14,300	44.6	121.1	14,600	145
150	38.9	120.4	12,900	40.7	118.6	13,200				150
155	36.2	113.6	11,900	38.0	111.6	12,200				155
160	33.4	106.0	11,000	35.1	103.9	11,300				160
165	30.4	97.6	10,200	32.0	95.3	10,400				165
170	27.0	87.9	9,400							170
175	23.1	76.6	8,700							175

14000 S-1

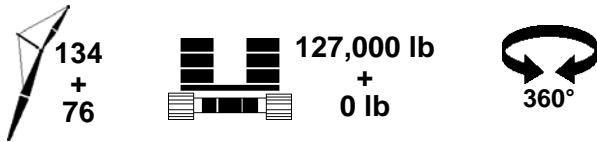
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
40	80.5	198.7	53,000 *							40
45	79.0	197.7	52,100 *							45
50	77.5	196.5	51,200 *	79.5	195.4	47,100 *				50
55	76.0	195.3	50,400 *	78.0	194.1	46,500 *	80.1	191.6	39,500 *	55
60	74.4	193.8	49,600 *	76.5	192.7	45,900 *	78.5	190.2	38,100 *	60
65	72.9	192.2	48,800 *	74.9	191.1	45,400 *	76.9	188.5	36,900 *	65
70	71.3	190.5	48,000 *	73.3	189.3	45,000 *	75.3	186.8	35,700 *	70
75	69.8	188.6	43,400	71.7	187.4	44,500 *	73.7	184.8	34,600 *	75
80	68.2	186.6	39,300	70.1	185.4	40,400	72.1	182.8	33,600 *	80
85	66.5	184.4	35,700	68.5	183.1	36,800	70.4	180.5	32,700 *	85
90	64.9	182.0	32,600	66.9	180.7	33,600	68.8	178.1	31,800 *	90
95	63.3	179.4	29,900	65.2	178.2	30,800	67.1	175.4	31,000 *	95
100	61.6	176.7	27,500	63.5	175.4	28,300	65.4	172.6	29,100	100
105	59.9	173.7	25,300	61.8	172.4	26,000	63.6	169.6	26,800	105
110	58.1	170.6	23,300	60.0	169.2	24,000	61.8	166.4	24,700	110
115	56.3	167.2	21,500	58.2	165.8	22,200	60.0	162.9	22,800	115
120	54.5	163.6	19,900	56.4	162.2	20,500	58.1	159.2	21,100	120
125	52.6	159.7	18,400	54.5	158.3	19,000	56.2	155.2	19,500	125
130	50.7	155.6	17,000	52.6	154.1	17,600	54.2	151.0	18,000	130
135	48.8	151.2	15,800	50.6	149.7	16,300	52.2	146.4	16,700	135
140	46.7	146.5	14,600	48.5	144.9	15,100	50.1	141.5	15,500	140
145	44.6	141.4	13,500	46.4	139.7	13,900	47.9	136.2	14,300	145
150	42.4	135.9	12,500	44.2	134.2	12,900	45.6	130.5	13,200	150
155	40.1	129.9	11,600	41.8	128.1	11,900	43.2	124.3	12,200	155
160	37.7	123.5	10,700	39.4	121.6	11,000				160
165	35.2	116.4	9,900	36.8	114.4	10,100				165
170	32.4	108.5	9,100	34.0	106.4	9,300				170
175	29.4	99.8	8,300							175
180	26.1	89.8	7,600							180
185	22.4	78.0	7,000							185

14000 S-1

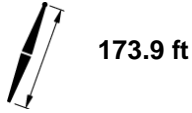
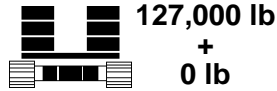
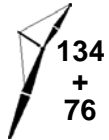
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
40	81.0	208.7	53,000 *							40
45	79.6	207.7	52,100 *							45
50	78.1	206.7	51,300 *	80.1	205.5	47,100 *				50
55	76.7	205.4	50,400 *	78.6	204.3	46,500 *	80.6	201.8	40,000 *	55
60	75.2	204.1	49,700 *	77.1	202.9	46,000 *	79.1	200.4	38,600 *	60
65	73.7	202.6	48,900 *	75.7	201.4	45,500 *	77.6	198.9	37,400 *	65
70	72.3	200.9	47,800	74.2	199.7	45,000 *	76.1	197.2	36,300 *	70
75	70.8	199.2	43,100	72.7	198.0	44,400	74.6	195.4	35,200 *	75
80	69.3	197.2	39,000	71.2	196.0	40,200	73.0	193.4	34,200 *	80
85	67.8	195.1	35,500	69.6	193.9	36,500	71.5	191.3	33,300 *	85
90	66.2	192.9	32,300	68.1	191.6	33,400	69.9	189.0	32,400 *	90
95	64.7	190.5	29,600	66.5	189.2	30,500	68.3	186.5	31,500	95
100	63.1	187.9	27,200	64.9	186.6	28,000	66.7	183.9	28,900	100
105	61.5	185.1	25,000	63.3	183.8	25,800	65.1	181.0	26,600	105
110	59.8	182.2	23,000	61.7	180.9	23,800	63.4	178.0	24,500	110
115	58.2	179.1	21,200	60.0	177.7	21,900	61.7	174.8	22,600	115
120	56.5	175.7	19,600	58.3	174.3	20,200	60.0	171.4	20,800	120
125	54.8	172.1	18,100	56.5	170.7	18,700	58.2	167.7	19,300	125
130	53.0	168.3	16,700	54.8	166.9	17,300	56.4	163.8	17,800	130
135	51.2	164.3	15,500	52.9	162.8	16,000	54.5	159.6	16,500	135
140	49.3	159.9	14,300	51.1	158.4	14,800	52.6	155.1	15,200	140
145	47.4	155.3	13,200	49.1	153.7	13,700	50.6	150.4	14,100	145
150	45.4	150.4	12,200	47.1	148.7	12,600	48.6	145.2	13,000	150
155	43.4	145.0	11,300	45.1	143.4	11,700	46.4	139.7	12,000	155
160	41.2	139.3	10,400	42.9	137.6	10,700	44.2	133.7	11,000	160
165	39.0	133.1	9,600	40.6	131.3	9,900				165
170	36.7	126.4	8,800	38.2	124.5	9,100				170
175	34.2	119.1	8,100	35.7	117.0	8,300				175
180	31.5	111.0	7,400	33.0	108.7	7,600				180
185	28.6	101.9	6,700							185
190	25.4	91.6	6,100							190
195	21.7	79.4	5,500							195

14000 S-1

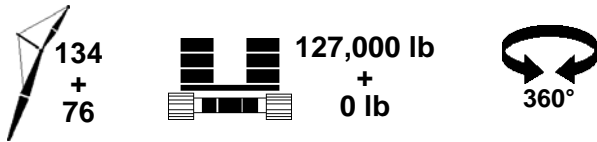
ANSI B30.5



ft	5°			15°			25°			ft
	°	ft	lb	°	ft	lb	°	ft	lb	
45	80.0	217.8	52,000 *							45
50	78.7	216.7	51,200 *	80.5	215.6	47,000 *				50
55	77.3	215.6	50,400 *	79.1	214.4	46,500 *				55
60	75.9	214.3	49,700 *	77.8	213.1	46,000 *	79.6	210.6	39,100 *	60
65	74.5	212.9	49,000 *	76.4	211.7	45,500 *	78.2	209.1	37,900 *	65
70	73.1	211.3	47,500	74.9	210.1	45,100 *	76.8	207.5	36,800 *	70
75	71.7	209.6	42,700	73.5	208.4	44,100	75.3	205.8	35,700 *	75
80	70.3	207.8	38,600	72.1	206.6	39,900	73.9	203.9	34,700 *	80
85	68.8	205.8	35,100	70.6	204.6	36,200	72.4	201.9	33,800 *	85
90	67.4	203.7	32,000	69.2	202.4	33,000	70.9	199.8	33,000 *	90
95	65.9	201.4	29,200	67.7	200.2	30,200	69.4	197.4	31,200	95
100	64.4	199.0	26,800	66.2	197.7	27,700	67.9	195.0	28,600	100
105	62.9	196.4	24,600	64.7	195.1	25,400	66.4	192.3	26,300	105
110	61.4	193.6	22,600	63.1	192.3	23,400	64.8	189.5	24,200	110
115	59.8	190.7	20,800	61.6	189.3	21,600	63.2	186.5	22,300	115
120	58.2	187.5	19,200	60.0	186.2	19,900	61.6	183.3	20,500	120
125	56.6	184.2	17,700	58.3	182.8	18,400	59.9	179.8	19,000	125
130	55.0	180.7	16,400	56.7	179.3	17,000	58.2	176.2	17,500	130
135	53.3	176.9	15,100	55.0	175.5	15,700	56.5	172.3	16,200	135
140	51.6	172.9	13,900	53.3	171.4	14,500	54.8	168.2	14,900	140
145	49.8	168.7	12,800	51.5	167.1	13,300	52.9	163.9	13,800	145
150	48.0	164.1	11,800	49.7	162.6	12,300	51.1	159.2	12,700	150
155	46.2	159.3	10,900	47.8	157.7	11,300	49.1	154.2	11,700	155
160	44.2	154.1	10,000	45.8	152.5	10,400	47.2	148.8	10,700	160
165	42.2	148.6	9,200	43.8	146.9	9,600	45.1	143.1	9,800	165
170	40.2	142.7	8,400	41.7	140.9	8,800	42.9	136.9	9,000	170
175	38.0	136.3	7,700	39.5	134.4	8,000				175
180	35.7	129.3	7,000	37.2	127.3	7,300				180
185	33.2	121.7	6,300	34.7	119.6	6,600				185
190	30.6	113.3	5,700	32.0	111.0	5,900				190
195	27.8	104.0	5,100							195
200	24.6	93.3	4,600							200
205	21.0	80.8	4,000							205

14000 S-1

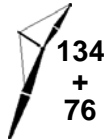
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
45	80.5	227.8	51,800 *							45
50	79.2	226.8	51,100 *	81.0	225.6	46,900 *				50
55	77.9	225.7	50,300 *	79.6	224.5	46,400 *				55
60	76.6	224.5	49,600 *	78.3	223.3	45,900 *	80.1	220.7	39,500 *	60
65	75.2	223.1	48,900 *	77.0	221.9	45,500 *	78.7	219.3	38,300 *	65
70	73.9	221.6	47,100	75.6	220.4	45,100 *	77.4	217.8	37,200 *	70
75	72.5	220.0	42,300	74.3	218.8	43,700	76.0	216.2	36,200 *	75
80	71.2	218.3	38,200	72.9	217.1	39,500	74.6	214.4	35,200 *	80
85	69.8	216.4	34,700	71.5	215.2	35,900	73.2	212.5	34,300 *	85
90	68.4	214.4	31,500	70.2	213.1	32,700	71.8	210.5	33,500 *	90
95	67.0	212.2	28,800	68.7	211.0	29,800	70.4	208.3	30,800	95
100	65.6	209.9	26,300	67.3	208.7	27,300	69.0	205.9	28,200	100
105	64.2	207.5	24,100	65.9	206.2	25,000	67.5	203.4	25,900	105
110	62.8	204.9	22,200	64.4	203.6	23,000	66.0	200.7	23,800	110
115	61.3	202.1	20,400	63.0	200.8	21,200	64.5	197.9	21,900	115
120	59.8	199.2	18,700	61.5	197.8	19,500	63.0	194.9	20,200	120
125	58.3	196.0	17,200	59.9	194.7	17,900	61.5	191.7	18,600	125
130	56.8	192.7	15,900	58.4	191.3	16,500	59.9	188.3	17,100	130
135	55.2	189.2	14,600	56.8	187.8	15,200	58.3	184.7	15,800	135
140	53.6	185.5	13,400	55.2	184.0	14,000	56.7	180.9	14,500	140
145	52.0	181.5	12,400	53.6	180.1	12,900	55.0	176.8	13,400	145
150	50.3	177.3	11,400	51.9	175.8	11,900	53.3	172.5	12,300	150
155	48.6	172.9	10,400	50.1	171.3	10,900	51.5	168.0	11,300	155
160	46.8	168.2	9,500	48.4	166.6	10,000	49.7	163.1	10,300	160
165	45.0	163.2	8,700	46.5	161.5	9,100	47.8	157.9	9,500	165
170	43.1	157.8	7,900	44.6	156.1	8,300	45.9	152.3	8,600	170
175	41.2	152.1	7,200	42.7	150.3	7,600	43.8	146.4	7,800	175
180	39.1	145.9	6,500	40.6	144.0	6,800				180
185	37.0	139.3	5,900	38.4	137.3	6,200				185
190	34.8	132.1	5,300	36.2	130.0	5,500				190
195	32.4	124.3	4,700	33.7	122.0	4,900				195
200	29.8	115.6	4,100							200

14000 S-1

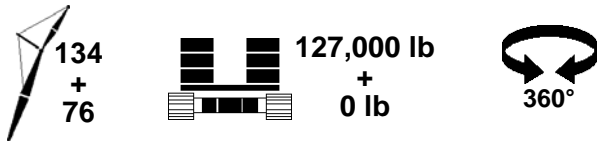
ANSI B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
45	80.9	237.8	51,600 *							45
50	79.6	236.9	50,800 *							50
55	78.4	235.8	50,200 *	80.1	234.6	46,200 *				55
60	77.1	234.6	49,500 *	78.8	233.4	45,800 *	80.5	230.9	39,900 *	60
65	75.9	233.3	48,800 *	77.5	232.1	45,400 *	79.2	229.5	38,800 *	65
70	74.6	231.9	46,700	76.3	230.7	45,000 *	77.9	228.1	37,700 *	70
75	73.3	230.4	41,900	75.0	229.2	43,400	76.6	226.5	36,700 *	75
80	72.0	228.7	37,800	73.7	227.5	39,200	75.3	224.8	35,700 *	80
85	70.7	226.9	34,300	72.4	225.7	35,500	74.0	223.0	34,800 *	85
90	69.4	225.0	31,200	71.0	223.8	32,300	72.7	221.1	33,500	90
95	68.1	223.0	28,400	69.7	221.7	29,500	71.3	219.0	30,500	95
100	66.7	220.8	26,000	68.4	219.5	27,000	69.9	216.8	27,900	100
105	65.4	218.5	23,800	67.0	217.2	24,700	68.6	214.4	25,600	105
110	64.0	216.0	21,800	65.6	214.7	22,600	67.2	211.9	23,500	110
115	62.6	213.4	20,000	64.2	212.0	20,800	65.8	209.2	21,600	115
120	61.2	210.6	18,300	62.8	209.2	19,100	64.3	206.4	19,800	120
125	59.8	207.6	16,900	61.4	206.3	17,600	62.9	203.3	18,300	125
130	58.3	204.5	15,500	59.9	203.1	16,200	61.4	200.2	16,800	130
135	56.9	201.2	14,200	58.4	199.8	14,900	59.9	196.8	15,400	135
140	55.4	197.7	13,100	56.9	196.3	13,700	58.4	193.2	14,200	140
145	53.9	194.0	12,000	55.4	192.6	12,500	56.8	189.4	13,000	145
150	52.3	190.1	11,000	53.8	188.7	11,500	55.2	185.4	12,000	150
155	50.7	186.0	10,000	52.2	184.5	10,500	53.6	181.2	11,000	155
160	49.1	181.7	9,100	50.6	180.1	9,600	51.9	176.7	10,000	160
165	47.4	177.0	8,300	48.9	175.4	8,800	50.2	171.9	9,100	165
170	45.7	172.1	7,600	47.2	170.5	8,000	48.4	166.9	8,300	170
175	43.9	166.9	6,800	45.4	165.2	7,200	46.6	161.5	7,500	175
180	42.1	161.4	6,100	43.5	159.6	6,500	44.7	155.7	6,800	180
185	40.2	155.4	5,500	41.6	153.6	5,800				185
190	38.2	149.1	4,900	39.6	147.1	5,200				190
195	36.1	142.2	4,300	37.5	140.2	4,600				195
200				35.2	132.7	4,000				200

14000 S-1

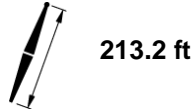
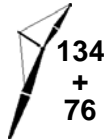
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
50	80.1	246.9	50,600 *							50
55	78.9	245.9	49,900 *	80.5	244.7	46,000 *				55
60	77.7	244.7	49,300 *	79.3	243.5	45,600 *	80.9	241.0	40,300 *	60
65	76.4	243.5	48,700 *	78.1	242.3	45,200 *	79.7	239.7	39,200 *	65
70	75.2	242.2	46,400	76.8	240.9	44,800 *	78.5	238.3	38,100 *	70
75	74.0	240.7	41,600	75.6	239.5	43,200	77.2	236.8	37,100 *	75
80	72.8	239.1	37,500	74.4	237.9	38,900	76.0	235.2	36,200 *	80
85	71.5	237.4	34,000	73.1	236.2	35,300	74.7	233.5	35,300 *	85
90	70.3	235.6	30,800	71.9	234.3	32,000	73.4	231.6	33,200	90
95	69.0	233.6	28,100	70.6	232.4	29,200	72.1	229.6	30,300	95
100	67.7	231.5	25,600	69.3	230.3	26,700	70.8	227.5	27,700	100
105	66.4	229.3	23,400	68.0	228.0	24,400	69.5	225.3	25,300	105
110	65.1	227.0	21,400	66.7	225.7	22,400	68.2	222.9	23,200	110
115	63.8	224.5	19,600	65.4	223.2	20,500	66.9	220.3	21,300	115
120	62.5	221.8	18,000	64.0	220.5	18,800	65.5	217.6	19,600	120
125	61.1	219.1	16,500	62.7	217.7	17,300	64.1	214.8	18,000	125
130	59.8	216.1	15,100	61.3	214.7	15,900	62.7	211.8	16,500	130
135	58.4	213.0	13,900	59.9	211.6	14,600	61.3	208.6	15,200	135
140	57.0	209.7	12,700	58.5	208.3	13,300	59.9	205.3	13,900	140
145	55.5	206.3	11,600	57.0	204.8	12,200	58.4	201.7	12,800	145
150	54.1	202.6	10,600	55.6	201.1	11,200	56.9	198.0	11,700	150
155	52.6	198.7	9,700	54.1	197.2	10,200	55.4	194.0	10,700	155
160	51.1	194.7	8,800	52.5	193.1	9,300	53.8	189.8	9,700	160
165	49.5	190.4	8,000	51.0	188.8	8,500	52.2	185.4	8,900	165
170	47.9	185.8	7,200	49.4	184.2	7,700	50.6	180.8	8,000	170
175	46.3	181.0	6,500	47.7	179.4	6,900	48.9	175.8	7,200	175
180	44.6	176.0	5,800	46.0	174.3	6,200	47.2	170.6	6,500	180
185	42.9	170.6	5,200	44.3	168.8	5,500	45.4	165.0	5,800	185
190	41.1	164.8	4,500	42.5	163.0	4,900	43.5	159.0	5,100	190
195	39.2	158.7	4,000	40.6	156.8	4,300				195

