

Liftcrane Luffing Jib Capacities

Luffing Jib No. 135 on Boom No. 74A
56 000 kg Crane Counterweight
20 450 kg Carbody Counterweight
360 Degree Rating

MLC165-1 SERIES 2



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

Luffing Jib Backward Stability: Capacities indicated by (b) require 1 280 kg minimum weight suspended beneath luffing jib point. Capacities indicated by (c) require 2 720 kg minimum weight suspended beneath luffing jib point. Capacities indicated by (d) require 4 990 kg minimum weight suspended beneath luffing jib point. **Caution: Do not luff into areas indicated by (b), (c), or (d) without required minimum weights.** Luffing jib will not luff down and luffing hoist wire rope may overhaul luffing jib and cause luffing hoist to go slack causing wire rope damage or failure.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and luffing jib point sheaves is considered part of luffing jib load. Boom and luffing 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.

Lower boom point must be completely removed from 51,0 m boom length.

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface and bearing turntable level within a tolerance of 13 mm in 3 m and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to Luffing Jib Assembly **No. 81042733**, Wire Rope Specification chart **No. 9420-A**, Luffing Jib Raising Procedure chart **No. 9418-A**, and Wind Conditions chart **No. 9419-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. Boom and luffing jib must be within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 9417-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.

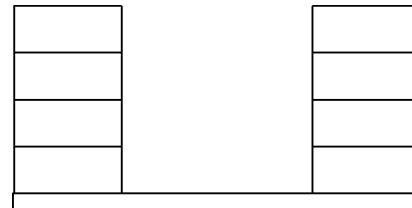


LUFFING JIB ANGLE: Luffing jib angle in degrees ($^{\circ}$) is angle between horizontal and centerline of luffing jib butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.



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

MACHINE EQUIPMENT: Machine equipped with 7 986 mm crawlers, 1 100 mm treads, 7 200 mm live mast, 18 part boom hoist reeving, boom support straps, 8 part luffing jib hoist reeving, two 38 mm luffing jib pendants and backstays, 56 000 kg crane counterweight, and two 10 228 kg carbody counterweights.



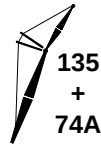
56 000 kg Crane Counterweight
8 Side Boxes

WARNING: Free fall operation is limited to 5 900 kg per part of line when lowering load with free fall clutch/brake pedal. Hydraulic power must be used for full line pull.

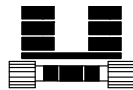
Lower Boom Point Sheave Deduct

Deduct 300 kg from capacities for boom lengths 45,0 m thru 48,0 m when lower boom point is equipped with outer sheave clusters.

Explanation of Symbols



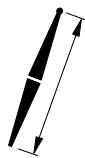
Luffing Jib No. 135
+
Boom No. 74A



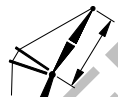
Crane Counterweight
+
Carbody Counterweight



360 Degree Rating



Boom Length

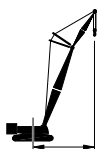


Luffing Jib Length



Boom Angle
(see page 1)

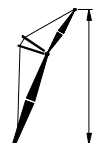
Explanation of Symbols (continued)



Operating Radius
(see page 1)



Luffing Jib Angle
(see page 1)

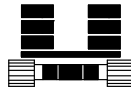
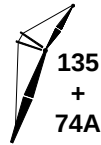


Luffing Jib Point Elevation
(see page 1)

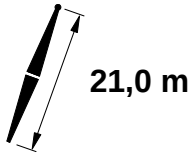


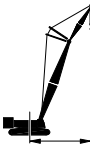
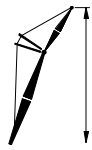
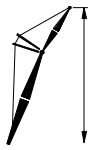
Lifting Capacities
(see page 1)

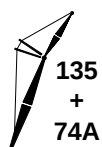
REFERENCE ONLY!



56 000 kg
+
20 450 kg



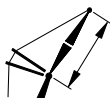
	 87°			 83°			 80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
9,1	73,8	43,5	50 000 d							9,1
10,0	71,4	43,2	50 000 d							10,0
12,0	65,7	42,4	47 000 c							12,0
14,0	59,6	41,4	41 800 b	64,0	42,0	44 600 c				14,0
16,0	53,1	40,1	37 200 b	57,9	40,9	37 300 b	61,3	41,3	36 600 c	16,0
18,0	46,1	38,4	32 800	51,3	39,5	32 100 b	54,9	40,1	31 400 b	18,0
20,0	38,1	36,1	28 800	44,0	37,6	28 100	48,1	38,5	27 500 b	20,0
22,0	28,2	33,1	25 600	35,6	35,2	24 900	40,4	36,4	24 400	22,0
24,0	12,9	27,7	21 400	25,0	31,8	22 300	31,2	33,6	21 900	24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0