14000 S-1

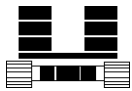
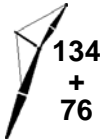
ANSI B30.5



ft	5°			15°			25°			ft
	°	ft	lb	°	ft	lb	°	ft	lb	
50	80.5	256.9	50,200 *							50
55	79.3	255.9	49,600 *	80.9	254.7	45,800 *				55
60	78.1	254.8	49,000 *	79.7	253.6	45,400 *				60
65	77.0	253.7	48,400 *	78.5	252.4	45,000 *	80.1	249.8	39,500 *	65
70	75.8	252.4	46,100	77.4	251.1	44,700 *	78.9	248.5	38,500 *	70
75	74.6	251.0	41,300	76.2	249.7	42,800	77.7	247.1	37,500 *	75
80	73.5	249.4	37,200	75.0	248.2	38,600	76.5	245.5	36,600 *	80
85	72.3	247.8	33,600	73.8	246.6	34,900	75.3	243.9	35,700 *	85
90	71.1	246.1	30,500	72.6	244.8	31,700	74.1	242.1	32,900	90
95	69.9	244.2	27,700	71.4	242.9	28,900	72.9	240.2	30,000	95
100	68.6	242.2	25,200	70.2	240.9	26,300	71.6	238.2	27,400	100
105	67.4	240.1	23,000	68.9	238.8	24,100	70.4	236.0	25,000	105
110	66.2	237.9	21,100	67.7	236.6	22,000	69.1	233.8	22,900	110
115	64.9	235.5	19,300	66.4	234.2	20,100	67.8	231.3	21,000	115
120	63.7	233.0	17,600	65.1	231.6	18,500	66.6	228.8	19,300	120
125	62.4	230.3	16,100	63.9	229.0	16,900	65.3	226.1	17,700	125
130	61.1	227.5	14,800	62.5	226.2	15,500	63.9	223.2	16,200	130
135	59.8	224.6	13,500	61.2	223.2	14,200	62.6	220.2	14,800	135
140	58.4	221.5	12,300	59.9	220.1	13,000	61.2	217.1	13,600	140
145	57.1	218.2	11,200	58.5	216.8	11,900	59.9	213.7	12,400	145
150	55.7	214.8	10,200	57.1	213.3	10,800	58.4	210.2	11,400	150
155	54.3	211.1	9,300	55.7	209.7	9,800	57.0	206.5	10,400	155
160	52.9	207.3	8,400	54.3	205.8	8,900	55.6	202.6	9,400	160
165	51.4	203.3	7,600	52.8	201.8	8,100	54.1	198.5	8,500	165
170	50.0	199.1	6,800	51.3	197.5	7,300	52.6	194.1	7,700	170
175	48.4	194.6	6,100	49.8	193.0	6,500	51.0	189.6	6,900	175
180	46.9	189.9	5,400	48.2	188.3	5,800	49.4	184.7	6,200	180
185	45.3	184.9	4,800	46.6	183.3	5,100	47.7	179.6	5,500	185
190	43.6	179.7	4,100	45.0	177.9	4,500	46.1	174.2	4,800	190
195							44.3	168.4	4,200	195

14000 S-1

ANSI B30.5



105.0 ft

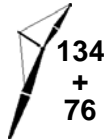


50.0 ft

	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
35	80.3	159.7	45,300 *							35
40	78.4	158.6	44,200 *							40
45	76.5	157.3	43,100 *	79.7	156.1	39,800 *				45
50	74.6	155.9	42,100 *	77.8	154.6	39,000 *				50
55	72.6	154.2	41,100 *	75.8	153.0	38,100 *	79.1	150.3	31,800 *	55
60	70.6	152.4	40,200 *	73.8	151.1	37,300 *	77.0	148.4	30,300 *	60
65	68.6	150.3	39,300 *	71.8	149.1	36,500 *	75.0	146.3	28,900 *	65
70	66.6	148.1	38,500 *	69.7	146.8	35,800 *	72.9	144.0	27,700 *	70
75	64.6	145.6	37,500 *	67.7	144.3	35,100 *	70.8	141.4	26,600 *	75
80	62.4	142.9	36,700 *	65.5	141.6	34,000 *	68.6	138.7	25,500 *	80
85	60.3	140.0	35,800 *	63.4	138.6	32,400 *	66.4	135.6	24,600 *	85
90	58.1	136.8	34,900	61.2	135.4	30,900 *	64.1	132.3	23,800 *	90
95	55.9	133.3	32,200	58.9	131.9	29,600 *	61.8	128.7	23,000 *	95
100	53.5	129.5	29,800	56.5	128.0	28,400 *	59.4	124.8	22,300 *	100
105	51.1	125.4	27,600	54.1	123.9	27,300 *	56.9	120.5	21,600 *	105
110	48.6	120.9	25,600	51.6	119.3	26,200	54.3	115.8	21,000 *	110
115	46.1	116.0	23,800	48.9	114.3	24,400	51.5	110.6	20,500 *	115
120	43.3	110.6	22,200	46.2	108.8	22,700	48.7	104.9	20,000 *	120
125	40.5	104.7	20,700	43.2	102.8	21,200	45.6	98.6	19,500 *	125
130	37.4	98.0	19,300	40.1	96.0	19,700				130
135	34.1	90.6	18,100	36.7	88.4	18,400				135
140	30.4	82.1	16,900	32.9	79.6	17,200				140
145	26.3	72.1	15,800							145
150	21.3	59.7	14,700							150

14000 S-1

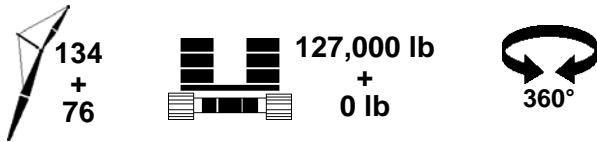
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
35										35
40										40
45										45
50				80.3	166.3	39,900 *				50
55				78.5	164.9	39,200 *				55
60				76.7	163.3	38,400 *	79.8	160.6	32,400 *	60
65				74.8	161.6	37,600 *	77.9	158.8	30,900 *	65
70				73.0	159.7	36,900 *	76.0	156.9	29,500 *	70
75				71.1	157.6	36,200 *	74.0	154.7	28,300 *	75
80				69.1	155.3	35,500 *	72.1	152.4	27,200 *	80
85				67.2	152.8	34,900 *	70.1	149.8	26,200 *	85
90				65.2	150.0	33,700 *	68.0	147.0	25,300 *	90
95				63.1	147.1	32,200 *	65.9	144.0	24,400 *	95
100				61.0	143.8	30,800 *	63.8	140.7	23,600 *	100
105				58.9	140.3	29,600 *	61.6	137.1	22,900 *	105
110				56.7	136.6	28,000	59.4	133.2	22,300 *	110
115				54.5	132.5	25,900	57.0	129.0	21,700 *	115
120				52.1	128.0	24,100	54.6	124.5	21,100 *	120
125				49.7	123.2	22,400	52.1	119.5	20,600 *	125
130				47.1	118.0	20,900	49.5	114.0	20,100 *	130
135				44.5	112.2	19,500	46.7	108.0	19,700 *	135
140				41.6	105.8	18,100	43.7	101.4	18,500	140
145				38.6	98.8	16,900				145
150				35.3	90.8	15,800				150
155				31.6	81.6	14,700				155

14000 S-1

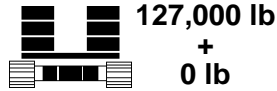
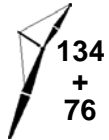
ANSI B30.5



	5°			15°			25°			
	ft	°	lb	ft	°	lb	ft	°	lb	
40	79.7	178.8	44,600 *							40
45	78.0	177.7	43,600 *	80.9	176.4	40,000 *				45
50	76.4	176.4	42,700 *	79.2	175.1	39,400 *				50
55	74.6	174.9	41,800 *	77.5	173.6	38,700 *	80.4	170.8	32,900 *	55
60	72.9	173.3	40,900 *	75.7	172.0	37,900 *	78.6	169.2	31,400 *	60
65	71.2	171.5	40,100 *	74.0	170.2	37,200 *	76.8	167.4	30,100 *	65
70	69.4	169.6	39,400 *	72.2	168.2	36,500 *	75.0	165.4	28,900 *	70
75	67.6	167.4	38,700 *	70.4	166.1	35,900 *	73.2	163.2	27,800 *	75
80	65.8	165.1	37,900 *	68.6	163.8	35,300 *	71.3	160.8	26,800 *	80
85	64.0	162.6	37,100 *	66.7	161.2	34,700 *	69.4	158.2	25,900 *	85
90	62.1	159.9	34,300	64.8	158.5	33,400 *	67.5	155.4	25,100 *	90
95	60.2	156.9	31,600	62.9	155.5	32,000 *	65.5	152.3	24,300 *	95
100	58.3	153.8	29,100	61.0	152.3	30,000	63.5	149.1	23,600 *	100
105	56.3	150.3	26,900	58.9	148.8	27,700	61.5	145.5	22,900 *	105
110	54.2	146.7	25,000	56.9	145.1	25,700	59.4	141.7	22,300 *	110
115	52.1	142.7	23,200	54.8	141.1	23,800	57.2	137.6	21,700 *	115
120	50.0	138.4	21,500	52.6	136.8	22,200	54.9	133.1	21,200 *	120
125	47.7	133.8	20,100	50.3	132.1	20,600	52.6	128.3	20,700 *	125
130	45.4	128.8	18,700	48.0	127.0	19,200	50.2	123.1	19,700	130
135	43.0	123.3	17,400	45.5	121.5	17,900	47.6	117.3	18,300	135
140	40.4	117.4	16,200	42.9	115.4	16,700	44.9	111.1	17,000	140
145	37.7	110.9	15,200	40.1	108.8	15,500				145
150	34.9	103.6	14,100	37.2	101.4	14,500				150
155	31.7	95.5	13,200	34.0	93.1	13,500				155
160	28.3	86.3	12,300							160
165	24.4	75.4	11,400							165

14000 S-1

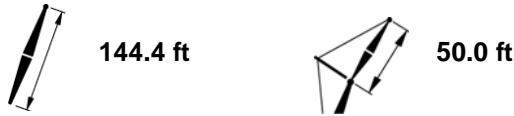
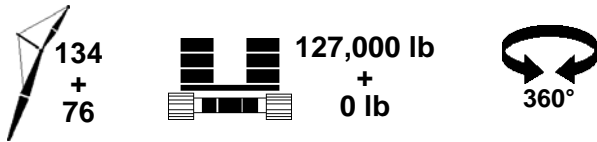
ANSI B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
40	80.3	188.8	44,600 *							40
45	78.7	187.8	43,700 *							45
50	77.1	186.5	42,800 *	79.8	185.2	39,400 *				50
55	75.5	185.2	42,000 *	78.2	183.9	38,800 *	80.9	181.0	33,400 *	55
60	73.9	183.7	41,200 *	76.5	182.3	38,100 *	79.3	179.5	32,000 *	60
65	72.2	182.0	40,400 *	74.9	180.7	37,500 *	77.6	177.8	30,700 *	65
70	70.6	180.2	39,700 *	73.2	178.8	36,800 *	75.9	175.9	29,500 *	70
75	68.9	178.2	39,000 *	71.5	176.8	36,200 *	74.2	173.8	28,400 *	75
80	67.2	176.0	38,300 *	69.8	174.6	35,600 *	72.4	171.6	27,400 *	80
85	65.5	173.6	37,000	68.1	172.2	35,100 *	70.7	169.2	26,500 *	85
90	63.7	171.1	33,900	66.3	169.7	34,600 *	68.9	166.6	25,700 *	90
95	62.0	168.4	31,200	64.5	166.9	32,200	67.1	163.8	24,900 *	95
100	60.2	165.4	28,800	62.7	163.9	29,700	65.2	160.7	24,100 *	100
105	58.3	162.3	26,600	60.9	160.8	27,400	63.3	157.5	23,500 *	105
110	56.5	158.9	24,600	59.0	157.3	25,400	61.4	154.0	22,800 *	110
115	54.5	155.2	22,800	57.0	153.6	23,500	59.4	150.2	22,300 *	115
120	52.6	151.3	21,200	55.0	149.7	21,800	57.3	146.1	21,700 *	120
125	50.5	147.1	19,700	53.0	145.5	20,300	55.2	141.8	20,900	125
130	48.4	142.6	18,300	50.9	140.9	18,900	53.1	137.1	19,400	130
135	46.3	137.7	17,100	48.7	136.0	17,600	50.8	132.0	18,100	135
140	44.0	132.5	15,900	46.4	130.6	16,400	48.4	126.5	16,800	140
145	41.7	126.8	14,800	44.0	124.8	15,200	45.9	120.5	15,600	145
150	39.2	120.6	13,800	41.5	118.5	14,200	43.3	114.0	14,500	150
155	36.6	113.8	12,800	38.8	111.6	13,200				155
160	33.8	106.3	12,000	35.9	103.9	12,300				160
165	30.7	97.9	11,100	32.8	95.3	11,400				165
170	27.3	88.3	10,300							170
175	23.5	77.0	9,600							175

14000 S-1

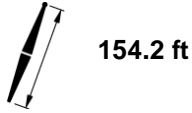
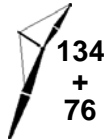
ANSI B30.5



	5°			15°			25°			
	ft	°	lb	ft	°	lb	ft	°	lb	
40	80.8	198.8	44,700 *							40
45	79.3	197.8	43,800 *							45
50	77.8	196.7	43,000 *	80.3	195.4	39,500 *				50
55	76.2	195.4	42,200 *	78.8	194.1	38,900 *				55
60	74.7	194.0	41,400 *	77.2	192.6	38,400 *	79.8	189.7	32,400 *	60
65	73.2	192.4	40,700 *	75.7	191.0	37,700 *	78.3	188.1	31,200 *	65
70	71.6	190.7	40,000 *	74.1	189.3	37,100 *	76.7	186.3	30,000 *	70
75	70.0	188.8	39,300 *	72.5	187.4	36,500 *	75.1	184.4	29,000 *	75
80	68.4	186.7	38,700 *	70.9	185.3	35,900 *	73.4	182.3	28,000 *	80
85	66.8	184.5	36,600	69.3	183.1	35,400 *	71.8	180.0	27,100 *	85
90	65.2	182.1	33,500	67.7	180.7	34,600	70.1	177.6	26,200 *	90
95	63.5	179.6	30,700	66.0	178.1	31,800	68.4	175.0	25,400 *	95
100	61.8	176.8	28,300	64.3	175.4	29,300	66.7	172.1	24,700 *	100
105	60.1	173.9	26,100	62.6	172.4	27,000	64.9	169.1	24,000 *	105
110	58.4	170.7	24,100	60.8	169.2	25,000	63.1	165.9	23,400 *	110
115	56.6	167.4	22,300	59.0	165.8	23,100	61.3	162.4	22,800 *	115
120	54.8	163.8	20,700	57.2	162.2	21,400	59.4	158.7	22,100	120
125	52.9	159.9	19,200	55.3	158.3	19,900	57.5	154.7	20,500	125
130	51.0	155.8	17,800	53.4	154.1	18,500	55.5	150.4	19,000	130
135	49.1	151.4	16,600	51.4	149.6	17,200	53.4	145.8	17,700	135
140	47.0	146.7	15,400	49.3	144.9	15,900	51.3	140.9	16,400	140
145	44.9	141.6	14,300	47.2	139.7	14,800	49.1	135.6	15,200	145
150	42.7	136.1	13,300	44.9	134.1	13,800	46.8	129.8	14,200	150
155	40.4	130.1	12,400	42.6	128.1	12,800	44.4	123.6	13,100	155
160	38.0	123.7	11,500	40.2	121.5	11,900				160
165	35.5	116.6	10,600	37.6	114.3	11,000				165
170	32.7	108.8	9,900	34.8	106.3	10,200				170
175	29.8	100.1	9,100	31.7	97.4	9,400				175
180	26.5	90.1	8,400							180
185	22.7	78.4	7,700							185

14000 S-1

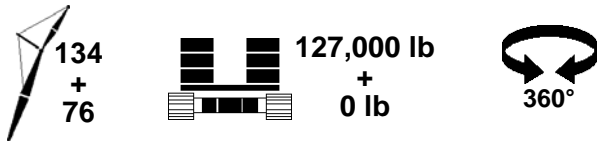
ANSI B30.5



ft	5°			15°			25°			ft
	°	ft	lb	°	ft	lb	°	ft	lb	
45	79.8	207.9	43,800 *							45
50	78.4	206.8	43,000 *	80.8	205.5	39,500 *				50
55	76.9	205.6	42,300 *	79.4	204.2	39,000 *				55
60	75.5	204.2	41,500 *	77.9	202.9	38,500 *	80.4	199.9	32,900 *	60
65	74.0	202.7	40,800 *	76.4	201.4	37,900 *	78.9	198.4	31,600 *	65
70	72.5	201.1	40,200 *	74.9	199.7	37,300 *	77.4	196.7	30,500 *	70
75	71.0	199.3	39,500 *	73.4	197.9	36,700 *	75.8	194.9	29,500 *	75
80	69.5	197.4	38,900 *	71.9	196.0	36,200 *	74.3	192.9	28,500 *	80
85	68.0	195.3	36,200 *	70.4	193.9	35,700 *	72.7	190.8	27,600 *	85
90	66.5	193.0	33,100	68.8	191.6	34,300	71.2	188.5	26,700 *	90
95	64.9	190.6	30,300	67.3	189.2	31,500	69.6	186.0	26,000 *	95
100	63.3	188.1	27,900	65.7	186.6	28,900	67.9	183.4	25,200 *	100
105	61.7	185.3	25,700	64.0	183.8	26,700	66.3	180.5	24,600 *	105
110	60.1	182.4	23,700	62.4	180.8	24,600	64.6	177.5	23,900 *	110
115	58.4	179.2	21,900	60.7	177.7	22,800	62.9	174.3	23,300 *	115
120	56.8	175.9	20,300	59.0	174.3	21,100	61.2	170.8	21,800	120
125	55.0	172.3	18,800	57.3	170.7	19,500	59.4	167.2	20,200	125
130	53.3	168.5	17,400	55.5	166.9	18,100	57.6	163.2	18,800	130
135	51.5	164.5	16,200	53.7	162.8	16,800	55.7	159.0	17,400	135
140	49.6	160.1	15,000	51.8	158.4	15,600	53.8	154.5	16,100	140
145	47.7	155.5	13,900	49.9	153.7	14,500	51.8	149.7	15,000	145
150	45.7	150.6	12,900	47.9	148.7	13,400	49.7	144.6	13,900	150
155	43.7	145.3	12,000	45.8	143.3	12,400	47.6	139.0	12,800	155
160	41.5	139.5	11,100	43.6	137.5	11,500	45.3	133.0	11,900	160
165	39.3	133.4	10,300	41.4	131.2	10,700	43.0	126.5	11,000	165
170	37.0	126.7	9,500	39.0	124.4	9,800				170
175	34.5	119.4	8,800	36.4	117.0	9,100				175
180	31.8	111.3	8,100	33.7	108.7	8,300				180
185	28.9	102.2	7,400							185
190	25.7	91.9	6,800							190
195	22.0	79.8	6,200							195

14000 S-1

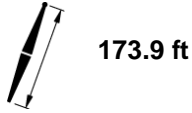
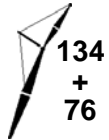
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
45	80.3	217.9	43,800 *							45
50	78.9	216.9	43,000 *							50
55	77.5	215.7	42,300 *	79.9	214.4	38,900 *				55
60	76.2	214.4	41,600 *	78.5	213.1	38,500 *	80.8	210.1	33,300 *	60
65	74.8	213.0	40,900 *	77.1	211.6	38,000 *	79.4	208.6	32,100 *	65
70	73.4	211.5	40,300 *	75.7	210.1	37,400 *	78.0	207.1	31,000 *	70
75	71.9	209.8	39,700 *	74.2	208.4	36,900 *	76.5	205.3	29,900 *	75
80	70.5	207.9	39,100 *	72.8	206.5	36,400 *	75.1	203.5	29,000 *	80
85	69.1	206.0	35,900	71.3	204.5	35,900 *	73.6	201.4	28,100 *	85
90	67.6	203.8	32,800	69.9	202.4	34,000	72.1	199.3	27,200 *	90
95	66.2	201.6	30,000	68.4	200.1	31,200	70.6	196.9	26,500 *	95
100	64.7	199.1	27,600	66.9	197.7	28,700	69.1	194.4	25,700 *	100
105	63.2	196.5	25,400	65.4	195.0	26,400	67.5	191.8	25,100 *	105
110	61.6	193.8	23,400	63.8	192.3	24,400	66.0	188.9	24,400 *	110
115	60.1	190.8	21,600	62.3	189.3	22,500	64.4	185.9	23,300	115
120	58.5	187.7	20,000	60.7	186.1	20,800	62.7	182.7	21,600	120
125	56.9	184.4	18,500	59.0	182.8	19,300	61.1	179.3	20,000	125
130	55.2	180.8	17,100	57.4	179.2	17,800	59.4	175.6	18,500	130
135	53.6	177.1	15,900	55.7	175.4	16,500	57.7	171.8	17,200	135
140	51.9	173.1	14,700	54.0	171.4	15,300	55.9	167.6	15,900	140
145	50.1	168.8	13,600	52.2	167.1	14,200	54.1	163.2	14,700	145
150	48.3	164.3	12,600	50.4	162.5	13,100	52.2	158.5	13,600	150
155	46.4	159.5	11,700	48.5	157.6	12,200	50.3	153.5	12,600	155
160	44.5	154.3	10,800	46.5	152.4	11,200	48.3	148.2	11,700	160
165	42.5	148.8	10,000	44.5	146.8	10,400	46.2	142.4	10,800	165
170	40.4	142.9	9,200	42.4	140.8	9,600	44.0	136.2	9,900	170
175	38.3	136.5	8,400	40.2	134.3	8,800				175
180	36.0	129.6	7,800	37.9	127.2	8,100				180
185	33.5	122.0	7,100	35.4	119.5	7,400				185
190	30.9	113.6	6,500	32.7	110.9	6,700				190
195	28.1	104.3	5,900							195
200	24.9	93.7	5,300							200
205	21.3	81.2	4,800							205