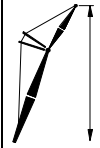
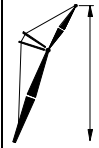
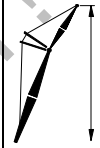
56 000 kg
+
20 450 kg

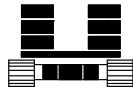
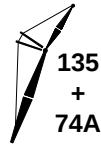


21,0 m



21,3 m

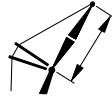
	75°			70°			65°			
										
	m	m	kg	m	m	kg	m	m	kg	m
9,1										9,1
10,0										10,0
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0	54,2	39,5	26 600 b							20,0
22,0	47,2	37,8	23 500 b	53,3	38,6	22 700 b				22,0
24,0	39,4	35,7	21 100	46,3	37,0	20 300				24,0
26,0	30,0	32,8	19 100	38,3	34,8	18 400	45,0	35,9	17 700	26,0
28,0				28,5	31,7	16 700	36,8	33,6	16 100	28,0
30,0				13,4	26,5	15 200	26,6	30,3	14 700	30,0
32,0							8,8	24,1	13 500	32,0



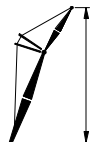
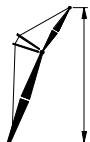
56 000 kg
+
20 450 kg

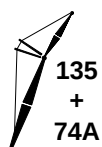


21,0 m



24,4 m

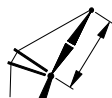
	 87°			 83°			 80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
9,8	74,4	46,5	47 100 d							9,8
10,0	73,8	46,4	47 100 d							10,0
12,0	68,9	45,7	45 100 c							12,0
14,0	63,7	44,8	40 700 b	67,5	45,3	43 500 c				14,0
16,0	58,3	43,7	36 600 b	62,3	44,4	37 300 b	65,1	44,7	36 500 c	16,0
18,0	52,6	42,4	32 800	56,8	43,2	32 000 b	59,8	43,7	31 300 b	18,0
20,0	46,5	40,7	28 800	51,0	41,8	28 000	54,2	42,4	27 400 b	20,0
22,0	39,6	38,5	25 500	44,7	39,9	24 800	48,2	40,8	24 300	22,0
24,0	31,5	35,7	22 900	37,5	37,7	22 200	41,5	38,8	21 800	24,0
26,0	20,8	31,6	20 600	28,9	34,6	20 100	33,8	36,2	19 700	26,0
28,0				16,8	29,9	18 300	24,1	32,6	17 900	28,0
30,0										30,0
32,0										32,0
34,0										34,0



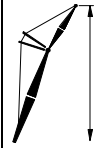
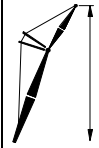
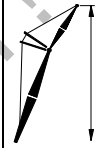
56 000 kg
+
20 450 kg

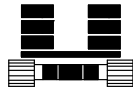
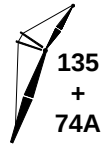


21,0 m



24,4 m

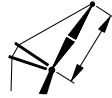
	75°			70°			65°			
										
	m	m	kg	m	m	kg	m	m	kg	m
9,8										9,8
10,0										10,0
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0	59,2	43,1	26 400 b							20,0
22,0	53,6	41,8	23 400 b							22,0
24,0	47,5	40,1	21 000	52,8	41,0	20 200				24,0
26,0	40,7	38,1	19 000	46,6	39,3	18 300	51,8	39,9	17 600	26,0
28,0	32,9	35,4	17 300	39,7	37,1	16 600	45,5	38,2	16 000	28,0
30,0	22,8	31,6	15 800	31,7	34,3	15 200	38,5	36,0	14 600	30,0
32,0				21,1	30,3	14 000	30,2	33,0	13 400	32,0
34,0							18,8	28,6	12 400	34,0



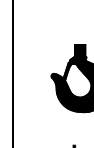
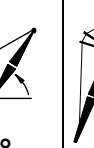
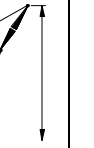
56 000 kg
+
20 450 kg



21,0 m

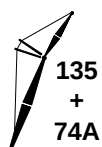


27,4 m

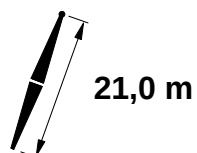
	87°			83°			80°			
										
	m	°	m	kg	°	m	kg	°	m	kg
10,4	74,9		49,5	42 500 d						10,4
12,0	71,3		49,0	40 700 c						12,0
14,0	66,8		48,2	38 300 b	70,1	48,6	40 300 c			14,0
16,0	62,2		47,2	35 700 b	65,6	47,8	37 200 b			16,0
18,0	57,4		46,1	32 500	60,9	46,8	31 900 b			18,0
20,0	52,2		44,7	28 700	56,0	45,5	27 900	63,5	47,1	31 300 b
22,0	46,7		43,0	25 500	50,8	44,1	24 800	58,7	46,0	27 300 b
24,0	40,7		40,9	22 800	45,2	42,3	22 200	53,7	44,7	24 200
26,0	33,8		38,2	20 600	38,9	40,0	20 100	48,3	43,1	21 700
28,0	25,3		34,7	18 800	31,7	37,2	18 300	42,4	41,1	19 600
30,0	12,4		28,8	16 200	22,5	33,3	16 700	35,8	38,6	17 900
32,0					4,7	25,0	15 300	27,8	35,4	16 300
34,0								16,8	30,5	15 000
36,0										
38,0										