14000 S-1

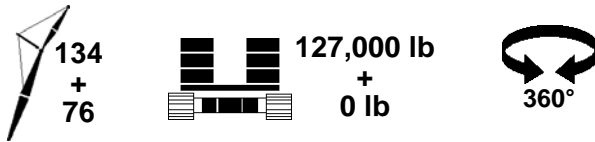
ANSI B30.5



	5°			15°			25°				
	ft	°	ft	lb	ft	°	ft	lb	ft		
45		80.7	227.9	43,700 *						45	
50		79.4	227.0	43,000 *						50	
55		78.1	225.8	42,300 *	80.3	224.5	38,900 *			55	
60		76.8	224.6	41,600 *	79.0	223.2	38,500 *			60	
65		75.5	223.3	41,000 *	77.7	221.9	38,000 *	79.9	218.8	32,500 *	65
70		74.1	221.8	40,400 *	76.3	220.4	37,600 *	78.5	217.3	31,400 *	70
75		72.8	220.2	39,800 *	75.0	218.8	37,000 *	77.2	215.7	30,400 *	75
80		71.4	218.4	39,100	73.6	217.0	36,500 *	75.8	213.9	29,400 *	80
85		70.0	216.6	35,500	72.2	215.1	36,000 *	74.4	212.0	28,500 *	85
90		68.7	214.5	32,400	70.8	213.1	33,700	73.0	209.9	27,700 *	90
95		67.3	212.4	29,700	69.4	210.9	30,900	71.5	207.7	26,900 *	95
100		65.9	210.1	27,200	68.0	208.6	28,300	70.1	205.4	26,200 *	100
105		64.4	207.6	25,000	66.6	206.1	26,100	68.6	202.9	25,600 *	105
110		63.0	205.0	23,000	65.1	203.5	24,000	67.2	200.2	24,900 *	110
115		61.5	202.3	21,200	63.6	200.7	22,200	65.7	197.4	23,100	115
120		60.0	199.3	19,600	62.1	197.8	20,500	64.1	194.3	21,300	120
125		58.5	196.2	18,100	60.6	194.6	18,900	62.6	191.1	19,700	125
130		57.0	192.9	16,700	59.1	191.3	17,500	61.0	187.7	18,200	130
135		55.4	189.4	15,500	57.5	187.7	16,200	59.4	184.1	16,900	135
140		53.8	185.7	14,300	55.9	184.0	15,000	57.8	180.3	15,600	140
145		52.2	181.7	13,200	54.2	180.0	13,800	56.1	176.2	14,400	145
150		50.5	177.5	12,200	52.5	175.8	12,800	54.3	171.9	13,300	150
155		48.8	173.1	11,300	50.8	171.3	11,800	52.6	167.3	12,300	155
160		47.1	168.4	10,400	49.0	166.5	10,900	50.7	162.4	11,400	160
165		45.3	163.4	9,600	47.2	161.4	10,000	48.9	157.2	10,500	165
170		43.4	158.0	8,800	45.3	156.0	9,200	46.9	151.6	9,600	170
175		41.4	152.3	8,100	43.3	150.2	8,500	44.9	145.6	8,800	175
180		39.4	146.1	7,400	41.3	144.0	7,700	42.7	139.2	8,000	180
185		37.3	139.5	6,700	39.1	137.2	7,100				185
190		35.0	132.3	6,100	36.8	129.9	6,400				190
195		32.7	124.5	5,500	34.4	121.9	5,800				195
200		30.1	115.9	4,900	31.8	113.1	5,200				200
205		27.3	106.3	4,400							205

14000 S-1

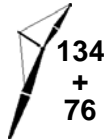
ANSI B30.5



	5°			15°			25°			
	ft	°	lb	ft	°	lb	ft	°	lb	
50	79.9	237.0	42,900 *							50
55	78.6	235.9	42,200 *	80.7	234.6	38,800 *				55
60	77.3	234.8	41,600 *	79.5	233.4	38,400 *				60
65	76.1	233.5	41,000 *	78.2	232.1	38,000 *	80.4	229.0	32,900 *	65
70	74.8	232.1	40,400 *	76.9	230.6	37,600 *	79.1	227.6	31,800 *	70
75	73.5	230.5	39,800 *	75.6	229.1	37,100 *	77.7	226.0	30,800 *	75
80	72.2	228.9	38,700	74.3	227.4	36,600 *	76.4	224.3	29,800 *	80
85	70.9	227.1	35,100	73.0	225.6	36,200 *	75.1	222.5	29,000 *	85
90	69.6	225.2	32,000	71.7	223.7	33,300	73.8	220.5	28,200 *	90
95	68.3	223.1	29,200	70.4	221.6	30,500	72.4	218.5	27,400 *	95
100	67.0	220.9	26,800	69.0	219.5	27,900	71.0	216.2	26,700 *	100
105	65.6	218.6	24,600	67.6	217.1	25,700	69.6	213.8	26,000 *	105
110	64.2	216.1	22,600	66.3	214.6	23,600	68.2	211.3	24,600	110
115	62.8	213.5	20,800	64.9	212.0	21,700	66.8	208.6	22,700	115
120	61.4	210.7	19,100	63.5	209.2	20,000	65.4	205.8	20,900	120
125	60.0	207.8	17,600	62.0	206.2	18,500	63.9	202.8	19,300	125
130	58.6	204.7	16,300	60.6	203.1	17,100	62.4	199.6	17,800	130
135	57.1	201.4	15,000	59.1	199.7	15,800	60.9	196.2	16,500	135
140	55.6	197.9	13,800	57.6	196.2	14,500	59.4	192.6	15,200	140
145	54.1	194.2	12,700	56.0	192.5	13,400	57.8	188.8	14,000	145
150	52.5	190.3	11,700	54.5	188.6	12,400	56.2	184.8	12,900	150
155	50.9	186.2	10,800	52.9	184.4	11,400	54.6	180.5	11,900	155
160	49.3	181.8	9,900	51.2	180.0	10,500	52.9	176.0	11,000	160
165	47.6	177.2	9,100	49.5	175.4	9,600	51.2	171.3	10,100	165
170	45.9	172.3	8,300	47.8	170.4	8,800	49.4	166.2	9,200	170
175	44.2	167.1	7,600	46.0	165.1	8,000	47.6	160.7	8,400	175
180	42.3	161.6	6,900	44.1	159.5	7,300	45.6	155.0	7,700	180
185	40.4	155.6	6,200	42.2	153.5	6,600	43.7	148.8	6,900	185
190	38.4	149.3	5,600	40.2	147.0	6,000				190
195	36.4	142.5	5,000	38.1	140.1	5,400				195
200	34.2	135.1	4,500	35.9	132.6	4,800				200
205				33.5	124.3	4,200				205

14000 S-1

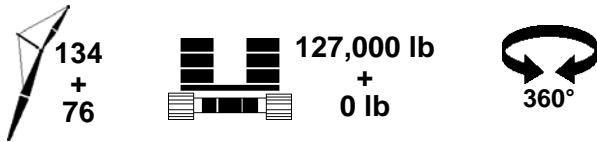
ANSI B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
50	80.3	247.0	42,700 *							50
55	79.1	246.0	42,100 *							55
60	77.9	244.9	41,500 *	79.9	243.5	38,300 *				60
65	76.7	243.6	40,900 *	78.7	242.2	37,900 *	80.8	239.2	33,200 *	65
70	75.4	242.3	40,400 *	77.5	240.9	37,500 *	79.5	237.8	32,200 *	70
75	74.2	240.8	39,800 *	76.2	239.4	37,200 *	78.3	236.3	31,200 *	75
80	73.0	239.2	38,300	75.0	237.8	36,700 *	77.0	234.7	30,300 *	80
85	71.7	237.5	34,700	73.7	236.1	36,200 *	75.7	232.9	29,400 *	85
90	70.5	235.7	31,600	72.5	234.3	33,000	74.5	231.1	28,600 *	90
95	69.2	233.8	28,800	71.2	232.3	30,200	73.2	229.1	27,800 *	95
100	67.9	231.7	26,400	69.9	230.2	27,600	71.9	227.0	27,100 *	100
105	66.7	229.5	24,200	68.6	228.0	25,300	70.6	224.7	26,400 *	105
110	65.4	227.1	22,200	67.3	225.6	23,300	69.2	222.3	24,300	110
115	64.0	224.6	20,400	66.0	223.1	21,400	67.9	219.7	22,400	115
120	62.7	222.0	18,700	64.6	220.4	19,700	66.5	217.1	20,600	120
125	61.4	219.2	17,200	63.3	217.6	18,100	65.1	214.2	19,000	125
130	60.0	216.3	15,900	61.9	214.7	16,700	63.7	211.2	17,500	130
135	58.6	213.2	14,600	60.5	211.5	15,400	62.3	208.0	16,200	135
140	57.2	209.9	13,400	59.1	208.2	14,200	60.9	204.6	14,900	140
145	55.8	206.4	12,300	57.7	204.7	13,100	59.4	201.1	13,700	145
150	54.3	202.8	11,300	56.2	201.1	12,000	57.9	197.3	12,600	150
155	52.8	198.9	10,400	54.7	197.2	11,000	56.4	193.4	11,600	155
160	51.3	194.9	9,500	53.2	193.1	10,100	54.8	189.2	10,600	160
165	49.8	190.6	8,700	51.6	188.7	9,200	53.2	184.7	9,700	165
170	48.2	186.0	7,900	50.0	184.2	8,400	51.6	180.1	8,900	170
175	46.5	181.2	7,200	48.3	179.3	7,700	49.9	175.1	8,100	175
180	44.9	176.2	6,500	46.6	174.2	6,900	48.1	169.8	7,300	180
185	43.1	170.8	5,800	44.9	168.7	6,300	46.3	164.2	6,600	185
190	41.3	165.0	5,200	43.1	162.9	5,600	44.5	158.2	5,900	190
195	39.5	158.9	4,600	41.2	156.7	5,000				195
200	37.5	152.3	4,100	39.2	150.0	4,400				200

14000 S-1

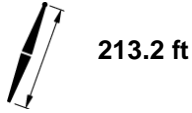
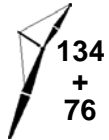
ANSI B30.5



	5°			15°			25°			
	ft	°	lb	ft	°	lb	ft	°	lb	
50	80.7	257.0	42,500 *							50
55	79.5	256.1	41,900 *							55
60	78.3	255.0	41,300 *	80.3	253.6	38,200 *				60
65	77.2	253.8	40,800 *	79.1	252.4	37,800 *				65
70	76.0	252.5	40,300 *	78.0	251.1	37,400 *	79.9	248.0	32,500 *	70
75	74.8	251.1	39,800 *	76.8	249.7	37,100 *	78.7	246.5	31,500 *	75
80	73.7	249.6	38,000	75.6	248.1	36,800 *	77.5	245.0	30,600 *	80
85	72.5	248.0	34,400	74.4	246.5	36,000	76.3	243.3	29,800 *	85
90	71.3	246.2	31,300	73.2	244.7	32,700	75.1	241.5	29,000 *	90
95	70.1	244.3	28,500	72.0	242.9	29,900	73.9	239.6	28,200 *	95
100	68.8	242.4	26,000	70.8	240.9	27,300	72.6	237.6	27,500 *	100
105	67.6	240.2	23,800	69.5	238.7	25,000	71.4	235.5	26,200	105
110	66.4	238.0	21,800	68.3	236.5	23,000	70.1	233.2	24,100	110
115	65.1	235.6	20,000	67.0	234.1	21,100	68.8	230.8	22,100	115
120	63.9	233.1	18,400	65.7	231.6	19,400	67.5	228.2	20,400	120
125	62.6	230.5	16,900	64.4	228.9	17,800	66.2	225.5	18,700	125
130	61.3	227.7	15,500	63.1	226.1	16,400	64.9	222.6	17,300	130
135	60.0	224.7	14,200	61.8	223.1	15,100	63.6	219.6	15,900	135
140	58.6	221.6	13,100	60.5	220.0	13,900	62.2	216.4	14,600	140
145	57.3	218.4	12,000	59.1	216.7	12,700	60.8	213.1	13,400	145
150	55.9	214.9	11,000	57.7	213.2	11,700	59.4	209.6	12,300	150
155	54.5	211.3	10,000	56.3	209.6	10,700	58.0	205.8	11,300	155
160	53.1	207.5	9,200	54.9	205.8	9,800	56.5	201.9	10,400	160
165	51.7	203.5	8,300	53.4	201.7	8,900	55.0	197.8	9,500	165
170	50.2	199.3	7,600	51.9	197.4	8,100	53.5	193.4	8,600	170
175	48.7	194.8	6,800	50.4	192.9	7,400	51.9	188.8	7,800	175
180	47.1	190.1	6,100	48.8	188.2	6,600	50.3	184.0	7,100	180
185	45.5	185.1	5,500	47.2	183.2	6,000	48.7	178.8	6,400	185
190	43.9	179.9	4,900	45.6	177.8	5,300	47.0	173.4	5,700	190
195	42.2	174.3	4,300	43.8	172.2	4,700	45.2	167.6	5,000	195
200				42.1	166.2	4,100	43.4	161.4	4,400	200

14000 S-1

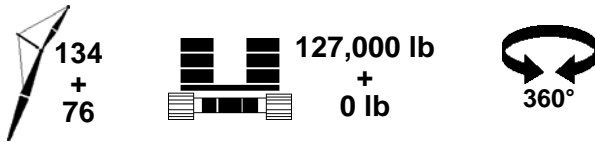
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
50	81.0		267.0							50
55	79.9		266.1							55
60	78.8		265.1							60
65	77.7		263.9	80.7	263.6					65
70	76.6		262.7	79.6	262.5					70
75	75.4		261.3	78.4	261.2		80.3	258.1		75
80	74.3		259.9	77.3	259.9		79.2	256.7		80
85	73.2		258.3	76.2	258.4		78.0	255.3		85
90	72.0		256.6	75.0	256.9		76.9	253.7		90
95	70.8		254.9	73.9	255.2		75.7	252.0		95
100	69.7		253.0	72.7	253.4		74.5	250.1		100
105	68.5		250.9	71.5	251.5		73.3	248.2		105
110	67.3		248.8	70.3	249.4		72.1	246.1		110
115	66.1		246.5	69.1	247.3		70.9	244.0		115
120	64.9		244.1	67.9	245.0		69.7	241.7		120
125	63.7		241.6	66.7	242.6		68.5	239.2		125
130	62.5		239.0	65.5	240.1		67.2	236.6		130
135	61.2		236.2	64.3	237.4		66.0	233.9		135
140	60.0		233.2	63.0	234.6		64.7	231.1		140
145	58.7		230.1	61.7	231.6		63.4	228.0		145
150	57.4		226.9	60.4	228.5		62.1	224.9		150
155	56.1		223.5	59.1	225.2		60.8	221.5		155
160	54.7		219.9	57.8	221.7		59.4	218.0		160
165	53.4		216.1	56.4	218.1		58.0	214.3		165
170	52.0		212.1	55.1	214.3		56.6	210.5		170
175	50.5		207.9	53.7	210.3		55.2	206.4		175
180	49.1		203.6	52.2	206.1		53.7	202.1		180
185	47.6		198.9	50.8	201.7		52.2	197.6		185
190	46.1		194.1	49.3	197.0		50.7	192.8		190
195				47.7	192.1		49.1	187.8		195
200				46.2	186.9		47.5	182.5		200
							45.9	176.8		200

14000 S-1

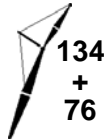
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
35	80.9		170.0							35
40	79.1		168.9							40
45	77.3		167.7							45
50	75.5		166.3							50
55	73.7		164.8							55
60	71.9		163.1							60
65	70.0		161.2							65
70	68.2		159.1							70
75	66.2		156.8							75
80	64.3		154.3							80
85	62.3		151.6							85
90	60.3		148.7							90
95	58.3		145.5							95
100	56.1		142.1							100
105	54.0		138.3							105
110	51.7		134.3							110
115	49.4		129.9							115
120	47.0		125.2							120
125	44.5		120.0							125
130	41.9		114.4							130
135	39.1		108.2							135
140	36.2		101.3							140
145	33.0		93.5							145
150	29.4		84.7							150
155	25.4		74.3							155
160	20.7		61.4							160

14000 S-1

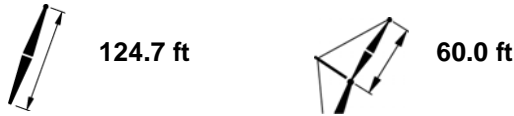
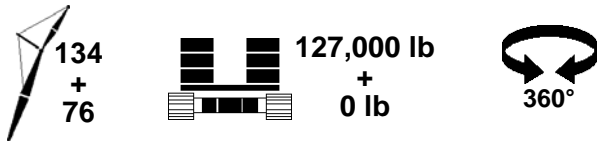
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
40	79.8	179.0	38,100 *							40
45	78.1	177.9	37,300 *							45
50	76.4	176.6	36,400 *	80.2	175.5	31,500 *				50
55	74.7	175.1	35,600 *	78.5	174.1	31,300 *				55
60	73.0	173.5	34,700 *	76.7	172.5	30,800 *	80.3	169.5	28,100 *	60
65	71.2	171.7	33,800 *	75.0	170.7	30,400 *	78.5	167.7	26,800 *	65
70	69.5	169.8	33,000 *	73.2	168.8	30,000 *	76.7	165.7	25,600 *	70
75	67.7	167.7	32,200 *	71.4	166.7	29,400 *	74.8	163.6	24,500 *	75
80	65.9	165.3	31,500 *	69.6	164.4	28,900 *	73.0	161.2	23,500 *	80
85	64.0	162.8	30,700 *	67.7	161.9	28,300 *	71.1	158.7	22,600 *	85
90	62.2	160.1	30,100 *	65.9	159.2	27,800 *	69.2	155.9	21,700 *	90
95	60.3	157.2	29,400 *	64.0	156.2	27,400 *	67.2	152.9	21,000 *	95
100	58.3	154.0	28,800 *	62.0	153.1	26,800 *	65.2	149.7	20,300 *	100
105	56.3	150.6	27,600 *	60.0	149.7	25,700 *	63.2	146.2	19,600 *	105
110	54.3	146.9	25,600 *	58.0	146.0	24,600 *	61.1	142.4	19,000 *	110
115	52.2	142.9	23,800 *	55.8	142.1	23,700 *	58.9	138.4	18,400 *	115
120	50.1	138.7	22,200 *	53.7	137.8	22,800 *	56.7	134.0	17,900 *	120
125	47.8	134.1	20,700 *	51.4	133.2	21,500 *	54.4	129.2	17,400 *	125
130	45.5	129.1	19,300 *	49.1	128.2	20,000 *	51.9	124.0	17,000 *	130
135	43.1	123.6	18,100 *	46.7	122.8	18,700 *	49.4	118.4	16,600 *	135
140	40.5	117.7	16,900 *	44.1	116.8	17,500 *	46.7	112.2	16,200 *	140
145	37.9	111.2	15,800 *	41.4	110.3	16,400 *	43.9	105.4	15,900 *	145
150	35.0	104.0	14,800 *	38.5	103.1	15,300 *				150
155	31.9	95.9	13,900 *	35.3	95.0	14,300 *				155
160	28.4	86.7	13,000 *	31.9	85.7	13,300 *				160
165	24.5	75.9	12,100 *							165