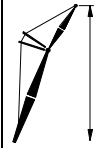
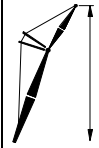
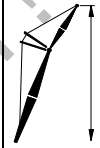
MLC165-1 S-2

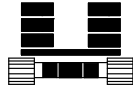
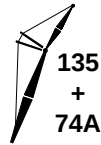
ASME B30.5



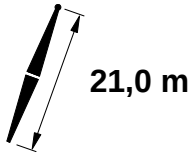
56 000 kg
+
20 450 kg



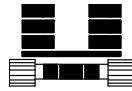
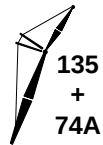
	75°			70°			65°			
										
	m	m	kg	m	m	kg	m	m	kg	m
10,4										10,4
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0	58,1	45,4	23 400 b							22,0
24,0	53,1	44,1	20 900							24,0
26,0	47,6	42,4	18 900	52,4	43,3	18 200				26,0
28,0	41,7	40,4	17 200	46,9	41,6	16 500	51,5	42,2	15 900	28,0
30,0	35,0	37,9	15 700	40,8	39,5	15 100	45,9	40,5	14 500	30,0
32,0	26,8	34,5	14 500	34,0	36,9	13 900	39,8	38,3	13 400	32,0
34,0				25,5	33,4	12 800	32,7	35,6	12 300	34,0
36,0				12,8	27,6	11 900	23,9	31,9	11 400	36,0
38,0							9,1	25,1	10 600	38,0



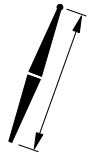
56 000 kg
+
20 450 kg



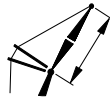
	87°			83°			80°			
	m	°	m	kg	m	°	m	kg	m	m
11,6	74,0	52,3	37 500 c							11,6
12,0	73,2	52,2	37 000 c							12,0
14,0	69,3	51,5	34 700 b							14,0
16,0	65,2	50,6	32 700 b	68,2	51,1	34 400 b				16,0
18,0	61,0	49,6	30 800	64,0	50,2	31 700 b				18,0
20,0	56,6	48,4	28 700	59,8	49,1	27 800	62,1	49,5	27 200 b	20,0
22,0	51,9	47,0	25 400	55,3	47,9	24 600	57,8	48,4	24 100	22,0
24,0	47,0	45,3	22 700	50,6	46,4	22 100	53,2	47,0	21 600	24,0
26,0	41,6	43,2	20 600	45,6	44,6	20 000	48,3	45,4	19 500	26,0
28,0	35,6	40,7	18 700	40,0	42,4	18 200	43,1	43,4	17 800	28,0
30,0	28,5	37,5	17 100	33,8	39,7	16 600	37,3	41,1	16 300	30,0
32,0	19,1	33,0	15 700	26,2	36,3	15 300	30,5	38,1	15 000	32,0
34,0				15,7	31,1	14 100	22,0	34,0	13 800	34,0
36,0										36,0
38,0										38,0
40,0										40,0



56 000 kg
+
20 450 kg

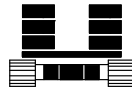
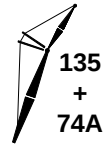


21,0 m

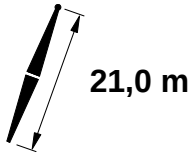


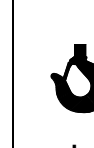
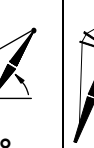
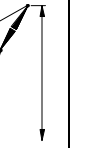
30,5 m

	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
11,6										11,6
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0	57,3	47,8	20 800							24,0
26,0	52,7	46,4	18 800	56,7	47,0	18 000				26,0
28,0	47,8	44,7	17 100	52,0	45,6	16 400				28,0
30,0	42,5	42,7	15 600	47,1	43,9	15 000				30,0
32,0	36,6	40,3	14 400	41,7	41,8	13 800	46,2	42,8	13 200	32,0
34,0	29,7	37,2	13 300	35,7	39,3	12 700	40,8	40,7	12 200	34,0
36,0	20,9	33,0	12 300	28,6	36,1	11 800	34,6	38,1	11 300	36,0
38,0				19,4	31,7	11 000	27,3	34,8	10 500	38,0
40,0							17,4	29,9	9 800	40,0



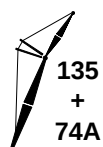
56 000 kg
+
20 450 kg



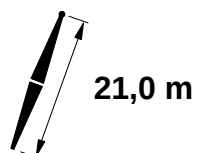
	87°			83°			80°			
										
	m	°	m	kg	m	°	m	kg	m	m
12,2	74,4	55,3	34 200 c							12,2
14,0	71,2	54,7	32 600 b							14,0
16,0	67,6	54,0	31 000 b							16,0
18,0	63,8	53,1	29 500	66,6	53,6	30 800 b				18,0
20,0	59,9	52,0	28 000	62,8	52,6	27 800	64,8	53,0	27 200	20,0
22,0	55,9	50,7	25 500	58,9	51,5	24 600	61,0	51,9	24 100	22,0
24,0	51,7	49,3	22 700	54,8	50,2	22 100	57,0	50,7	21 600	24,0
26,0	47,2	47,6	20 600	50,5	48,7	19 900	52,8	49,3	19 500	26,0
28,0	42,3	45,5	18 700	45,9	46,9	18 200	48,4	47,7	17 700	28,0
30,0	36,9	43,1	17 100	40,9	44,8	16 600	43,7	45,7	16 200	30,0
32,0	30,8	40,2	15 800	35,4	42,2	15 300	38,4	43,5	15 000	32,0
34,0	23,3	36,2	14 600	28,9	39,0	14 100	32,6	40,6	13 800	34,0
36,0	12,0	29,9	12 500	20,8	34,7	13 100	25,5	37,0	12 800	36,0
38,0				6,1	26,3	11 700	15,8	31,7	11 900	38,0
40,0										40,0
42,0										42,0
44,0										44,0

MLC165-1 S-2

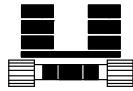
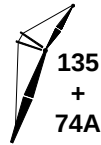
ASME B30.5



56 000 kg
+
20 450 kg



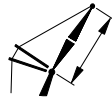
	75°			70°			65°			
	m	m	kg	m	kg	m	kg	m	m	
12,2										12,2
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0	60,6	51,3	20 800							24,0
26,0	56,5	50,1	18 700							26,0
28,0	52,3	48,7	17 100	56,0	49,3	16 400				28,0
30,0	47,9	47,0	15 600	51,8	47,9	15 000				30,0
32,0	43,1	45,1	14 400	47,3	46,2	13 800	51,0	46,9	13 200	32,0
34,0	37,8	42,7	13 300	42,4	44,2	12 700	46,5	45,1	12 200	34,0
36,0	31,8	39,8	12 300	37,1	41,8	11 800	41,6	43,0	11 300	36,0
38,0	24,6	36,1	11 400	31,0	38,8	11 000	36,1	40,5	10 500	38,0
40,0				23,5	34,9	10 200	29,8	37,5	9 800	40,0
42,0				12,3	28,7	9 500	22,0	33,4	9 100	42,0
44,0							9,3	26,2	8 500	44,0



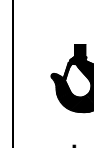
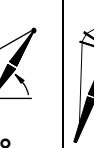
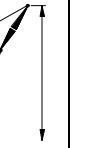
56 000 kg
+
20 450 kg



21,0 m

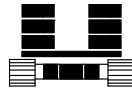
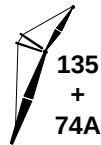


36,6 m

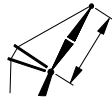
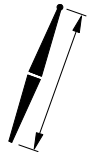
	87°			83°			80°			
										
	m	°	m	kg	°	m	kg	°	m	kg
13,7	73,3	58,0	30 500 b							13,7
14,0	72,8	57,9	30 200 b							14,0
16,0	69,5	57,2	28 700 b							16,0
18,0	66,1	56,4	27 100	68,6	56,9	28 400 b				18,0
20,0	62,7	55,5	25 800	65,2	56,0	26 900	67,1	56,3	27 100	20,0
22,0	59,1	54,4	24 500	61,7	55,0	24 600	63,6	55,4	23 900	22,0
24,0	55,3	53,1	22 700	58,1	53,8	21 900	60,1	54,3	21 400	24,0
26,0	51,4	51,6	20 500	54,3	52,5	19 800	56,4	53,1	19 400	26,0
28,0	47,3	49,9	18 600	50,3	51,0	18 000	52,5	51,6	17 600	28,0
30,0	42,9	47,9	17 000	46,1	49,2	16 500	48,5	50,0	16 100	30,0
32,0	38,1	45,5	15 700	41,6	47,1	15 200	44,1	48,1	14 800	32,0
34,0	32,6	42,7	14 500	36,7	44,6	14 100	39,4	45,8	13 700	34,0
36,0	26,3	39,2	13 500	31,0	41,7	13 000	34,2	43,2	12 700	36,0
38,0	17,9	34,2	12 500	24,3	37,8	12 100	28,1	39,8	11 800	38,0
40,0				14,9	32,2	11 200	20,5	35,4	11 000	40,0
42,0										42,0
44,0										44,0
46,0										46,0