14000 S-1

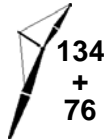
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
40	80.3	189.0	38,200 *							40
45	78.7	188.0	37,400 *							45
50	77.1	186.7	36,600 *	80.7	185.6	31,500 *				50
55	75.5	185.4	35,800 *	79.1	184.3	31,300 *				55
60	73.9	183.9	35,000 *	77.5	182.8	30,900 *	80.8	179.7	28,600 *	60
65	72.3	182.2	34,200 *	75.8	181.1	30,500 *	79.1	178.0	27,300 *	65
70	70.6	180.4	33,400 *	74.2	179.3	30,100 *	77.4	176.2	26,100 *	70
75	68.9	178.4	32,600 *	72.5	177.3	29,700 *	75.7	174.2	25,000 *	75
80	67.2	176.2	31,900 *	70.8	175.2	29,200 *	74.0	172.0	24,000 *	80
85	65.5	173.8	31,200 *	69.0	172.9	28,700 *	72.2	169.6	23,100 *	85
90	63.8	171.3	30,600 *	67.3	170.3	28,200 *	70.4	167.0	22,300 *	90
95	62.0	168.6	29,900 *	65.5	167.6	27,700 *	68.6	164.2	21,500 *	95
100	60.2	165.6	29,300 *	63.7	164.7	27,300 *	66.8	161.2	20,800 *	100
105	58.4	162.5	27,300 *	61.9	161.5	26,700 *	64.9	158.0	20,100 *	105
110	56.5	159.1	25,300 *	60.0	158.2	25,600 *	63.0	154.6	19,500 *	110
115	54.6	155.5	23,500 *	58.0	154.5	24,400 *	61.0	150.8	19,000 *	115
120	52.6	151.6	21,900 *	56.1	150.6	22,700 *	58.9	146.9	18,400 *	120
125	50.6	147.4	20,400 *	54.0	146.5	21,200 *	56.9	142.6	18,000 *	125
130	48.5	142.9	19,000 *	51.9	142.0	19,800 *	54.7	137.9	17,500 *	130
135	46.3	138.0	17,800 *	49.7	137.1	18,500 *	52.4	132.9	17,100 *	135
140	44.1	132.8	16,600 *	47.5	131.9	17,200 *	50.1	127.5	16,700 *	140
145	41.8	127.1	15,500 *	45.1	126.2	16,100 *	47.6	121.6	16,300 *	145
150	39.3	120.9	14,500 *	42.6	120.0	15,000 *	45.0	115.1	15,500 *	150
155	36.7	114.1	13,600 *	40.0	113.2	14,100 *	42.3	108.0	14,400 *	155
160	33.9	106.7	12,700 *	37.2	105.7	13,100 *				160
165	30.8	98.3	11,800 *	34.1	97.2	12,200 *				165
170	27.5	88.7	11,000 *	30.7	87.6	11,400 *				170
175	23.7	77.5	10,300 *							175

14000 S-1

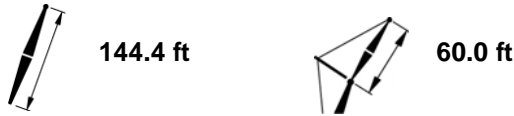
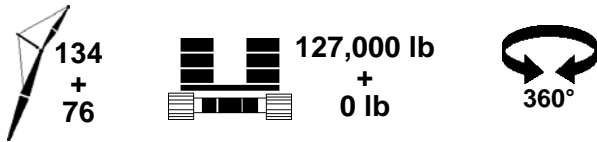
ANSI B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
40	80.8	199.0	38,300 *							40
45	79.3	198.0	37,500 *							45
50	77.8	196.9	36,700 *							50
55	76.3	195.6	36,000 *	79.7	194.5	31,400 *				55
60	74.7	194.2	35,300 *	78.1	193.1	31,000 *				60
65	73.2	192.6	34,500 *	76.6	191.5	30,600 *	79.7	188.3	27,700 *	65
70	71.6	190.9	33,800 *	75.0	189.8	30,200 *	78.1	186.6	26,600 *	70
75	70.1	189.0	33,000 *	73.4	187.9	29,800 *	76.5	184.7	25,500 *	75
80	68.5	186.9	32,300 *	71.8	185.9	29,400 *	74.9	182.6	24,500 *	80
85	66.9	184.7	31,600 *	70.2	183.7	28,900 *	73.2	180.4	23,600 *	85
90	65.2	182.4	31,000 *	68.6	181.3	28,500 *	71.6	178.0	22,800 *	90
95	63.6	179.8	30,400 *	66.9	178.8	28,000 *	69.9	175.4	22,000 *	95
100	61.9	177.1	29,100	65.2	176.0	27,600 *	68.1	172.6	21,300 *	100
105	60.2	174.1	26,900	63.5	173.1	27,200 *	66.4	169.6	20,700 *	105
110	58.4	171.0	24,900	61.7	170.0	26,000	64.6	166.4	20,000 *	110
115	56.7	167.6	23,100	59.9	166.6	24,100	62.8	163.0	19,500 *	115
120	54.8	164.0	21,500	58.1	163.0	22,400	60.9	159.3	18,900 *	120
125	53.0	160.2	20,000	56.2	159.2	20,900	59.0	155.3	18,400 *	125
130	51.1	156.1	18,600	54.3	155.1	19,500	57.0	151.1	18,000 *	130
135	49.1	151.6	17,400	52.4	150.7	18,100	55.0	146.6	17,600 *	135
140	47.1	146.9	16,200	50.3	146.0	16,900	52.9	141.7	17,200 *	140
145	45.0	141.8	15,100	48.2	140.9	15,800	50.7	136.5	16,300	145
150	42.8	136.4	14,100	46.0	135.4	14,700	48.4	130.8	15,200	150
155	40.5	130.5	13,200	43.7	129.5	13,700	46.0	124.6	14,200	155
160	38.1	124.0	12,300	41.3	123.0	12,800	43.5	117.9	13,200	160
165	35.6	117.0	11,500	38.7	116.0	11,900				165
170	32.9	109.2	10,700	35.9	108.1	11,100				170
175	29.9	100.5	9,900	33.0	99.4	10,300				175
180	26.6	90.6	9,200							180
185	22.9	79.0	8,600							185

14000 S-1

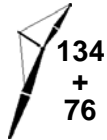
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
45	79.8	208.1	37,500 *							45
50	78.4	207.0	36,800 *							50
55	76.9	205.8	36,100 *	80.2	204.6	31,400 *				55
60	75.5	204.4	35,500 *	78.7	203.3	31,000 *				60
65	74.0	202.9	34,800 *	77.3	201.8	30,600 *	80.3	198.6	28,100 *	65
70	72.6	201.3	34,100 *	75.8	200.2	30,300 *	78.7	196.9	27,000 *	70
75	71.1	199.5	33,300 *	74.3	198.4	29,900 *	77.2	195.1	25,900 *	75
80	69.6	197.6	32,700 *	72.8	196.5	29,600 *	75.7	193.2	25,000 *	80
85	68.0	195.5	32,000 *	71.2	194.4	29,200 *	74.1	191.1	24,100 *	85
90	66.5	193.3	31,400 *	69.7	192.2	28,700 *	72.6	188.8	23,300 *	90
95	65.0	190.9	30,800 *	68.1	189.8	28,300 *	71.0	186.4	22,500 *	95
100	63.4	188.3	28,600 *	66.5	187.2	27,900 *	69.3	183.8	21,800 *	100
105	61.8	185.5	26,400 *	64.9	184.5	27,500 *	67.7	181.0	21,100 *	105
110	60.1	182.6	24,400 *	63.3	181.6	25,600 *	66.0	178.0	20,500 *	110
115	58.5	179.5	22,600 *	61.6	178.4	23,700 *	64.3	174.8	20,000 *	115
120	56.8	176.1	21,000 *	59.9	175.1	22,000 *	62.6	171.4	19,400 *	120
125	55.1	172.6	19,500 *	58.2	171.5	20,500 *	60.8	167.7	18,900 *	125
130	53.3	168.8	18,100 *	56.4	167.7	19,000 *	59.0	163.8	18,500 *	130
135	51.5	164.7	16,900 *	54.6	163.7	17,700 *	57.1	159.7	18,000 *	135
140	49.7	160.4	15,700 *	52.7	159.4	16,500 *	55.2	155.3	17,100 *	140
145	47.8	155.8	14,600 *	50.8	154.8	15,400 *	53.2	150.5	15,900 *	145
150	45.8	150.8	13,600 *	48.8	149.8	14,300 *	51.2	145.4	14,800 *	150
155	43.7	145.5	12,700 *	46.8	144.5	13,300 *	49.1	139.9	13,800 *	155
160	41.6	139.8	11,800 *	44.6	138.8	12,400 *	46.9	134.0	12,800 *	160
165	39.4	133.7	11,000 *	42.4	132.7	11,500 *	44.5	127.6	11,900 *	165
170	37.0	127.0	10,200 *	40.0	126.0	10,700 *	42.1	120.6	11,000 *	170
175	34.6	119.7	9,500 *	37.5	118.6	9,900 *				175
180	31.9	111.7	8,800 *	34.8	110.5	9,200 *				180
185	29.0	102.7	8,100 *	31.9	101.5	8,500 *				185
190	25.8	92.4	7,500 *							190
195	22.2	80.4	6,900 *							195

14000 S-1

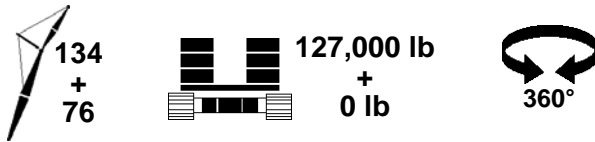
ANSI B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	ft	lb	ft	
45	80.3	218.1	37,500 *							45
50	78.9	217.1	36,800 *							50
55	77.6	215.9	36,200 *	80.7	214.7	31,400 *				55
60	76.2	214.6	35,600 *	79.3	213.4	31,000 *				60
65	74.8	213.2	34,900 *	77.9	212.0	30,600 *	80.7	208.8	28,500 *	65
70	73.4	211.7	34,300 *	76.5	210.5	30,300 *	79.3	207.2	27,400 *	70
75	72.0	210.0	33,600 *	75.0	208.8	30,000 *	77.9	205.5	26,400 *	75
80	70.6	208.1	32,900 *	73.6	207.0	29,600 *	76.4	203.7	25,400 *	80
85	69.1	206.2	32,300 *	72.2	205.1	29,300 *	74.9	201.7	24,500 *	85
90	67.7	204.1	31,700 *	70.7	202.9	28,900 *	73.4	199.5	23,700 *	90
95	66.2	201.8	30,600	69.2	200.7	28,500 *	71.9	197.2	23,000 *	95
100	64.7	199.4	28,200	67.7	198.3	28,100 *	70.4	194.8	22,300 *	100
105	63.2	196.8	26,000	66.2	195.7	27,300	68.9	192.1	21,600 *	105
110	61.7	194.0	24,000	64.7	192.9	25,200	67.3	189.3	21,000 *	110
115	60.1	191.1	22,200	63.1	190.0	23,400	65.7	186.3	20,400 *	115
120	58.5	187.9	20,600	61.5	186.9	21,700	64.1	183.2	19,900 *	120
125	56.9	184.6	19,100	59.9	183.6	20,100	62.4	179.8	19,400 *	125
130	55.3	181.1	17,700	58.3	180.0	18,700	60.8	176.2	18,900 *	130
135	53.6	177.3	16,500	56.6	176.3	17,400	59.0	172.3	18,100	135
140	51.9	173.3	15,300	54.8	172.3	16,100	57.3	168.2	16,800	140
145	50.2	169.1	14,200	53.1	168.1	15,000	55.5	163.9	15,600	145
150	48.3	164.6	13,200	51.3	163.5	14,000	53.6	159.3	14,500	150
155	46.5	159.8	12,300	49.4	158.7	13,000	51.7	154.3	13,500	155
160	44.6	154.6	11,400	47.5	153.6	12,000	49.7	149.0	12,500	160
165	42.6	149.1	10,600	45.5	148.1	11,200	47.6	143.3	11,600	165
170	40.5	143.2	9,800	43.4	142.1	10,400	45.4	137.1	10,800	170
175	38.3	136.8	9,100	41.2	135.7	9,600	43.1	130.5	9,900	175
180	36.1	129.9	8,400	38.9	128.8	8,900				180
185	33.6	122.3	7,700	36.4	121.2	8,200				185
190	31.0	114.0	7,100	33.8	112.8	7,500				190
195	28.2	104.7	6,500	30.9	103.5	6,900				195
200	25.1	94.1	5,900							200
205	21.5	81.7	5,400							205

14000 S-1

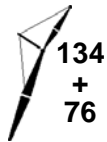
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
45	80.7	228.1	37,500 *							45
50	79.4	227.2	36,800 *							50
55	78.1	226.0	36,200 *							55
60	76.8	224.8	35,600 *	79.7	223.6	31,000 *				60
65	75.5	223.5	35,000 *	78.4	222.3	30,600 *				65
70	74.1	222.0	34,400 *	77.1	220.8	30,300 *	79.8	217.5	27,800 *	70
75	72.8	220.4	33,800 *	75.7	219.2	30,000 *	78.4	215.9	26,800 *	75
80	71.4	218.6	33,200 *	74.4	217.5	29,700 *	77.0	214.1	25,800 *	80
85	70.1	216.8	32,600 *	73.0	215.6	29,400 *	75.6	212.2	25,000 *	85
90	68.7	214.8	32,000 *	71.6	213.6	29,100 *	74.2	210.2	24,200 *	90
95	67.3	212.6	30,300	70.2	211.5	28,700 *	72.8	208.0	23,400 *	95
100	65.9	210.3	27,900	68.8	209.2	28,300 *	71.4	205.7	22,700 *	100
105	64.5	207.9	25,700	67.4	206.7	27,000	69.9	203.2	22,000 *	105
110	63.0	205.3	23,700	65.9	204.1	25,000	68.4	200.5	21,400 *	110
115	61.6	202.5	21,900	64.4	201.4	23,100	66.9	197.7	20,900 *	115
120	60.1	199.5	20,300	62.9	198.5	21,400	65.4	194.7	20,300 *	120
125	58.6	196.4	18,800	61.4	195.3	19,800	63.9	191.6	19,800 *	125
130	57.0	193.1	17,400	59.9	192.0	18,400	62.3	188.2	19,200	130
135	55.5	189.6	16,100	58.3	188.5	17,100	60.7	184.6	17,900	135
140	53.9	185.9	15,000	56.7	184.8	15,900	59.0	180.8	16,600	140
145	52.3	182.0	13,900	55.1	180.9	14,700	57.4	176.8	15,400	145
150	50.6	177.8	12,900	53.4	176.7	13,700	55.7	172.5	14,300	150
155	48.9	173.4	12,000	51.7	172.3	12,700	53.9	168.0	13,300	155
160	47.1	168.7	11,100	49.9	167.6	11,800	52.1	163.1	12,300	160
165	45.3	163.6	10,200	48.1	162.6	10,900	50.2	158.0	11,400	165
170	43.4	158.3	9,500	46.2	157.2	10,100	48.2	152.4	10,500	170
175	41.5	152.6	8,700	44.2	151.5	9,300	46.2	146.5	9,700	175
180	39.5	146.5	8,100	42.2	145.3	8,600	44.1	140.1	9,000	180
185	37.4	139.9	7,400	40.1	138.7	7,900	41.9	133.2	8,200	185
190	35.1	132.7	6,800	37.8	131.5	7,200				190
195	32.8	124.9	6,200	35.4	123.7	6,600				195
200	30.2	116.3	5,600	32.8	115.1	6,000				200
205	27.4	106.7	5,100							205
210	24.4	95.8	4,600							210
215	20.9	83.0	4,100							215

14000 S-1

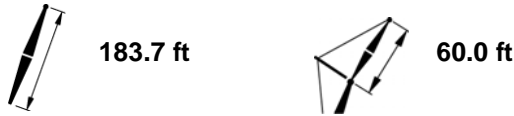
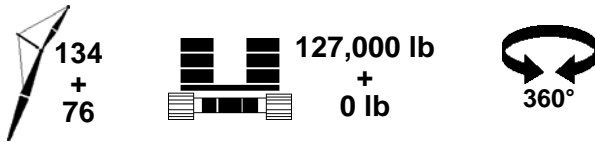
ANSI B30.5



ft	5°			15°			25°			ft
	ft	lb	ft	ft	lb	ft	ft	lb		
50	79.9	237.2	36,800 *							50
55	78.6	236.1	36,200 *							55
60	77.4	235.0	35,600 *	80.2	233.7	31,000 *				60
65	76.1	233.7	35,100 *	78.9	232.4	30,600 *				65
70	74.8	232.3	34,500 *	77.6	231.0	30,300 *	80.3	227.7	28,100 *	70
75	73.6	230.7	33,900 *	76.4	229.5	30,000 *	78.9	226.1	27,100 *	75
80	72.3	229.1	33,400 *	75.1	227.9	29,700 *	77.6	224.5	26,200 *	80
85	71.0	227.3	32,800 *	73.7	226.1	29,400 *	76.3	222.7	25,400 *	85
90	69.6	225.4	32,200 *	72.4	224.2	29,100 *	75.0	220.7	24,600 *	90
95	68.3	223.3	29,900	71.1	222.2	28,800 *	73.6	218.7	23,800 *	95
100	67.0	221.1	27,500	69.8	220.0	28,500 *	72.2	216.5	23,100 *	100
105	65.6	218.8	25,300	68.4	217.7	26,700	70.9	214.1	22,500 *	105
110	64.3	216.4	23,300	67.0	215.2	24,600	69.5	211.6	21,900 *	110
115	62.9	213.7	21,500	65.6	212.6	22,700	68.0	208.9	21,300 *	115
120	61.5	211.0	19,900	64.2	209.8	21,000	66.6	206.1	20,700 *	120
125	60.1	208.0	18,400	62.8	206.9	19,500	65.2	203.1	20,200 *	125
130	58.6	204.9	17,000	61.3	203.8	18,000	63.7	200.0	18,900	130
135	57.2	201.6	15,800	59.9	200.5	16,700	62.2	196.6	17,600	135
140	55.7	198.1	14,600	58.4	197.0	15,500	60.6	193.1	16,300	140
145	54.1	194.5	13,500	56.8	193.4	14,400	59.1	189.3	15,100	145
150	52.6	190.6	12,500	55.3	189.5	13,300	57.5	185.3	14,000	150
155	51.0	186.5	11,600	53.7	185.4	12,300	55.8	181.1	13,000	155
160	49.4	182.1	10,700	52.0	181.0	11,400	54.2	176.7	12,000	160
165	47.7	177.5	9,900	50.4	176.4	10,500	52.4	171.9	11,100	165
170	46.0	172.6	9,100	48.6	171.5	9,700	50.7	166.9	10,200	170
175	44.2	167.4	8,400	46.9	166.3	9,000	48.8	161.5	9,400	175
180	42.4	161.9	7,700	45.0	160.7	8,200	46.9	155.8	8,700	180
185	40.5	155.9	7,000	43.1	154.8	7,500	44.9	149.7	7,900	185
190	38.5	149.6	6,400	41.1	148.5	6,900	42.9	143.1	7,200	190
195	36.4	142.8	5,800	39.0	141.6	6,300				195
200	34.3	135.4	5,300	36.8	134.2	5,700				200
205	31.9	127.4	4,700	34.5	126.1	5,100				205
210	29.4	118.5	4,200	31.9	117.2	4,600				210