MLC165-1 S-2

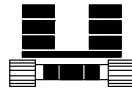
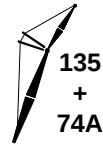
ASME B30.5



56 000 kg
+
20 450 kg



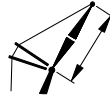
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	59,6	53,7	18 600							26,0
28,0	55,9	52,5	16 900							28,0
30,0	52,1	51,0	15 500	55,4	51,7	14 900				30,0
32,0	48,0	49,3	14 200	51,5	50,2	13 600				32,0
34,0	43,6	47,4	13 200	47,4	48,5	12 600	50,9	49,2	12 100	34,0
36,0	38,9	45,1	12 200	43,0	46,5	11 700	46,7	47,4	11 200	36,0
38,0	33,5	42,4	11 300	38,2	44,1	10 900	42,2	45,4	10 400	38,0
40,0	27,4	39,0	10 600	32,8	41,3	10 100	37,3	43,0	9 700	40,0
42,0	19,5	34,3	9 900	26,4	37,8	9 400	31,8	40,1	9 000	42,0
44,0				18,2	32,9	8 800	25,2	36,4	8 400	44,0
46,0							16,4	31,1	7 900	46,0



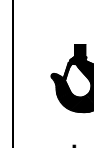
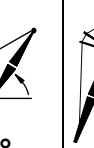
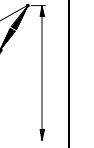
56 000 kg
+
20 450 kg



21,0 m

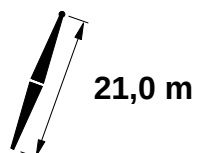
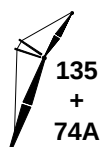


39,6 m

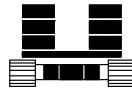
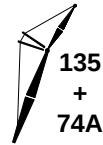
	87°			83°			80°			
										
	m	°	m	kg	m	°	m	kg	m	m
13,7	74,6	61,2	23 600 b							13,7
14,0	74,2	61,1	23 500 b							14,0
16,0	71,2	60,5	22 900 b							16,0
18,0	68,1	59,7	22 300							18,0
20,0	64,9	58,9	21 700	67,2	59,3	22 400				20,0
22,0	61,7	57,9	21 000	64,0	58,4	21 800	65,8	58,7	22 100	22,0
24,0	58,3	56,7	19 900	60,8	57,4	20 800	62,6	57,8	21 200	24,0
26,0	54,9	55,4	18 900	57,4	56,2	19 700	59,3	56,7	19 300	26,0
28,0	51,3	53,9	18 000	53,9	54,8	18 000	55,8	55,4	17 500	28,0
30,0	47,4	52,2	16 900	50,2	53,3	16 400	52,2	53,9	16 000	30,0
32,0	43,4	50,2	15 600	46,4	51,5	15 100	48,5	52,3	14 800	32,0
34,0	39,0	47,9	14 400	42,2	49,4	14 000	44,5	50,4	13 600	34,0
36,0	34,1	45,2	13 400	37,7	47,0	13 000	40,2	48,2	12 600	36,0
38,0	28,6	41,9	12 500	32,7	44,2	12 100	35,5	45,6	11 800	38,0
40,0	21,8	37,7	11 600	26,9	40,7	11 300	30,2	42,5	11 000	40,0
42,0	11,7	31,0	10 000	19,5	36,1	10 500	23,8	38,6	10 300	42,0
44,0				6,9	27,5	9 400	15,1	32,9	9 600	44,0
46,0										46,0
48,0										48,0
50,0										50,0

MLC165-1 S-2

ASME B30.5



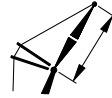
	75°			70°			65°			
	m	m	kg	m	kg	m	kg	m	m	
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	62,2	57,2	18 500							26,0
28,0	58,9	56,1	16 800							28,0
30,0	55,4	54,8	15 400							30,0
32,0	51,8	53,3	14 100	55,0	54,0	13 500				32,0
34,0	48,1	51,6	13 100	51,3	52,5	12 500				34,0
36,0	44,0	49,7	12 100	47,5	50,8	11 600	50,7	51,5	11 100	36,0
38,0	39,7	47,5	11 300	43,5	48,8	10 800	46,9	49,7	10 300	38,0
40,0	34,9	44,8	10 500	39,1	46,5	10 000	42,8	47,7	9 600	40,0
42,0	29,5	41,7	9 800	34,2	43,8	9 400	38,3	45,4	8 900	42,0
44,0	23,0	37,6	9 200	28,7	40,6	8 800	33,4	42,6	8 400	44,0
46,0				21,9	36,3	8 200	27,7	39,2	7 800	46,0
48,0				12,0	29,8	7 700	20,6	34,7	7 300	48,0
50,0							9,5	27,3	6 900	50,0



56 000 kg
+
20 450 kg



21,0 m

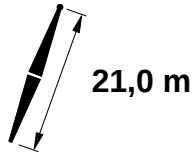
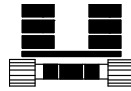
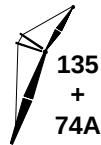


42,7 m

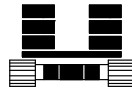
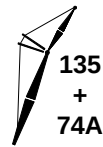
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2	73,6	63,9	21 700 b							15,2
16,0	72,5	63,7	21 400 b							16,0
18,0	69,7	63,0	20 900							18,0
20,0	66,8	62,2	20 300	68,9	62,6	20 900				20,0
22,0	63,9	61,3	19 200	66,0	61,8	20 100				22,0
24,0	60,8	60,2	18 200	63,0	60,8	19 000	64,7	61,2	19 600	24,0
26,0	57,7	59,1	17 200	60,0	59,8	18 100	61,7	60,2	18 600	26,0
28,0	54,5	57,7	16 300	56,8	58,5	17 100	58,6	59,0	17 500	28,0
30,0	51,1	56,2	15 500	53,6	57,1	16 200	55,4	57,7	15 900	30,0
32,0	47,6	54,5	14 600	50,2	55,6	15 000	52,0	56,2	14 600	32,0
34,0	43,8	52,5	13 900	46,6	53,8	13 900	48,5	54,6	13 500	34,0
36,0	39,8	50,3	13 200	42,7	51,8	12 800	44,8	52,7	12 500	36,0
38,0	35,4	47,7	12 400	38,6	49,4	12 000	40,9	50,5	11 600	38,0
40,0	30,4	44,6	11 500	34,1	46,7	11 100	36,6	48,0	10 900	40,0
42,0	24,6	40,7	10 800	28,9	43,5	10 400	31,8	45,1	10 100	42,0
44,0	17,0	35,5	9 900	22,8	39,3	9 800	26,3	41,5	9 500	44,0
46,0				14,3	33,4	9 100	19,4	36,8	8 900	46,0
48,0										48,0
50,0										50,0
52,0										52,0

MLC165-1 S-2

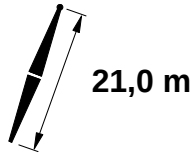
ASME B30.5



	75°			70°			65°			
	m	m	kg	m	kg	m	kg	m	m	
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0	61,3	59,6	16 700							28,0
30,0	58,2	58,4	15 200							30,0
32,0	55,0	57,1	14 000	57,8	57,6	13 400				32,0
34,0	51,6	55,6	12 900	54,5	56,3	12 400				34,0
36,0	48,1	53,9	12 000	51,2	54,8	11 400				36,0
38,0	44,4	52,0	11 100	47,6	53,1	10 600				38,0
40,0	40,4	49,8	10 400	43,9	51,1	9 900	47,0	52,0	9 400	40,0
42,0	36,1	47,3	9 700	39,9	48,9	9 200	43,2	50,0	8 800	42,0
44,0	31,2	44,3	9 100	35,5	46,3	8 600	39,2	47,7	8 200	44,0
46,0	25,6	40,6	8 500	30,5	43,2	8 100	34,7	45,1	7 700	46,0
48,0	18,4	35,6	8 000	24,7	39,4	7 600	29,7	41,9	7 200	48,0
50,0				17,2	34,2	7 100	23,7	37,9	6 800	50,0
52,0							15,7	32,3	6 400	52,0



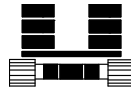
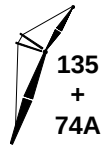
56 000 kg
+
20 450 kg



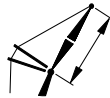
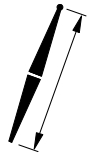
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2	74,7	67,1	20 300 b							15,2
16,0	73,7	66,9	20 100 b							16,0
18,0	71,1	66,2	19 600							18,0
20,0	68,4	65,5	18 700	70,4	65,9	19 500				20,0
22,0	65,7	64,7	17 700	67,7	65,1	18 500				22,0
24,0	62,9	63,7	16 800	65,0	64,2	17 500				24,0
26,0	60,1	62,6	15 800	62,2	63,2	16 600	63,7	63,6	17 100	26,0
28,0	57,2	61,4	15 000	59,3	62,1	15 700	60,9	62,5	16 200	28,0
30,0	54,1	60,0	14 100	56,3	60,9	14 800	58,0	61,4	15 300	30,0
32,0	51,0	58,5	13 300	53,3	59,4	14 000	54,9	60,0	14 500	32,0
34,0	47,7	56,8	12 600	50,1	57,9	13 300	51,8	58,5	13 500	34,0
36,0	44,2	54,8	11 900	46,7	56,1	12 500	48,6	56,9	12 500	36,0
38,0	40,4	52,6	11 300	43,2	54,1	11 800	45,1	55,0	11 600	38,0
40,0	36,4	50,1	10 700	39,4	51,8	11 100	41,5	52,9	10 800	40,0
42,0	31,9	47,2	10 100	35,2	49,2	10 400	37,5	50,5	10 100	42,0
44,0	26,8	43,6	9 600	30,6	46,1	9 700	33,2	47,6	9 500	44,0
46,0	20,6	39,1	9 100	25,3	42,3	9 100	28,3	44,3	8 900	46,0
48,0	11,5	32,1	8 100	18,6	37,4	8 600	22,4	40,1	8 400	48,0
50,0				7,4	28,7	7 600	14,5	34,1	7 900	50,0
52,0										52,0
54,0										54,0
56,0										56,0