14000 S-1

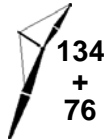
ANSI B30.5



	5°			15°			25°			
	ft	°	lb	ft	°	lb	ft	°	lb	
50	80.3	247.2	36,700 *							50
55	79.1	246.2	36,100 *							55
60	77.9	245.1	35,600 *	80.6	243.8	30,900 *				60
65	76.7	243.8	35,000 *	79.4	242.6	30,600 *				65
70	75.5	242.5	34,500 *	78.2	241.3	30,300 *	80.7	237.9	28,300 *	70
75	74.2	241.0	34,000 *	76.9	239.8	30,000 *	79.4	236.4	27,500 *	75
80	73.0	239.5	33,500 *	75.7	238.2	29,700 *	78.2	234.8	26,600 *	80
85	71.8	237.7	33,000 *	74.4	236.5	29,400 *	76.9	233.1	25,700 *	85
90	70.5	235.9	32,300 *	73.2	234.7	29,100 *	75.6	231.2	24,900 *	90
95	69.2	234.0	29,500 *	71.9	232.8	28,900 *	74.3	229.3	24,200 *	95
100	68.0	231.9	27,000 *	70.6	230.7	28,600 *	73.0	227.2	23,500 *	100
105	66.7	229.7	24,800 *	69.3	228.5	26,300 *	71.7	224.9	22,900 *	105
110	65.4	227.3	22,800 *	68.0	226.2	24,200 *	70.4	222.5	22,300 *	110
115	64.1	224.9	21,000 *	66.7	223.7	22,300 *	69.0	220.0	21,700 *	115
120	62.7	222.2	19,400 *	65.4	221.1	20,600 *	67.7	217.4	21,100 *	120
125	61.4	219.4	17,900 *	64.0	218.3	19,100 *	66.3	214.5	20,100 *	125
130	60.0	216.5	16,500 *	62.7	215.4	17,600 *	64.9	211.5	18,600 *	130
135	58.7	213.4	15,300 *	61.3	212.3	16,300 *	63.5	208.4	17,200 *	135
140	57.2	210.1	14,100 *	59.8	209.0	15,100 *	62.0	205.0	15,900 *	140
145	55.8	206.7	13,000 *	58.4	205.5	13,900 *	60.6	201.5	14,700 *	145
150	54.4	203.0	12,000 *	56.9	201.9	12,900 *	59.1	197.8	13,600 *	150
155	52.9	199.2	11,100 *	55.5	198.0	11,900 *	57.6	193.9	12,600 *	155
160	51.4	195.1	10,200 *	53.9	194.0	11,000 *	56.0	189.7	11,600 *	160
165	49.8	190.8	9,400 *	52.4	189.7	10,100 *	54.4	185.3	10,700 *	165
170	48.2	186.3	8,600 *	50.8	185.2	9,300 *	52.8	180.7	9,900 *	170
175	46.6	181.5	7,900 *	49.1	180.4	8,500 *	51.1	175.8	9,000 *	175
180	44.9	176.4	7,200 *	47.4	175.3	7,800 *	49.4	170.5	8,300 *	180
185	43.2	171.1	6,500 *	45.7	169.9	7,100 *	47.6	165.0	7,500 *	185
190	41.4	165.3	5,900 *	43.9	164.2	6,500 *	45.7	159.1	6,900 *	190
195	39.6	159.2	5,300 *	42.0	158.0	5,800 *	43.8	152.7	6,200 *	195
200	37.6	152.7	4,800 *	40.1	151.5	5,200 *	41.7	145.9	5,600 *	200
205	35.6	145.6	4,200 *	38.0	144.4	4,700 *				205
210				35.9	136.8	4,100 *				210

14000 S-1

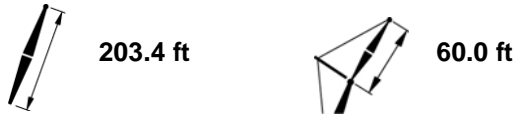
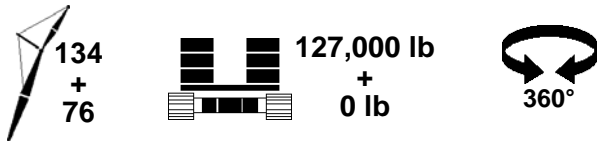
ANSI B30.5



ft	5°			15°			25°			ft
	°	ft	lb	°	ft	lb	°	ft	lb	
50	80.7	257.2	36,500 *							50
55	79.5	256.3	36,000 *							55
60	78.4	255.2	35,500 *	81.0	253.9	30,800 *				60
65	77.2	254.0	35,000 *	79.8	252.7	30,500 *				65
70	76.0	252.7	34,500 *	78.6	251.4	30,200 *				70
75	74.9	251.3	34,000 *	77.5	250.0	29,900 *	79.9	246.6	27,800 *	75
80	73.7	249.8	33,500 *	76.3	248.5	29,600 *	78.7	245.1	26,900 *	80
85	72.5	248.2	33,000 *	75.1	246.9	29,400 *	77.4	243.4	26,100 *	85
90	71.3	246.4	31,900	73.9	245.2	29,100 *	76.2	241.7	25,300 *	90
95	70.1	244.6	29,100	72.7	243.3	28,900 *	75.0	239.8	24,600 *	95
100	68.9	242.6	26,600	71.4	241.4	28,300	73.7	237.8	23,900 *	100
105	67.7	240.5	24,400	70.2	239.3	26,000	72.5	235.7	23,200 *	105
110	66.4	238.2	22,400	69.0	237.0	23,900	71.2	233.4	22,600 *	110
115	65.2	235.9	20,600	67.7	234.7	22,000	70.0	231.0	22,100 *	115
120	63.9	233.3	19,000	66.4	232.2	20,300	68.7	228.4	21,400	120
125	62.6	230.7	17,500	65.1	229.5	18,700	67.4	225.8	19,800	125
130	61.3	227.9	16,100	63.8	226.7	17,300	66.0	222.9	18,300	130
135	60.0	225.0	14,900	62.5	223.8	15,900	64.7	219.9	16,900	135
140	58.7	221.9	13,700	61.2	220.7	14,700	63.3	216.8	15,600	140
145	57.3	218.6	12,600	59.8	217.5	13,600	61.9	213.5	14,400	145
150	56.0	215.2	11,600	58.5	214.0	12,500	60.5	210.0	13,300	150
155	54.6	211.6	10,700	57.0	210.4	11,500	59.1	206.3	12,300	155
160	53.1	207.8	9,800	55.6	206.6	10,600	57.6	202.4	11,300	160
165	51.7	203.7	9,000	54.2	202.6	9,700	56.2	198.3	10,400	165
170	50.2	199.5	8,200	52.7	198.4	8,900	54.6	194.0	9,500	170
175	48.7	195.1	7,400	51.2	193.9	8,200	53.1	189.4	8,700	175
180	47.2	190.4	6,800	49.6	189.2	7,400	51.5	184.6	8,000	180
185	45.6	185.4	6,100	48.0	184.3	6,700	49.8	179.5	7,200	185
190	43.9	180.2	5,500	46.3	179.0	6,100	48.1	174.1	6,500	190
195	42.2	174.6	4,900	44.6	173.4	5,500	46.4	168.3	5,900	195
200	40.5	168.7	4,400	42.9	167.5	4,900	44.6	162.2	5,300	200
205				41.0	161.2	4,300	42.7	155.7	4,700	205

14000 S-1

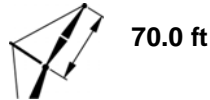
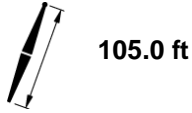
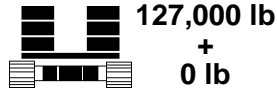
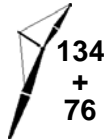
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
55	79.9	266.3	35,800 *							55
60	78.8	265.3	35,300 *							60
65	77.7	264.1	34,800 *	80.2	262.8	30,400 *				65
70	76.6	262.9	34,400 *	79.1	261.6	30,100 *				70
75	75.4	261.5	33,900 *	77.9	260.3	29,800 *	80.3	256.8	28,000 *	75
80	74.3	260.1	33,500 *	76.8	258.8	29,600 *	79.1	255.3	27,200 *	80
85	73.2	258.5	33,000 *	75.7	257.3	29,300 *	77.9	253.7	26,400 *	85
90	72.0	256.8	31,500	74.5	255.6	29,100 *	76.8	252.1	25,600 *	90
95	70.9	255.1	28,800	73.3	253.8	28,800 *	75.6	250.3	24,900 *	95
100	69.7	253.2	26,300	72.2	251.9	28,000	74.4	248.3	24,200 *	100
105	68.5	251.1	24,100	71.0	249.9	25,700	73.2	246.3	23,600 *	105
110	67.4	249.0	22,100	69.8	247.8	23,600	72.0	244.1	23,000 *	110
115	66.2	246.7	20,300	68.6	245.5	21,700	70.8	241.9	22,400 *	115
120	65.0	244.4	18,600	67.4	243.2	20,000	69.5	239.4	21,200	120
125	63.7	241.8	17,100	66.2	240.6	18,400	68.3	236.9	19,500	125
130	62.5	239.2	15,800	64.9	238.0	17,000	67.0	234.2	18,000	130
135	61.3	236.4	14,500	63.7	235.2	15,600	65.8	231.3	16,600	135
140	60.0	233.4	13,300	62.4	232.3	14,400	64.5	228.4	15,300	140
145	58.7	230.4	12,200	61.1	229.2	13,300	63.2	225.2	14,100	145
150	57.4	227.1	11,200	59.8	225.9	12,200	61.8	221.9	13,000	150
155	56.1	223.7	10,300	58.5	222.5	11,200	60.5	218.4	12,000	155
160	54.8	220.1	9,400	57.1	218.9	10,300	59.1	214.8	11,000	160
165	53.4	216.3	8,600	55.8	215.2	9,400	57.7	210.9	10,100	165
170	52.0	212.4	7,800	54.4	211.2	8,600	56.3	206.9	9,300	170
175	50.6	208.2	7,100	53.0	207.0	7,800	54.8	202.6	8,400	175
180	49.1	203.8	6,400	51.5	202.7	7,100	53.3	198.1	7,700	180
185	47.7	199.2	5,800	50.0	198.0	6,400	51.8	193.4	7,000	185
190	46.1	194.4	5,100	48.5	193.2	5,800	50.3	188.4	6,300	190
195	44.6	189.2	4,600	46.9	188.0	5,200	48.6	183.1	5,600	195
200	43.0	183.8	4,000	45.3	182.6	4,600	47.0	177.6	5,000	200
205				43.6	176.9	4,000	45.3	171.6	4,400	205

14000 S-1

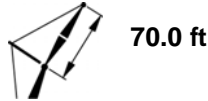
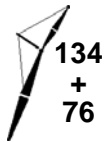
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
40										40
45										45
50				80.6	175.8	27,400 *				50
55				78.9	174.4	26,800 *				55
60				77.2	172.8	26,200 *				60
65	71.4	172.3	27,600 *	75.4	171.0	25,600 *	79.6	168.0	23,500 *	65
70	69.6	170.4	26,900 *	73.6	169.1	25,100 *	77.8	166.0	22,400 *	70
75	67.9	168.3	26,200 *	71.8	167.0	24,500 *	75.9	163.9	21,300 *	75
80	66.1	166.0	25,600 *	70.0	164.7	24,000 *	74.1	161.5	20,400 *	80
85	64.2	163.5	25,000 *	68.2	162.2	23,500 *	72.2	159.0	19,500 *	85
90	62.4	160.9	24,400 *	66.3	159.5	23,100 *	70.3	156.2	18,700 *	90
95	60.5	158.0	23,800 *	64.4	156.6	22,600 *	68.3	153.2	18,000 *	95
100	58.6	154.8	23,300 *	62.5	153.4	22,200 *	66.4	150.0	17,300 *	100
105	56.6	151.5	22,800 *	60.5	150.0	21,800 *	64.3	146.5	16,700 *	105
110	54.6	147.9	22,300 *	58.4	146.4	21,000 *	62.2	142.8	16,100 *	110
115	52.5	144.0	21,800 *	56.3	142.4	20,100 *	60.1	138.7	15,600 *	115
120	50.3	139.8	21,400 *	54.2	138.2	19,300 *	57.8	134.3	15,100 *	120
125	48.1	135.2	20,900 *	51.9	133.6	18,600 *	55.5	129.6	14,600 *	125
130	45.8	130.3	20,100 *	49.6	128.6	17,900 *	53.1	124.4	14,200 *	130
135	43.4	125.0	18,800 *	47.2	123.2	17,300 *	50.6	118.8	13,800 *	135
140	40.9	119.2	17,700 *	44.6	117.3	16,700 *	47.9	112.7	13,500 *	140
145	38.3	112.8	16,600 *	41.9	110.8	16,200 *	45.1	105.9	13,200 *	145
150	35.5	105.8	15,600 *	39.0	103.6	15,700 *	42.1	98.3	12,900 *	150
155	32.4	97.9	14,600 *	35.9	95.6	15,300 *				155
160	29.1	89.0	13,700 *	32.4	86.4	14,600 *				160
165	25.3	78.6	12,900 *							165
170	20.8	65.9	12,100 *							170

14000 S-1

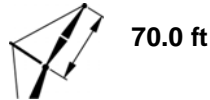
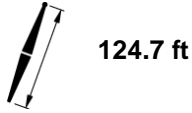
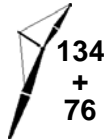
ANSI B30.5



	5°			15°			25°			
	ft	°	lb	ft	°	lb	ft	°	lb	
40	80.5	189.4	30,500 *							40
45	78.9	188.4	29,900 *							45
50	77.3	187.2	29,400 *	81.1	185.9	42,300 *				50
55	75.7	185.9	28,900 *	79.5	184.6	26,900 *				55
60	74.1	184.4	28,400 *	77.9	183.1	26,400 *				60
65	72.4	182.7	27,900 *	76.2	181.4	25,800 *	80.2	178.3	23,800 *	65
70	70.8	180.9	27,200 *	74.6	179.6	25,300 *	78.5	176.4	22,800 *	70
75	69.1	179.0	26,600 *	72.9	177.7	24,800 *	76.8	174.4	21,800 *	75
80	67.4	176.8	26,000 *	71.2	175.5	24,300 *	75.0	172.2	20,800 *	80
85	65.7	174.5	25,400 *	69.5	173.2	23,800 *	73.3	169.9	20,000 *	85
90	64.0	172.0	24,800 *	67.7	170.6	23,400 *	71.5	167.3	19,200 *	90
95	62.2	169.3	24,300 *	65.9	167.9	23,000 *	69.7	164.5	18,500 *	95
100	60.4	166.4	23,700 *	64.1	165.0	22,500 *	67.8	161.5	17,800 *	100
105	58.6	163.3	23,200 *	62.3	161.9	22,100 *	66.0	158.3	17,200 *	105
110	56.7	160.0	22,800 *	60.4	158.5	21,700 *	64.0	154.9	16,600 *	110
115	54.8	156.4	22,300 *	58.5	154.9	21,000 *	62.0	151.2	16,100 *	115
120	52.9	152.6	21,900 *	56.5	151.0	20,200 *	60.0	147.2	15,600 *	120
125	50.9	148.4	21,100	54.5	146.8	19,400 *	57.9	142.9	15,100 *	125
130	48.8	144.0	19,700	52.4	142.3	18,700 *	55.8	138.3	14,700 *	130
135	46.7	139.2	18,400	50.2	137.5	18,100 *	53.5	133.3	14,300 *	135
140	44.4	134.1	17,300	47.9	132.3	17,500 *	51.2	127.9	13,900 *	140
145	42.1	128.5	16,200	45.6	126.6	17,000 *	48.7	122.0	13,600 *	145
150	39.7	122.4	15,200	43.1	120.5	16,200	46.2	115.5	13,300 *	150
155	37.1	115.8	14,200	40.5	113.7	15,200	43.4	108.4	13,000 *	155
160	34.3	108.5	13,300	37.7	106.2	14,300				160
165	31.4	100.3	12,500	34.6	97.8	13,400				165
170	28.1	91.0	11,700	31.3	88.3	12,500				170
175	24.4	80.2	11,000							175
180	20.1	67.1	10,300							180

14000 S-1

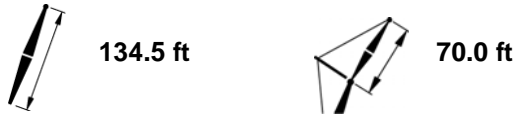
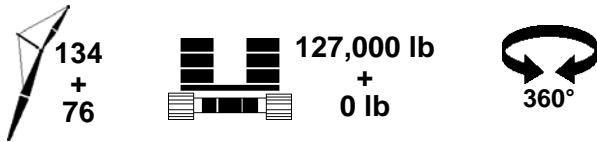
ANSI B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
40	80.9	199.4	30,600 *							40
45	79.4	198.4	30,000 *							45
50	77.9	197.3	29,500 *							50
55	76.4	196.1	29,000 *	80.0	194.8	27,100 *				55
60	74.9	194.7	28,600 *	78.5	193.3	26,500 *				60
65	73.3	193.1	28,100 *	77.0	191.8	26,000 *	80.7	188.6	23,900 *	65
70	71.8	191.4	27,500 *	75.4	190.1	25,500 *	79.1	186.8	23,200 *	70
75	70.2	189.6	26,900 *	73.8	188.2	25,000 *	77.5	184.9	22,200 *	75
80	68.6	187.6	26,300 *	72.2	186.2	24,500 *	75.9	182.9	21,300 *	80
85	67.0	185.4	25,700 *	70.6	184.0	24,100 *	74.2	180.6	20,400 *	85
90	65.4	183.0	25,200 *	69.0	181.6	23,700 *	72.6	178.2	19,600 *	90
95	63.8	180.5	24,600 *	67.3	179.1	23,200 *	70.9	175.6	18,900 *	95
100	62.1	177.8	24,100 *	65.6	176.4	22,800 *	69.1	172.8	18,300 *	100
105	60.4	174.9	23,700 *	63.9	173.4	22,400 *	67.4	169.9	17,600 *	105
110	58.7	171.8	23,200 *	62.1	170.3	22,100 *	65.6	166.7	17,100 *	110
115	56.9	168.5	22,700 *	60.4	167.0	21,700 *	63.8	163.2	16,500 *	115
120	55.1	165.0	22,200	58.5	163.4	21,000 *	61.9	159.6	16,000 *	120
125	53.2	161.2	20,700	56.7	159.6	20,300 *	60.0	155.6	15,600 *	125
130	51.3	157.1	19,300	54.8	155.5	19,500 *	58.0	151.4	15,100 *	130
135	49.4	152.8	18,100	52.8	151.1	18,900 *	56.0	146.9	14,700 *	135
140	47.4	148.1	16,900	50.7	146.4	18,100	53.9	142.0	14,400 *	140
145	45.3	143.1	15,800	48.6	141.3	17,000	51.7	136.8	14,000 *	145
150	43.1	137.7	14,800	46.4	135.8	15,900	49.4	131.1	13,700 *	150
155	40.9	131.9	13,900	44.2	129.9	14,900	47.1	125.0	13,400 *	155
160	38.5	125.6	13,000	41.7	123.5	14,000	44.5	118.3	13,100 *	160
165	36.0	118.7	12,200	39.2	116.5	13,100	41.8	110.9	12,900 *	165
170	33.3	111.1	11,400	36.4	108.7	12,300				170
175	30.4	102.6	10,700	33.5	100.0	11,500				175
180	27.2	93.0	10,000	30.2	90.1	10,700				180
185	23.6	81.8	9,300							185
190	19.4	68.2	8,700							190

14000 S-1

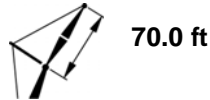
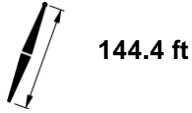
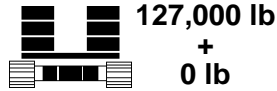
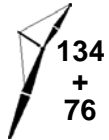
ANSI B30.5