MLC165-1 S-2

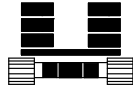
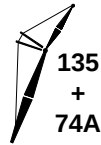
ASME B30.5



56 000 kg
+
20 450 kg



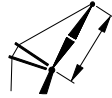
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0	60,5	62,0	15 200							30,0
32,0	57,6	60,8	14 000							32,0
34,0	54,6	59,4	12 900	57,2	60,0	12 300				34,0
36,0	51,5	57,9	11 900	54,2	58,6	11 400				36,0
38,0	48,2	56,2	11 100	51,0	57,1	10 600				38,0
40,0	44,7	54,3	10 300	47,7	55,4	9 900	50,5	56,1	9 400	40,0
42,0	41,0	52,2	9 700	44,2	53,4	9 200	47,2	54,3	8 800	42,0
44,0	37,1	49,7	9 000	40,5	51,2	8 600	43,6	52,3	8 200	44,0
46,0	32,7	46,8	8 500	36,5	48,7	8 100	39,9	50,1	7 700	46,0
48,0	27,7	43,4	8 000	32,0	45,8	7 600	35,8	47,5	7 200	48,0
50,0	21,7	39,0	7 500	27,0	42,3	7 100	31,3	44,5	6 800	50,0
52,0				20,8	37,7	6 700	26,0	40,8	6 400	52,0
54,0				11,8	30,9	6 300	19,6	36,1	6 000	54,0
56,0							9,6	28,4	5 600	56,0



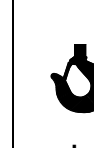
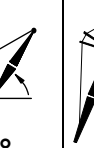
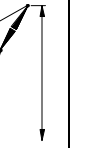
56 000 kg
+
20 450 kg



21,0 m

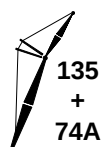


48,8 m

	87°			83°			80°			
										
	m	°	m	kg	°	m	kg	°	m	kg
16,8	73,9	69,8	18 500 b						16,8	
18,0	72,3	69,4	18 100						18,0	
20,0	69,9	68,8	17 200						20,0	
22,0	67,3	68,0	16 200	69,2	68,4	16 900			22,0	
24,0	64,8	67,1	15 300	66,6	67,6	16 000			24,0	
26,0	62,1	66,1	14 400	64,0	66,7	15 100	65,5	67,0	15 500	26,0
28,0	59,4	65,0	13 500	61,4	65,6	14 200	62,8	66,0	14 700	28,0
30,0	56,7	63,7	12 700	58,7	64,5	13 400	60,2	64,9	13 800	30,0
32,0	53,8	62,3	12 000	55,9	63,2	12 600	57,4	63,7	13 000	32,0
34,0	50,8	60,8	11 200	53,0	61,8	11 800	54,6	62,4	12 300	34,0
36,0	47,7	59,1	10 600	50,0	60,2	11 100	51,7	60,9	11 500	36,0
38,0	44,5	57,1	9 900	46,9	58,4	10 400	48,6	59,2	10 800	38,0
40,0	41,0	55,0	9 300	43,6	56,4	9 800	45,4	57,3	10 200	40,0
42,0	37,3	52,5	8 800	40,0	54,2	9 200	42,0	55,2	9 600	42,0
44,0	33,2	49,7	8 200	36,2	51,6	8 700	38,3	52,8	9 000	44,0
46,0	28,7	46,4	7 800	32,0	48,7	8 200	34,4	50,1	8 500	46,0
48,0	23,3	42,3	7 300	27,3	45,2	7 700	29,9	46,9	8 000	48,0
50,0	16,3	36,7	6 800	21,6	40,8	7 200	24,8	43,1	7 500	50,0
52,0				13,9	34,5	6 700	18,5	38,0	7 000	52,0
54,0										54,0
56,0										56,0
58,0										58,0

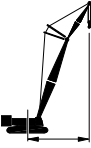
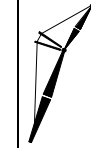
MLC165-1 S-2

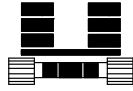
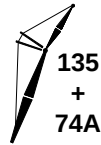
ASME B30.5