	5°			15°			25°				
	ft	°	ft	lb	ft	°	ft	lb	ft		
45	80.0		208.5	30,100 *						45	
50	78.5		207.4	29,600 *						50	
55	77.1		206.2	29,100 *	80.5	204.9	27,200 *			55	
60	75.6		204.9	28,700 *	79.1	203.6	26,600 *			60	
65	74.2		203.4	28,200 *	77.6	202.1	26,100 *	81.2	198.8	25,500 *	65
70	72.7		201.8	27,800 *	76.1	200.5	25,600 *	79.7	197.1	23,600 *	70
75	71.2		200.1	27,200 *	74.6	198.7	25,200 *	78.2	195.3	22,600 *	75
80	69.7		198.2	26,600 *	73.1	196.8	24,700 *	76.6	193.4	21,700 *	80
85	68.2		196.1	26,000 *	71.6	194.7	24,300 *	75.1	191.3	20,800 *	85
90	66.7		193.9	25,500 *	70.1	192.5	23,900 *	73.5	189.0	20,100 *	90
95	65.1		191.5	25,000 *	68.5	190.1	23,500 *	71.9	186.6	19,400 *	95
100	63.6		189.0	24,500 *	66.9	187.5	23,100 *	70.3	184.0	18,700 *	100
105	62.0		186.3	24,000 *	65.3	184.8	22,700 *	68.6	181.2	18,100 *	105
110	60.3		183.4	23,600 *	63.7	181.9	22,400 *	67.0	178.2	17,500 *	110
115	58.7		180.3	23,100 *	62.0	178.8	22,000 *	65.3	175.0	17,000 *	115
120	57.0		177.0	21,800	60.3	175.4	21,600 *	63.5	171.6	16,500 *	120
125	55.3		173.5	20,300	58.6	171.9	21,000 *	61.8	168.0	16,000 *	125
130	53.6		169.7	18,900	56.8	168.1	20,300	60.0	164.1	15,600 *	130
135	51.8		165.7	17,700	55.0	164.1	19,000	58.1	159.9	15,200 *	135
140	49.9		161.5	16,500	53.1	159.8	17,700	56.2	155.5	14,800 *	140
145	48.0		156.9	15,400	51.2	155.2	16,600	54.2	150.8	14,400 *	145
150	46.1		152.1	14,400	49.2	150.2	15,500	52.2	145.7	14,100 *	150
155	44.0		146.9	13,500	47.2	144.9	14,600	50.0	140.2	13,800 *	155
160	41.9		141.2	12,600	45.1	139.2	13,600	47.8	134.3	13,500 *	160
165	39.7		135.2	11,800	42.8	133.1	12,800	45.5	127.9	13,200 *	165
170	37.4		128.6	11,000	40.5	126.4	11,900	43.0	120.9	12,400	170
175	35.0		121.5	10,300	38.0	119.1	11,200				175
180	32.4		113.6	9,600	35.3	111.1	10,400				180
185	29.5		104.8	8,900	32.4	102.1	9,700				185
190	26.4		94.9	8,300	29.2	91.8	14,500 *				190
195	22.9		83.3	7,700							195

14000 S-1

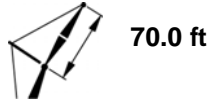
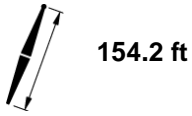
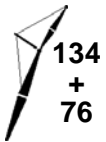
ANSI B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
45	80.4	218.5	30,000 *							45
50	79.1	217.5	29,600 *							50
55	77.7	216.4	29,200 *	81.0	215.0	27,200 *				55
60	76.3	215.1	28,700 *	79.6	213.7	26,700 *				60
65	74.9	213.7	28,300 *	78.2	212.3	26,200 *				65
70	73.5	212.2	27,900 *	76.8	210.8	25,800 *	80.2	207.4	23,700 *	70
75	72.1	210.5	27,400 *	75.4	209.1	25,300 *	78.7	205.7	23,000 *	75
80	70.7	208.7	26,800 *	74.0	207.3	24,900 *	77.3	203.9	22,100 *	80
85	69.3	206.8	26,300 *	72.5	205.3	24,500 *	75.8	201.9	21,200 *	85
90	67.8	204.7	25,800 *	71.0	203.2	24,100 *	74.3	199.7	20,500 *	90
95	66.4	202.4	25,300 *	69.6	201.0	23,700 *	72.8	197.4	19,800 *	95
100	64.9	200.1	24,800 *	68.1	198.6	23,300 *	71.3	195.0	19,100 *	100
105	63.4	197.5	24,300 *	66.6	196.0	23,000 *	69.8	192.3	18,500 *	105
110	61.8	194.8	23,900 *	65.0	193.2	22,600 *	68.2	189.5	17,900 *	110
115	60.3	191.9	22,900 *	63.5	190.3	22,300 *	66.6	186.5	17,400 *	115
120	58.7	188.8	21,300	61.9	187.2	21,900 *	65.0	183.4	16,900 *	120
125	57.1	185.5	19,800	60.3	183.9	21,300	63.3	180.0	16,400 *	125
130	55.5	182.0	18,500	58.6	180.4	19,800	61.7	176.4	16,000 *	130
135	53.8	178.3	17,200	56.9	176.6	18,500	59.9	172.5	15,600 *	135
140	52.1	174.4	16,000	55.2	172.7	17,300	58.2	168.5	15,200 *	140
145	50.4	170.2	14,900	53.5	168.4	16,100	56.4	164.1	14,800 *	145
150	48.6	165.7	13,900	51.7	163.9	15,100	54.5	159.5	14,500 *	150
155	46.8	161.0	13,000	49.8	159.1	14,100	52.6	154.5	14,100 *	155
160	44.9	155.9	12,100	47.9	154.0	13,200	50.6	149.2	13,800	160
165	42.9	150.5	11,300	45.9	148.5	12,300	48.5	143.5	12,900	165
170	40.8	144.7	10,500	43.8	142.6	11,500	46.4	137.4	12,000	170
175	38.7	138.4	9,800	41.6	136.2	10,700	44.1	130.8	11,200	175
180	36.4	131.6	9,100	39.3	129.3	10,000	41.7	123.5	10,400	180
185	34.0	124.2	8,500	36.9	121.7	9,300				185
190	31.5	116.0	7,800	34.3	113.4	8,600				190
195	28.7	107.0	7,200	31.4	104.1	8,000				195
200	25.7	96.7	6,700							200
205	22.2	84.8	6,100							205

14000 S-1

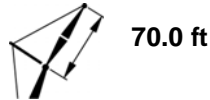
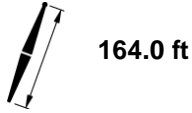
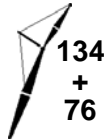
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
45	80.9		228.5	29,800 *						45
50	79.6		227.6	29,500 *						50
55	78.2		226.5	29,200 *						55
60	76.9		225.3	28,700 *	80.1		223.9	26,800 *		60
65	75.6		223.9	28,300 *	78.7		222.5	26,300 *		65
70	74.3		222.5	27,800 *	77.4		221.1	25,900 *	80.6	70
75	72.9		220.9	27,400 *	76.1		219.5	25,500 *	79.3	75
80	71.6		219.2	27,000 *	74.7		217.8	25,000 *	77.9	80
85	70.2		217.3	26,500 *	73.3		215.9	24,600 *	76.5	85
90	68.8		215.4	26,000 *	71.9		213.9	24,300 *	75.1	90
95	67.5		213.2	25,600 *	70.5		211.8	23,900 *	73.7	95
100	66.1		211.0	25,100 *	69.1		209.5	23,500 *	72.2	100
105	64.6		208.6	24,600 *	67.7		207.0	23,200 *	70.8	105
110	63.2		206.0	24,200 *	66.2		204.4	22,800 *	69.3	110
115	61.7		203.2	22,500	64.8		201.7	22,500 *	67.8	115
120	60.3		200.3	20,900	63.3		198.8	22,200 *	66.3	120
125	58.8		197.3	19,400	61.8		195.7	20,900	64.7	125
130	57.2		194.0	18,000	60.2		192.4	19,500	63.2	130
135	55.7		190.5	16,800	58.7		188.9	18,100	61.5	135
140	54.1		186.9	15,600	57.1		185.2	16,900	59.9	140
145	52.5		183.0	14,500	55.4		181.2	15,800	58.2	145
150	50.8		178.9	13,500	53.8		177.1	14,700	56.5	150
155	49.1		174.5	12,600	52.0		172.7	13,700	54.8	155
160	47.4		169.8	11,700	50.3		168.0	12,800	52.9	160
165	45.6		164.9	10,900	48.5		162.9	11,900	51.1	165
170	43.7		159.6	10,100	46.6		157.6	11,100	49.1	170
175	41.8		154.0	9,400	44.6		151.9	10,300	47.1	175
180	39.8		148.0	8,700	42.6		145.8	9,600	45.0	180
185	37.7		141.5	8,000	40.5		139.2	8,900	42.8	185
190	35.5		134.4	7,400	38.2		132.0	8,300		190
195	33.2		126.8	6,800	35.8		124.2	7,600		195
200	30.7		118.4	6,300	33.3		115.6	7,000		200
205	28.0		109.0	5,800	30.5		106.0	6,400		205
210	25.0		98.5	5,200						210
215	21.6		86.2	4,700						215

14000 S-1

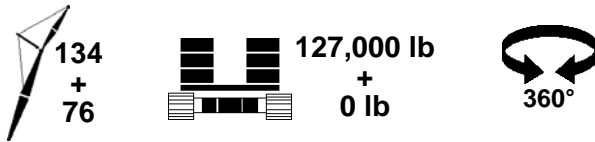
ANSI B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
50	80.0	237.6	29,300 *							50
55	78.7	236.6	29,000 *							55
60	77.5	235.4	28,600 *	80.5	234.0	26,800 *				60
65	76.2	234.1	28,200 *	79.2	232.7	26,400 *				65
70	75.0	232.7	27,800 *	78.0	231.3	26,000 *	81.1	227.8	25,400 *	70
75	73.7	231.2	27,400 *	76.7	229.8	25,600 *	79.8	226.3	23,500 *	75
80	72.4	229.6	27,000 *	75.4	228.1	25,200 *	78.4	224.6	22,800 *	80
85	71.1	227.8	26,600 *	74.1	226.4	24,800 *	77.1	222.8	22,000 *	85
90	69.8	226.0	26,200 *	72.7	224.5	24,400 *	75.8	220.9	21,200 *	90
95	68.5	223.9	25,800 *	71.4	222.4	24,000 *	74.4	218.8	20,500 *	95
100	67.1	221.8	25,300 *	70.1	220.3	23,700 *	73.1	216.6	19,900 *	100
105	65.8	219.5	24,900 *	68.7	218.0	23,400 *	71.7	214.3	19,300 *	105
110	64.4	217.1	24,000 *	67.3	215.5	23,000 *	70.3	211.8	18,700 *	110
115	63.0	214.5	22,200 *	66.0	212.9	22,700 *	68.9	209.1	18,200 *	115
120	61.6	211.7	20,600 *	64.6	210.1	22,100 *	67.4	206.3	17,700 *	120
125	60.2	208.8	19,100 *	63.1	207.2	20,600 *	66.0	203.3	17,200 *	125
130	58.8	205.7	17,700 *	61.7	204.1	19,100 *	64.5	200.1	16,700 *	130
135	57.3	202.5	16,400 *	60.2	200.8	17,800 *	63.0	196.8	16,300 *	135
140	55.8	199.1	15,300 *	58.7	197.4	16,600 *	61.5	193.2	15,900 *	140
145	54.3	195.4	14,200 *	57.2	193.7	15,500 *	59.9	189.5	15,500 *	145
150	52.8	191.6	13,200 *	55.6	189.8	14,400 *	58.3	185.5	15,200 *	150
155	51.2	187.5	12,200 *	54.0	185.7	13,400 *	56.7	181.3	14,200 *	155
160	49.6	183.2	11,400 *	52.4	181.4	12,500 *	55.0	176.8	13,200 *	160
165	47.9	178.7	10,500 *	50.7	176.8	11,600 *	53.3	172.1	12,300 *	165
170	46.2	173.8	9,800 *	49.0	171.9	10,800 *	51.5	167.1	11,400 *	170
175	44.5	168.7	9,000 *	47.2	166.7	10,000 *	49.7	161.7	10,600 *	175
180	42.7	163.2	8,400 *	45.4	161.1	9,300 *	47.8	156.0	9,800 *	180
185	40.8	157.4	7,700 *	43.5	155.2	8,600 *	45.8	149.9	9,100 *	185
190	38.8	151.2	7,100 *	41.5	148.9	8,000 *	43.7	143.3	8,400 *	190
195	36.8	144.4	6,500 *	39.4	142.1	7,300 *	41.5	136.2	7,700 *	195
200	34.6	137.2	6,000 *	37.2	134.7	6,700 *				200
205	32.3	129.3	5,400 *	34.9	126.6	6,200 *				205
210	29.9	120.7	4,900 *	32.4	117.8	5,600 *				210
215	27.2	111.0	4,400 *	29.6	107.9	14,600 *				215
220	24.3	100.1	4,000 *							220

14000 S-1

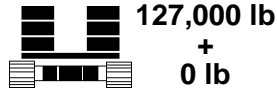
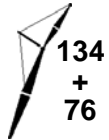
ANSI B30.5



	5°			15°			25°				
	ft	°	ft	lb	ft	°	ft	lb	ft		
50	80.4		247.6	29,100 *						50	
55	79.2		246.6	28,800 *						55	
60	78.0		245.5	28,500 *	80.9	244.1	26,800 *			60	
65	76.8		244.3	28,100 *	79.7	242.9	26,400 *			65	
70	75.6		243.0	27,700 *	78.5	241.5	26,000 *			70	
75	74.4		241.5	27,400 *	77.2	240.1	25,600 *	80.2	236.5	23,500 *	75
80	73.1		240.0	26,900 *	76.0	238.5	25,200 *	78.9	234.9	23,100 *	80
85	71.9		238.3	26,500 *	74.7	236.8	24,900 *	77.7	233.2	22,300 *	85
90	70.6		236.5	26,300 *	73.5	235.0	24,500 *	76.4	231.4	21,600 *	90
95	69.4		234.6	25,900 *	72.2	233.1	24,200 *	75.1	229.4	20,900 *	95
100	68.1		232.5	25,400 *	70.9	231.0	23,800 *	73.8	227.3	20,200 *	100
105	66.8		230.3	25,100 *	69.7	228.8	23,500 *	72.5	225.1	19,600 *	105
110	65.5		228.0	23,600	68.3	226.5	23,200 *	71.2	222.7	19,000 *	110
115	64.2		225.6	21,800	67.0	224.0	22,900 *	69.8	220.2	18,500 *	115
120	62.9		223.0	20,200	65.7	221.4	21,800	68.5	217.5	18,000 *	120
125	61.6		220.2	18,700	64.3	218.6	20,200	67.1	214.7	17,500 *	125
130	60.2		217.3	17,300	63.0	215.7	18,800	65.7	211.7	17,100 *	130
135	58.8		214.2	16,000	61.6	212.6	17,500	64.3	208.5	16,700 *	135
140	57.4		211.0	14,900	60.2	209.3	16,200	62.8	205.2	16,300 *	140
145	56.0		207.6	13,800	58.7	205.8	15,100	61.4	201.7	15,900 *	145
150	54.5		204.0	12,800	57.3	202.2	14,000	59.9	197.9	14,900	150
155	53.1		200.2	11,800	55.8	198.4	13,000	58.3	194.0	13,900	155
160	51.6		196.1	11,000	54.3	194.3	12,100	56.8	189.9	12,900	160
165	50.0		191.9	10,100	52.7	190.0	11,200	55.2	185.5	12,000	165
170	48.4		187.4	9,400	51.1	185.5	10,400	53.6	180.8	11,100	170
175	46.8		182.7	8,600	49.5	180.7	9,700	51.9	175.9	10,300	175
180	45.2		177.7	8,000	47.8	175.7	8,900	50.1	170.7	9,500	180
185	43.5		172.4	7,300	46.1	170.3	8,200	48.4	165.2	8,800	185
190	41.7		166.7	6,700	44.3	164.6	7,600	46.5	159.2	8,100	190
195	39.8		160.7	6,100	42.4	158.5	7,000	44.6	152.9	7,400	195
200	37.9		154.3	5,600	40.5	151.9	6,400	42.5	146.1	6,800	200
205	35.9		147.3	5,000	38.4	144.9	5,800				205
210	33.8		139.9	4,500	36.3	137.3	5,300				210
215	31.6		131.8	4,000	34.0	129.0	4,700				215
220					31.5	119.8	4,200				220

14000 S-1

ANSI B30.5



183.7 ft

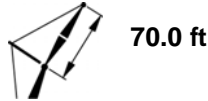
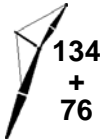


70.0 ft

	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
50	80.8	257.6	28,900 *							50
55	79.6	256.7	28,600 *							55
60	78.5	255.6	28,400 *							60
65	77.3	254.4	28,000 *	80.1	253.0	26,400 *				65
70	76.2	253.2	27,600 *	78.9	251.7	26,100 *				70
75	75.0	251.8	27,300 *	77.7	250.3	25,700 *	80.6	246.7	23,500 *	75
80	73.8	250.3	26,900 *	76.6	248.8	25,300 *	79.4	245.2	23,300 *	80
85	72.6	248.7	26,500 *	75.4	247.2	25,000 *	78.2	243.5	22,600 *	85
90	71.4	247.0	26,100 *	74.2	245.5	24,600 *	77.0	241.8	21,900 *	90
95	70.2	245.1	25,800 *	73.0	243.6	24,300 *	75.7	239.9	21,200 *	95
100	69.0	243.2	25,400 *	71.7	241.6	24,000 *	74.5	237.9	20,600 *	100
105	67.8	241.1	25,100 *	70.5	239.5	23,600 *	73.2	235.8	20,000 *	105
110	66.5	238.9	23,100	69.3	237.3	23,300 *	72.0	233.5	19,400 *	110
115	65.3	236.5	21,300	68.0	234.9	23,000 *	70.7	231.1	18,900 *	115
120	64.0	234.1	19,700	66.7	232.5	21,400	69.4	228.6	18,400 *	120
125	62.8	231.4	18,200	65.4	229.8	19,800	68.1	225.9	17,900 *	125
130	61.5	228.7	16,800	64.1	227.0	18,300	66.8	223.1	17,400 *	130
135	60.2	225.8	15,500	62.8	224.1	17,000	65.4	220.1	17,000 *	135
140	58.8	222.7	14,400	61.5	221.0	15,800	64.1	216.9	16,600 *	140
145	57.5	219.5	13,300	60.1	217.8	14,600	62.7	213.6	15,700	145
150	56.1	216.1	12,300	58.8	214.3	13,600	61.3	210.1	14,500	150
155	54.7	212.5	11,300	57.4	210.7	12,600	59.9	206.4	13,500	155
160	53.3	208.7	10,500	55.9	206.9	11,700	58.4	202.5	12,500	160
165	51.9	204.8	9,600	54.5	202.9	10,800	56.9	198.4	11,600	165
170	50.4	200.6	8,900	53.0	198.7	10,000	55.4	194.1	10,700	170
175	48.9	196.2	8,100	51.5	194.3	9,200	53.8	189.6	9,900	175
180	47.4	191.6	7,500	49.9	189.6	8,500	52.2	184.7	9,100	180
185	45.8	186.7	6,800	48.3	184.6	7,800	50.6	179.7	8,400	185
190	44.2	181.5	6,200	46.7	179.4	7,100	48.9	174.2	7,700	190
195	42.5	176.0	5,600	45.0	173.8	6,500	47.1	168.5	7,000	195
200	40.8	170.1	5,100	43.2	167.9	5,900	45.3	162.4	6,400	200
205	39.0	163.9	4,500	41.4	161.6	5,400	43.4	155.9	5,800	205
210	37.1	157.3	4,000	39.5	154.9	4,800	41.4	148.8	5,200	210
215				37.5	147.6	4,300				215

14000 S-1

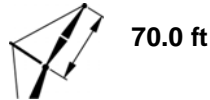
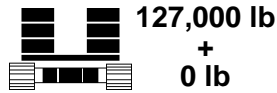
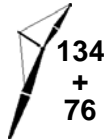
ANSI B30.5



	5°			15°			25°			
	ft	°	lb	ft	°	lb	ft	°	lb	
55	80.0	266.7	28,400 *							55
60	78.9	265.7	28,100 *							60
65	77.8	264.6	27,900 *	80.5	263.1	26,400 *				65
70	76.7	263.3	27,500 *	79.4	261.8	26,100 *				70
75	75.6	262.0	27,200 *	78.2	260.5	25,700 *	81.0	256.9	23,500 *	75
80	74.4	260.6	26,800 *	77.1	259.1	25,300 *	79.8	255.4	23,300 *	80
85	73.3	259.0	26,400 *	75.9	257.5	25,000 *	78.7	253.8	22,900 *	85
90	72.1	257.4	26,100 *	74.8	255.9	24,700 *	77.5	252.2	22,200 *	90
95	71.0	255.6	25,700 *	73.6	254.1	24,400 *	76.3	250.4	21,500 *	95
100	69.8	253.8	25,400 *	72.5	252.2	24,000 *	75.1	248.4	20,900 *	100
105	68.7	251.8	24,700 *	71.3	250.2	23,700 *	73.9	246.4	20,300 *	105
110	67.5	249.6	22,700 *	70.1	248.1	23,400 *	72.7	244.2	19,700 *	110
115	66.3	247.4	20,900 *	68.9	245.8	22,700 *	71.5	241.9	19,200 *	115
120	65.1	245.0	19,300 *	67.7	243.4	21,000 *	70.3	239.5	18,700 *	120
125	63.9	242.6	17,800 *	66.5	240.9	19,400 *	69.0	237.0	18,200 *	125
130	62.6	239.9	16,400 *	65.2	238.3	18,000 *	67.8	234.3	17,800 *	130
135	61.4	237.2	15,100 *	64.0	235.5	16,600 *	66.5	231.4	17,300 *	135
140	60.1	234.2	14,000 *	62.7	232.6	15,400 *	65.2	228.5	16,500 *	140
145	58.9	231.2	12,900 *	61.4	229.5	14,300 *	63.9	225.3	15,300 *	145
150	57.6	228.0	11,900 *	60.1	226.2	13,200 *	62.6	222.0	14,200 *	150
155	56.3	224.6	10,900 *	58.8	222.8	12,200 *	61.2	218.5	13,200 *	155
160	54.9	221.0	10,000 *	57.4	219.2	11,300 *	59.8	214.9	12,200 *	160
165	53.6	217.3	9,200 *	56.1	215.5	10,400 *	58.4	211.0	11,300 *	165
170	52.2	213.4	8,400 *	54.7	211.5	9,600 *	57.0	207.0	10,400 *	170
175	50.8	209.3	7,700 *	53.3	207.4	8,800 *	55.6	202.7	9,600 *	175
180	49.3	204.9	7,000 *	51.8	203.0	8,100 *	54.1	198.3	8,800 *	180
185	47.9	200.4	6,400 *	50.3	198.4	7,400 *	52.5	193.5	8,100 *	185
190	46.4	195.6	5,800 *	48.8	193.5	6,700 *	51.0	188.5	7,400 *	190
195	44.8	190.5	5,200 *	47.2	188.4	6,100 *	49.4	183.3	6,700 *	195
200	43.2	185.1	4,600 *	45.6	183.0	5,500 *	47.7	177.7	6,100 *	200
205	41.6	179.5	4,100 *	44.0	177.2	5,000 *	46.0	171.8	5,500 *	205
210				42.2	171.1	4,400 *	44.2	165.5	4,900 *	210
215							42.4	158.7	4,300 *	215

14000 S-1

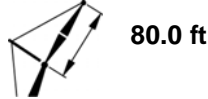
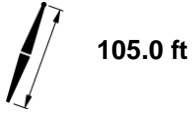
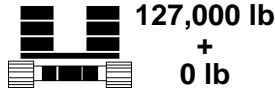
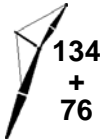
ANSI B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
55	80.4	276.7	28,100 *							55
60	79.3	275.7	27,900 *							60
65	78.2	274.7	27,600 *	80.8	273.2	26,400 *				65
70	77.2	273.5	27,300 *	79.7	272.0	26,000 *				70
75	76.1	272.2	27,000 *	78.7	270.7	25,700 *				75
80	75.0	270.8	26,700 *	77.6	269.3	25,400 *	80.2	265.6	23,300 *	80
85	73.9	269.4	26,300 *	76.5	267.8	25,000 *	79.1	264.1	23,100 *	85
90	72.8	267.8	26,000 *	75.4	266.2	24,700 *	78.0	262.5	22,500 *	90
95	71.7	266.1	25,600 *	74.2	264.5	24,400 *	76.8	260.8	21,800 *	95
100	70.6	264.3	25,300 *	73.1	262.7	24,100 *	75.7	258.9	21,200 *	100
105	69.5	262.4	24,400	72.0	260.8	23,800 *	74.5	257.0	20,600 *	105
110	68.3	260.3	22,400	70.9	258.8	23,500 *	73.4	254.9	20,000 *	110
115	67.2	258.2	20,600	69.7	256.6	22,400	72.2	252.7	19,500 *	115
120	66.0	255.9	18,900	68.6	254.3	20,700	71.1	250.4	19,000 *	120
125	64.9	253.6	17,400	67.4	251.9	19,100	69.9	248.0	18,500 *	125
130	63.7	251.0	16,000	66.2	249.4	17,700	68.7	245.4	18,100 *	130
135	62.5	248.4	14,800	65.0	246.7	16,300	67.5	242.7	17,600	135
140	61.3	245.6	13,600	63.8	243.9	15,100	66.2	239.9	16,300	140
145	60.1	242.7	12,500	62.6	241.0	13,900	65.0	236.9	15,100	145
150	58.9	239.7	11,500	61.3	237.9	12,900	63.7	233.7	13,900	150
155	57.6	236.5	10,600	60.1	234.7	11,900	62.4	230.4	12,900	155
160	56.4	233.1	9,700	58.8	231.3	10,900	61.1	227.0	11,900	160
165	55.1	229.6	8,900	57.5	227.8	10,100	59.8	223.4	11,000	165
170	53.8	225.9	8,100	56.2	224.0	9,300	58.5	219.5	10,100	170
175	52.5	222.0	7,400	54.9	220.1	8,500	57.1	215.5	9,300	175
180	51.1	217.9	6,700	53.5	216.0	7,800	55.7	211.3	8,500	180
185	49.7	213.6	6,000	52.1	211.7	7,100	54.3	206.9	7,800	185
190	48.3	209.2	5,400	50.7	207.2	6,400	52.8	202.3	7,100	190
195	46.9	204.4	4,800	49.2	202.4	5,800	51.3	197.4	6,400	195
200	45.4	199.5	4,300	47.7	197.4	5,200	49.8	192.2	5,800	200
205				46.2	192.1	4,600	48.2	186.8	5,200	205
210				44.6	186.5	4,100	46.6	181.0	4,600	210
215							44.9	174.9	4,100	215
250				29.3	125.7	9,100 *				250

14000 S-1

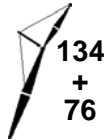
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
40	80.1		189.6							40
45	78.5		188.6							45
50	76.9		187.4							50
55	75.3		186.1	79.7	185.0					55
60	73.7		184.6	78.1	183.5					60
65	72.0		183.0	76.4	181.8		81.0	178.8	20,200 *	65
70	70.4		181.2	74.8	180.0		79.3	176.9	19,800 *	70
75	68.7		179.2	73.1	178.0		77.6	174.9	19,400 *	75
80	67.1		177.1	71.4	175.9		75.9	172.7	18,500 *	80
85	65.3		174.8	69.7	173.6		74.1	170.4	17,700 *	85
90	63.6		172.3	67.9	171.1		72.4	167.8	16,900 *	90
95	61.9		169.6	66.2	168.3		70.6	165.0	16,200 *	95
100	60.1		166.7	64.4	165.4		68.7	162.0	15,600 *	100
105	58.2		163.6	62.5	162.3		66.8	158.8	15,000 *	105
110	56.4		160.3	60.6	158.9		64.9	155.4	14,400 *	110
115	54.5		156.7	58.7	155.3		62.9	151.7	13,900 *	115
120	52.5		152.8	56.8	151.5		60.9	147.7	13,500 *	120
125	50.5		148.7	54.7	147.3		58.8	143.5	13,000 *	125
130	48.5		144.3	52.6	142.8		56.7	138.9	12,600 *	130
135	46.3		139.5	50.5	138.0		54.5	133.9	12,200 *	135
140	44.1		134.4	48.2	132.8		52.1	128.5	11,900 *	140
145	41.8		128.8	45.9	127.2		49.7	122.7	11,500 *	145
150	39.3		122.8	43.4	121.0		47.1	116.3	11,200 *	150
155	36.8		116.2	40.8	114.3		44.4	109.2	11,000 *	155
160	34.0		108.9	38.0	106.9		41.5	101.4	10,700 *	160
165	31.1		100.7	35.0	98.6					165
170	27.8		91.5	31.6	89.1					170
175	24.2		80.8	27.9	78.0					175
180	19.8		67.8							180

14000 S-1

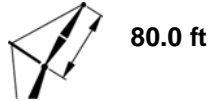
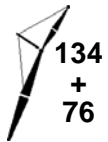
ANSI B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
40	80.6	199.6	23,300 *							40
45	79.1	198.7	23,100 *							45
50	77.6	197.5	22,700 *							50
55	76.0	196.3	22,300 *	80.2	195.1	21,900 *				55
60	74.5	194.9	21,900 *	78.7	193.7	21,500 *				60
65	73.0	193.3	21,500 *	77.1	192.2	21,200 *				65
70	71.4	191.6	21,100 *	75.6	190.5	20,800 *	79.9	187.3	19,900 *	70
75	69.9	189.8	20,700 *	74.0	188.6	20,500 *	78.3	185.4	19,500 *	75
80	68.3	187.8	20,400 *	72.4	186.6	20,200 *	76.7	183.3	18,900 *	80
85	66.7	185.6	20,000 *	70.8	184.4	19,900 *	75.0	181.1	18,100 *	85
90	65.1	183.3	19,700 *	69.2	182.0	19,600 *	73.4	178.7	17,400 *	90
95	63.4	180.8	19,300 *	67.5	179.5	19,300 *	71.7	176.1	16,700 *	95
100	61.7	178.1	19,000 *	65.8	176.8	19,000 *	70.0	173.3	16,000 *	100
105	60.0	175.2	18,700 *	64.1	173.9	18,500 *	68.2	170.3	15,400 *	105
110	58.3	172.1	18,400 *	62.4	170.7	18,200 *	66.4	167.2	14,900 *	110
115	56.5	168.8	18,100 *	60.6	167.4	17,800 *	64.6	163.7	14,400 *	115
120	54.7	165.2	17,900 *	58.8	163.8	17,400 *	62.7	160.1	13,900 *	120
125	52.9	161.4	17,600 *	56.9	160.0	17,000 *	60.8	156.2	13,400 *	125
130	51.0	157.4	17,400 *	55.0	155.9	16,700 *	58.9	152.0	13,000 *	130
135	49.1	153.0	17,100 *	53.0	151.5	16,300 *	56.9	147.5	12,600 *	135
140	47.1	148.4	16,700 *	51.0	146.8	15,700 *	54.8	142.6	12,300 *	140
145	45.0	143.4	16,300 *	48.9	141.8	15,200 *	52.6	137.4	11,900 *	145
150	42.8	138.0	15,400 *	46.7	136.4	14,700 *	50.3	131.8	11,600 *	150
155	40.6	132.2	14,400 *	44.4	130.5	14,200 *	48.0	125.7	11,300 *	155
160	38.2	125.9	13,600 *	42.0	124.1	13,800 *	45.5	119.0	11,100 *	160
165	35.7	119.1	12,700 *	39.5	117.1	13,200 *	42.8	111.7	10,800 *	165
170	33.0	111.5	12,000 *	36.8	109.4	12,400 *	39.9	103.5	10,600 *	170
175	30.1	103.0	11,200 *	33.8	100.7	11,600 *				175
180	27.0	93.5	10,500 *	30.6	90.9	10,900 *				180
185	23.4	82.4	9,900 *							185
190	19.2	68.9	9,200 *							190

14000 S-1

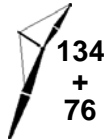
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
40	81.0		209.6							40
45	79.6		208.7							45
50	78.2		207.6							50
55	76.7		206.5							55
60	75.3		205.1							60
65	73.8		203.7							65
70	72.4		202.1							70
75	70.9		200.3							75
80	69.4		198.4							80
85	67.9		196.4							85
90	66.3		194.2							90
95	64.8		191.8							95
100	63.2		189.2							100
105	61.6		186.5							105
110	60.0		183.6							110
115	58.4		180.6							115
120	56.7		177.3							120
125	55.0		173.7							125
130	53.2		170.0							130
135	51.4		166.0							135
140	49.6		161.8							140
145	47.7		157.2							145
150	45.8		152.4							150
155	43.7		147.2							155
160	41.6		141.6							160
165	39.4		135.5							165
170	37.1		129.0							170
175	34.7		121.9							175
180	32.1		114.0							180
185	29.3		105.3							185
190	26.2		95.4							190
195	22.7		83.9							195
200	18.5		69.9							200

14000 S-1

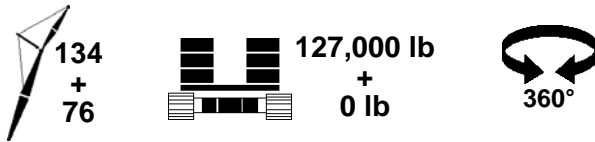
ANSI B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
45	80.1	218.7	22,900 *							45
50	78.7	217.7	22,700 *							50
55	77.4	216.6	22,300 *							55
60	76.0	215.3	22,000 *	79.8	214.1	21,600 *				60
65	74.6	213.9	21,600 *	78.4	212.7	21,200 *				65
70	73.2	212.4	21,200 *	77.0	211.2	20,900 *	80.9	207.8	20,100 *	70
75	71.8	210.7	20,900 *	75.6	209.5	20,600 *	79.5	206.1	19,700 *	75
80	70.4	208.9	20,500 *	74.1	207.7	20,300 *	78.0	204.3	19,400 *	80
85	68.9	207.0	20,200 *	72.7	205.7	20,000 *	76.5	202.3	18,900 *	85
90	67.5	204.9	19,800 *	71.2	203.6	19,700 *	75.1	200.1	18,100 *	90
95	66.0	202.7	19,500 *	69.8	201.4	19,500 *	73.6	197.8	17,400 *	95
100	64.5	200.3	19,200 *	68.3	199.0	19,200 *	72.0	195.4	16,800 *	100
105	63.0	197.7	18,900 *	66.8	196.4	19,000 *	70.5	192.8	16,200 *	105
110	61.5	195.0	18,600 *	65.2	193.6	18,700 *	68.9	190.0	15,700 *	110
115	60.0	192.1	18,300 *	63.7	190.7	18,400 *	67.4	187.0	15,100 *	115
120	58.4	189.0	18,100 *	62.1	187.6	18,000 *	65.7	183.8	14,700 *	120
125	56.8	185.8	17,800 *	60.5	184.3	17,700 *	64.1	180.4	14,200 *	125
130	55.2	182.3	17,600 *	58.8	180.8	17,300 *	62.4	176.9	13,800 *	130
135	53.5	178.6	17,400 *	57.2	177.1	17,000 *	60.7	173.0	13,400 *	135
140	51.8	174.6	16,700 *	55.4	173.1	16,700 *	58.9	169.0	13,000 *	140
145	50.1	170.5	15,600	53.7	168.9	16,400	57.1	164.6	12,700 *	145
150	48.3	166.0	14,600	51.9	164.4	15,300	55.3	160.0	12,400 *	150
155	46.5	161.3	13,700	50.0	159.6	14,400	53.4	155.1	12,000 *	155
160	44.6	156.2	12,800	48.1	154.5	13,400	51.4	149.8	11,800 *	160
165	42.6	150.8	12,000	46.1	149.0	12,600	49.3	144.1	11,500 *	165
170	40.5	145.0	11,200	44.0	143.1	11,800	47.2	138.0	11,200 *	170
175	38.4	138.7	10,500	41.9	136.8	11,000	44.9	131.4	11,000 *	175
180	36.2	132.0	9,800	39.6	129.9	10,300	42.5	124.2	10,700	180
185	33.8	124.6	9,100	37.2	122.4	9,600	40.0	116.3	10,000	185
190	31.2	116.5	8,500	34.6	114.1	8,900				190
195	28.5	107.4	7,900	31.7	104.8	8,300				195
200	25.4	97.2	7,400	28.6	94.3	7,700				200
205	22.0	85.4	6,800							205
210	17.9	70.9	6,300							210

14000 S-1

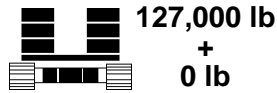
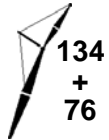
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
45	80.5	228.7	22,800 *							45
50	79.2	227.8	22,600 *							50
55	77.9	226.7	22,300 *							55
60	76.6	225.5	22,000 *	80.2	224.2	21,600 *				60
65	75.3	224.2	21,600 *	78.9	222.9	21,200 *				65
70	74.0	222.7	21,300 *	77.6	221.4	20,900 *				70
75	72.6	221.1	20,900 *	76.2	219.8	20,600 *	80.0	216.4	19,800 *	75
80	71.3	219.4	20,600 *	74.9	218.1	20,300 *	78.6	214.6	19,500 *	80
85	69.9	217.6	20,300 *	73.5	216.3	20,100 *	77.2	212.8	19,200 *	85
90	68.5	215.6	19,900 *	72.1	214.3	19,900 *	75.8	210.7	18,500 *	90
95	67.1	213.5	19,600 *	70.7	212.1	19,500 *	74.4	208.6	17,800 *	95
100	65.7	211.2	19,300 *	69.3	209.9	19,300 *	72.9	206.2	17,200 *	100
105	64.3	208.8	19,000 *	67.9	207.4	19,000 *	71.5	203.8	16,600 *	105
110	62.9	206.2	18,700 *	66.4	204.8	18,800 *	70.0	201.1	16,000 *	110
115	61.4	203.5	18,400 *	65.0	202.1	18,600 *	68.5	198.3	15,500 *	115
120	60.0	200.6	18,200 *	63.5	199.2	18,300 *	67.0	195.3	15,000 *	120
125	58.5	197.5	17,900 *	62.0	196.1	18,000 *	65.4	192.2	14,600 *	125
130	56.9	194.3	17,700 *	60.4	192.8	17,600 *	63.9	188.8	14,200 *	130
135	55.4	190.8	17,300 *	58.9	189.3	17,300 *	62.3	185.3	13,800 *	135
140	53.8	187.1	16,200 *	57.3	185.6	17,000 *	60.6	181.5	13,400 *	140
145	52.2	183.3	15,100 *	55.6	181.7	16,000 *	59.0	177.5	13,000 *	145
150	50.5	179.1	14,100 *	54.0	177.5	14,900 *	57.3	173.2	12,700 *	150
155	48.8	174.8	13,100 *	52.3	173.1	13,900 *	55.5	168.7	12,400 *	155
160	47.1	170.1	12,300 *	50.5	168.4	13,000 *	53.7	163.9	12,100 *	160
165	45.3	165.2	11,500 *	48.7	163.4	12,100 *	51.8	158.7	11,800 *	165
170	43.4	159.9	10,700 *	46.8	158.1	11,300 *	49.9	153.2	11,600 *	170
175	41.5	154.3	10,000 *	44.9	152.4	10,600 *	47.9	147.3	11,100 *	175
180	39.5	148.3	9,300 *	42.8	146.3	9,800 *	45.8	141.0	10,400 *	180
185	37.4	141.8	8,600 *	40.7	139.8	9,200 *	43.6	134.1	9,600 *	185
190	35.2	134.8	8,000 *	38.5	132.6	8,500 *	41.2	126.7	8,900 *	190
195	32.9	127.2	7,400 *	36.1	124.9	7,900 *				195
200	30.4	118.8	6,900 *	33.6	116.3	7,300 *				200
205	27.7	109.5	6,400 *	30.8	106.8	6,700 *				205
210	24.7	99.0	5,900 *							210
215	21.4	86.8	5,400 *							215
220	17.4	71.9	4,900 *							220

14000 S-1

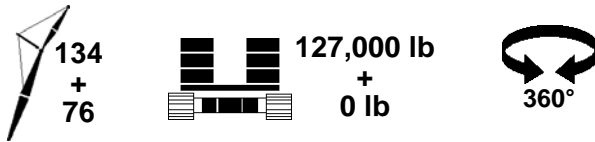
ANSI B30.5



ft	5°			15°			25°			ft
	°	ft	lb	°	ft	lb	°	ft	lb	
45	80.9	238.7	22,600 *							45
50	79.7	237.8	22,500 *							50
55	78.4	236.8	22,300 *							55
60	77.2	235.6	22,000 *	80.7	234.3	21,500 *				60
65	75.9	234.4	21,600 *	79.4	233.1	21,200 *				65
70	74.7	233.0	21,300 *	78.1	231.7	20,900 *				70
75	73.4	231.5	21,000 *	76.8	230.2	20,700 *	80.4	226.6	19,900 *	75
80	72.1	229.8	20,600 *	75.5	228.5	20,400 *	79.1	225.0	19,600 *	80
85	70.8	228.1	20,300 *	74.2	226.8	20,100 *	77.8	223.2	19,300 *	85
90	69.5	226.2	20,000 *	72.9	224.9	19,800 *	76.4	221.3	18,800 *	90
95	68.2	224.2	19,700 *	71.6	222.8	19,600 *	75.1	219.2	18,100 *	95
100	66.8	222.0	19,400 *	70.2	220.7	19,300 *	73.7	217.0	17,500 *	100
105	65.5	219.7	19,100 *	68.9	218.4	19,100 *	72.3	214.6	16,900 *	105
110	64.1	217.3	18,800 *	67.5	215.9	18,900 *	70.9	212.1	16,400 *	110
115	62.8	214.7	18,600 *	66.1	213.3	18,600 *	69.5	209.5	15,900 *	115
120	61.4	212.0	18,200 *	64.7	210.5	18,400 *	68.1	206.7	15,400 *	120
125	59.9	209.1	18,000 *	63.3	207.6	18,200 *	66.6	203.7	14,900 *	125
130	58.5	206.0	17,700 *	61.9	204.5	17,900 *	65.2	200.5	14,500 *	130
135	57.0	202.8	16,900 *	60.4	201.2	17,600 *	63.7	197.2	14,100 *	135
140	55.6	199.3	15,700 *	58.9	197.8	16,700 *	62.1	193.7	13,700 *	140
145	54.1	195.7	14,700 *	57.4	194.1	15,600 *	60.6	189.9	13,400 *	145
150	52.5	191.9	13,700 *	55.8	190.3	14,500 *	59.0	186.0	13,000 *	150
155	50.9	187.8	12,700 *	54.2	186.2	13,600 *	57.4	181.8	12,700 *	155
160	49.3	183.5	11,900 *	52.6	181.8	12,600 *	55.7	177.3	12,400 *	160
165	47.7	178.9	11,000 *	50.9	177.2	11,800 *	54.0	172.6	12,100 *	165
170	46.0	174.1	10,300 *	49.2	172.4	11,000 *	52.2	167.6	11,600 *	170
175	44.2	169.0	9,500 *	47.4	167.2	10,200 *	50.4	162.2	10,800 *	175
180	42.4	163.6	8,900 *	45.6	161.7	9,500 *	48.5	156.5	10,100 *	180
185	40.5	157.7	8,200 *	43.7	155.8	8,800 *	46.5	150.4	9,300 *	185
190	38.6	151.5	7,600 *	41.7	149.5	8,100 *	44.5	143.9	8,600 *	190
195	36.5	144.8	7,000 *	39.6	142.7	7,500 *	42.3	136.8	8,000 *	195
200	34.4	137.6	6,500 *	37.5	135.3	6,900 *	40.0	129.1	7,300 *	200
205	32.1	129.7	6,000 *	35.1	127.3	6,400 *				205
210	29.7	121.1	5,500 *	32.6	118.5	5,800 *				210
215	27.0	111.5	5,000 *	29.9	108.7	5,300 *				215
220	24.1	100.7	4,500 *							220
225	20.8	88.1	4,100 *							225

14000 S-1

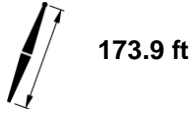
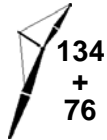
ANSI B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
50	80.1	247.8	22,400 *							50
55	78.9	246.8	22,200 *							55
60	77.7	245.7	21,900 *							60
65	76.5	244.5	21,600 *	79.8	243.2	21,200 *				65
70	75.3	243.2	21,300 *	78.6	241.9	21,000 *				70
75	74.1	241.8	21,000 *	77.4	240.4	20,700 *	80.8	236.9	19,900 *	75
80	72.8	240.2	20,600 *	76.1	238.9	20,400 *	79.6	235.3	19,600 *	80
85	71.6	238.5	20,300 *	74.9	237.2	20,100 *	78.3	233.6	19,300 *	85
90	70.4	236.7	20,000 *	73.6	235.4	19,800 *	77.0	231.7	19,100 *	90
95	69.1	234.8	19,700 *	72.4	233.4	19,600 *	75.7	229.8	18,500 *	95
100	67.8	232.8	19,400 *	71.1	231.4	19,300 *	74.4	227.7	17,800 *	100
105	66.5	230.6	19,100 *	69.8	229.2	19,100 *	73.1	225.4	17,300 *	105
110	65.2	228.3	18,800 *	68.5	226.8	18,900 *	71.8	223.0	16,700 *	110
115	63.9	225.8	18,600 *	67.2	224.4	18,700 *	70.5	220.5	16,200 *	115
120	62.6	223.2	18,300 *	65.9	221.8	18,400 *	69.1	217.9	15,700 *	120
125	61.3	220.5	18,100 *	64.5	219.0	18,200 *	67.7	215.0	15,300 *	125
130	59.9	217.5	17,800 *	63.1	216.1	18,000 *	66.3	212.1	14,800 *	130
135	58.5	214.5	16,500	61.8	213.0	17,600	64.9	208.9	14,400 *	135
140	57.1	211.2	15,400	60.3	209.7	16,400	63.5	205.6	14,100 *	140
145	55.7	207.8	14,300	58.9	206.3	15,300	62.0	202.1	13,700 *	145
150	54.3	204.2	13,300	57.5	202.6	14,200	60.5	198.4	13,400 *	150
155	52.8	200.4	12,400	56.0	198.8	13,200	59.0	194.5	13,000 *	155
160	51.3	196.4	11,500	54.5	194.8	12,300	57.5	190.3	12,700 *	160
165	49.8	192.2	10,700	52.9	190.5	11,500	55.9	185.9	12,200	165
170	48.2	187.7	9,900	51.3	186.0	10,700	54.2	181.3	11,400	170
175	46.6	183.0	9,200	49.7	181.2	9,900	52.6	176.4	10,600	175
180	44.9	178.0	8,500	48.0	176.2	9,200	50.8	171.2	9,800	180
185	43.2	172.7	7,900	46.3	170.8	8,500	49.0	165.7	9,100	185
190	41.4	167.1	7,200	44.5	165.1	7,800	47.2	159.8	8,400	190
195	39.6	161.1	6,700	42.6	159.0	7,200	45.3	153.5	7,700	195
200	37.7	154.6	6,100	40.7	152.5	6,600	43.3	146.7	7,100	200
205	35.7	147.7	5,600	38.7	145.5	6,100	41.1	139.4	6,500	205
210	33.6	140.3	5,100	36.5	137.9	5,500				210
215	31.3	132.2	4,600	34.2	129.7	5,000				215
220	29.0	123.3	4,200	31.8	120.6	4,500				220
225				29.1	110.5	4,000				225

14000 S-1

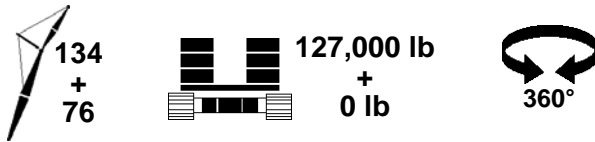
ANSI B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
50	80.5	257.8	22,200 *							50
55	79.3	256.9	22,000 *							55
60	78.2	255.8	21,800 *							60
65	77.0	254.7	21,600 *	80.2	253.3	21,200 *				65
70	75.9	253.4	21,200 *	79.1	252.1	20,900 *				70
75	74.7	252.0	20,900 *	77.9	250.7	20,600 *				75
80	73.5	250.5	20,600 *	76.7	249.2	20,400 *	80.0	245.5	19,700 *	80
85	72.3	248.9	20,300 *	75.5	247.6	20,100 *	78.8	243.9	19,400 *	85
90	71.1	247.2	20,000 *	74.3	245.8	19,900 *	77.6	242.1	19,100 *	90
95	69.9	245.4	19,700 *	73.1	244.0	19,600 *	76.3	240.2	18,800 *	95
100	68.7	243.4	19,400 *	71.9	242.0	19,400 *	75.1	238.2	18,100 *	100
105	67.5	241.3	19,200 *	70.7	239.9	19,100 *	73.8	236.1	17,600 *	105
110	66.3	239.1	18,900 *	69.4	237.7	18,900 *	72.6	233.9	17,000 *	110
115	65.0	236.8	18,600 *	68.2	235.3	18,700 *	71.3	231.5	16,500 *	115
120	63.8	234.3	18,300 *	66.9	232.8	18,500 *	70.0	228.9	16,000 *	120
125	62.5	231.7	18,100 *	65.6	230.2	18,300 *	68.7	226.3	15,600 *	125
130	61.2	228.9	17,400	64.3	227.4	18,100 *	67.4	223.4	15,200 *	130
135	59.9	226.0	16,100	63.0	224.5	17,300	66.1	220.4	14,800 *	135
140	58.6	223.0	15,000	61.7	221.4	16,100	64.7	217.3	14,400 *	140
145	57.2	219.7	13,900	60.3	218.2	14,900	63.3	214.0	14,000 *	145
150	55.9	216.3	12,900	58.9	214.8	13,900	61.9	210.5	13,700 *	150
155	54.5	212.8	11,900	57.5	211.2	12,900	60.5	206.8	13,400 *	155
160	53.1	209.0	11,100	56.1	207.4	12,000	59.0	202.9	12,800	160
165	51.6	205.1	10,300	54.7	203.4	11,100	57.5	198.9	11,900	165
170	50.2	200.9	9,500	53.2	199.2	10,300	56.0	194.6	11,100	170
175	48.7	196.5	8,800	51.7	194.7	9,500	54.5	190.0	10,300	175
180	47.1	191.9	8,100	50.1	190.1	8,800	52.9	185.2	9,500	180
185	45.5	187.0	7,400	48.5	185.1	8,100	51.2	180.1	8,800	185
190	43.9	181.8	6,800	46.9	179.9	7,500	49.6	174.7	8,100	190
195	42.2	176.3	6,300	45.2	174.3	6,900	47.8	169.0	7,400	195
200	40.5	170.5	5,700	43.4	168.4	6,300	46.0	162.9	6,800	200
205	38.7	164.3	5,200	41.6	162.2	5,700	44.1	156.4	6,200	205
210	36.8	157.7	4,700	39.7	155.4	5,200	42.1	149.4	5,600	210
215	34.9	150.6	4,200	37.7	148.2	4,700	40.0	141.9	5,100	215
220				35.6	140.4	4,200				220

14000 S-1

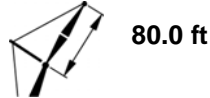
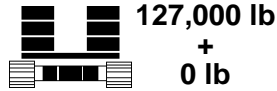
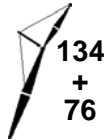
ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
50	80.9		267.8							50
55	79.8		266.9							55
60	78.6		265.9							60
65	77.5		264.8							65
70	76.4		263.6							70
75	75.3		262.2							75
80	74.2		260.8							80
85	73.0		259.3							85
90	71.9		257.6							90
95	70.7		255.9							95
100	69.6		254.0							100
105	68.4		252.0							105
110	67.2		249.9							110
115	66.0		247.7							115
120	64.8		245.3							120
125	63.6		242.8							125
130	62.4		240.2							130
135	61.1		237.4							135
140	59.9		234.5							140
145	58.6		231.4							145
150	57.3		228.2							150
155	56.0		224.9							155
160	54.7		221.3							160
165	53.3		217.6							165
170	51.9		213.7							170
175	50.5		209.6							175
180	49.1		205.2							180
185	47.6		200.7							185
190	46.1		195.9							190
195	44.6		190.8							195
200	43.0		185.5							200
205	41.4		179.8							205
210	39.7		173.8							210
215										215
220										220

14000 S-1

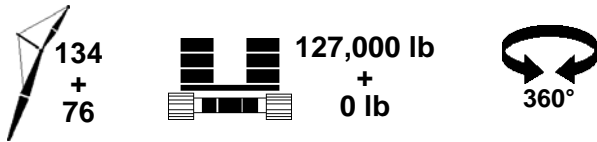
ANSI B30.5



	5°			15°			25°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
55	80.1	276.9	21,700 *							55
60	79.1	276.0	21,600 *							60
65	78.0	274.9	21,400 *	81.0	273.5	21,200 *				65
70	76.9	273.7	21,100 *	79.9	272.3	20,800 *				70
75	75.8	272.4	20,900 *	78.8	271.0	20,600 *				75
80	74.7	271.1	20,600 *	77.7	269.7	20,300 *	80.8	265.9	19,800 *	80
85	73.7	269.6	20,300 *	76.6	268.2	20,100 *	79.6	264.4	19,500 *	85
90	72.6	268.0	20,000 *	75.5	266.6	19,800 *	78.5	262.8	19,200 *	90
95	71.4	266.3	19,700 *	74.4	264.9	19,600 *	77.4	261.1	19,000 *	95
100	70.3	264.5	19,500 *	73.3	263.1	19,400 *	76.3	259.2	18,700 *	100
105	69.2	262.6	19,200 *	72.1	261.2	19,200 *	75.1	257.3	18,200 *	105
110	68.1	260.6	19,000 *	71.0	259.1	18,900 *	74.0	255.2	17,600 *	110
115	66.9	258.4	18,700 *	69.9	257.0	18,700 *	72.8	253.0	17,100 *	115
120	65.8	256.2	18,400 *	68.7	254.7	18,500 *	71.6	250.7	16,600 *	120
125	64.6	253.8	17,800	67.5	252.3	18,300 *	70.4	248.3	16,200 *	125
130	63.5	251.3	16,500	66.4	249.8	17,800	69.2	245.7	15,800 *	130
135	62.3	248.7	15,200	65.2	247.1	16,500	68.0	243.0	15,400 *	135
140	61.1	245.9	14,000	64.0	244.3	15,300	66.8	240.2	15,000 *	140
145	59.9	243.0	13,000	62.7	241.4	14,100	65.6	237.2	14,600 *	145
150	58.6	239.9	12,000	61.5	238.3	13,100	64.3	234.1	14,200	150
155	57.4	236.7	11,000	60.2	235.1	12,100	63.0	230.8	13,100	155
160	56.1	233.4	10,100	59.0	231.7	11,200	61.7	227.3	12,100	160
165	54.9	229.8	9,300	57.7	228.2	10,300	60.4	223.7	11,200	165
170	53.6	226.1	8,600	56.4	224.5	9,500	59.1	219.9	10,400	170
175	52.2	222.3	7,800	55.0	220.6	8,700	57.7	215.9	9,500	175
180	50.9	218.2	7,100	53.7	216.5	8,000	56.3	211.7	8,800	180
185	49.5	213.9	6,500	52.3	212.1	7,300	54.9	207.3	8,000	185
190	48.1	209.5	5,900	50.9	207.6	6,600	53.4	202.7	7,400	190
195	46.7	204.7	5,300	49.4	202.9	6,000	51.9	197.8	6,700	195
200	45.2	199.8	4,800	47.9	197.9	5,400	50.4	192.7	6,100	200
205	43.7	194.6	4,300	46.4	192.6	4,900	48.8	187.3	5,500	205
210				44.8	187.0	4,400	47.2	181.5	4,900	210
215							45.5	175.4	4,400	215

14000 S-1

ANSI B30.5



	5°			15°			25°			
	ft	°	ft	lb	ft	°	ft	lb	ft	
55	80.5	286.9	21,500 *							55
60	79.4	286.0	21,400 *							60
65	78.4	285.0	21,200 *							65
70	77.4	283.8	21,000 *	80.2	282.4	20,800 *				70
75	76.3	282.6	20,800 *	79.2	281.2	20,500 *				75
80	75.3	281.3	20,500 *	78.1	279.9	20,300 *				80
85	74.2	279.9	20,200 *	77.1	278.4	20,000 *	80.0	274.6	19,500 *	85
90	73.2	278.3	20,000 *	76.0	276.9	19,800 *	78.9	273.1	19,300 *	90
95	72.1	276.7	19,700 *	74.9	275.3	19,600 *	77.9	271.4	19,000 *	95
100	71.0	275.0	19,400 *	73.9	273.5	19,400 *	76.8	269.7	18,800 *	100
105	70.0	273.1	19,200 *	72.8	271.7	19,300 *	75.7	267.8	18,400 *	105
110	68.9	271.2	19,000 *	71.7	269.7	18,900 *	74.6	265.8	17,900 *	110
115	67.8	269.2	18,700 *	70.6	267.7	18,700 *	73.4	263.7	17,400 *	115
120	66.7	267.0	18,400 *	69.5	265.5	18,500 *	72.3	261.5	16,900 *	120
125	65.6	264.7	17,500	68.4	263.2	18,300 *	71.2	259.2	16,500 *	125
130	64.5	262.3	16,100	67.2	260.8	17,500	70.0	256.7	16,000 *	130
135	63.3	259.8	14,800	66.1	258.3	16,200	68.9	254.1	15,600 *	135
140	62.2	257.1	13,700	65.0	255.6	15,000	67.7	251.4	15,300 *	140
145	61.0	254.4	12,600	63.8	252.8	13,800	66.5	248.6	14,900 *	145
150	59.9	251.5	11,600	62.6	249.9	12,700	65.3	245.6	13,900	150
155	58.7	248.4	10,600	61.4	246.8	11,800	64.1	242.5	12,900	155
160	57.5	245.2	9,800	60.2	243.6	10,800	62.9	239.2	11,900	160
165	56.3	241.9	8,900	59.0	240.2	10,000	61.6	235.8	10,900	165
170	55.0	238.4	8,200	57.8	236.7	9,100	60.4	232.2	10,100	170
175	53.8	234.7	7,500	56.5	233.0	8,400	59.1	228.4	9,300	175
180	52.5	230.9	6,800	55.2	229.1	7,600	57.8	224.5	8,500	180
185	51.2	226.8	6,100	53.9	225.1	7,000	56.4	220.3	7,800	185
190	49.9	222.6	5,500	52.6	220.8	6,300	55.1	216.0	7,100	190
195	48.5	218.2	4,900	51.2	216.4	5,700	53.7	211.4	6,400	195
200	47.2	213.6	4,400	49.8	211.7	5,100	52.3	206.6	5,800	200
205				48.4	206.8	4,600	50.8	201.6	5,200	205
210				46.9	201.6	4,000	49.3	196.3	4,600	210
215							47.8	190.7	4,100	215