56 000 kg
+
20 450 kg



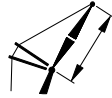
	75°			70°			65°			
	 m	 m	 kg	 m	 m	 kg	 m	 m	 kg	 m
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	59,9	64,3	13 600							32,0
34,0	57,1	63,1	12 800							34,0
36,0	54,3	61,7	11 800							36,0
38,0	51,3	60,2	11 000	53,9	60,9	10 400				38,0
40,0	48,2	58,5	10 200	50,9	59,4	9 700				40,0
42,0	45,0	56,6	9 500	47,8	57,7	9 100	50,4	58,4	8 600	42,0
44,0	41,6	54,5	8 900	44,6	55,8	8 500	47,3	56,6	8 000	44,0
46,0	37,9	52,1	8 400	41,1	53,6	7 900	44,0	54,7	7 500	46,0
48,0	33,9	49,3	7 800	37,4	51,1	7 500	40,5	52,5	7 100	48,0
50,0	29,4	46,1	7 400	33,3	48,3	7 000	36,7	50,0	6 600	50,0
52,0	24,2	42,1	6 900	28,8	45,0	6 600	32,6	47,1	6 200	52,0
54,0	17,6	36,9	6 500	23,4	40,9	6 200	27,9	43,6	5 900	54,0
56,0				16,5	35,4	5 800	22,4	39,4	5 500	56,0
58,0							15,1	33,5	5 200	58,0



56 000 kg
+
20 450 kg



21,0 m

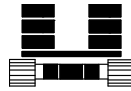
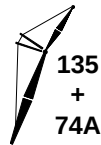


51,8 m

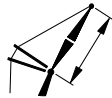
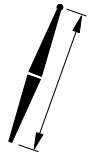
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
16,8	74,8	73,0	17 200 b							16,8
18,0	73,4	72,6	16 700							18,0
20,0	71,1	72,0	15 800							20,0
22,0	68,7	71,3	14 900							22,0
24,0	66,3	70,4	14 000	68,1	70,9	14 700				24,0
26,0	63,9	69,5	13 200	65,7	70,0	13 800	67,0	70,3	14 200	26,0
28,0	61,4	68,5	12 400	63,2	69,1	13 000	64,6	69,4	13 400	28,0
30,0	58,9	67,3	11 600	60,7	68,0	12 200	62,1	68,4	12 600	30,0
32,0	56,2	66,1	10 900	58,2	66,8	11 500	59,6	67,3	11 900	32,0
34,0	53,5	64,6	10 200	55,5	65,5	10 700	57,0	66,0	11 100	34,0
36,0	50,7	63,1	9 500	52,8	64,1	10 100	54,3	64,7	10 400	36,0
38,0	47,8	61,4	8 900	50,0	62,5	9 400	51,5	63,2	9 800	38,0
40,0	44,8	59,5	8 300	47,0	60,7	8 800	48,6	61,5	9 100	40,0
42,0	41,5	57,3	7 800	43,9	58,7	8 200	45,6	59,6	8 600	42,0
44,0	38,1	54,9	7 300	40,6	56,5	7 700	42,4	57,6	8 000	44,0
46,0	34,3	52,2	6 800	37,1	54,0	7 200	39,0	55,2	7 500	46,0
48,0	30,2	49,0	6 200	33,2	51,2	6 700	35,4	52,6	7 000	48,0
50,0	25,4	45,2	5 700	29,0	47,9	6 100	31,3	49,6	6 400	50,0
52,0	19,7	40,4	5 200	24,0	43,9	5 600	26,8	46,0	5 800	52,0
54,0	11,4	33,2	4 700	17,8	38,6	5 100	21,4	41,5	5 300	54,0
56,0				7,8	29,8	4 700	14,1	35,2	4 900	56,0
58,0										58,0
60,0										60,0
62,0										62,0

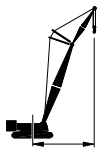
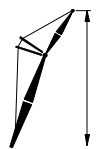
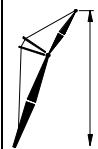
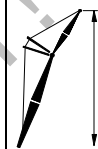
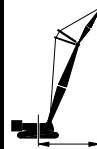
MLC165-1 S-2

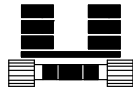
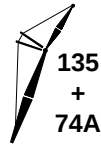
ASME B30.5



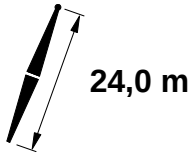
56 000 kg
+
20 450 kg

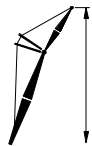
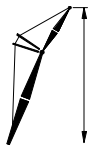


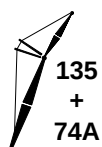
	 75°			 70°			 65°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	61,8	67,8	12 400							32,0
34,0	59,3	66,7	11 700							34,0
36,0	56,7	65,4	11 000							36,0
38,0	54,0	64,1	10 300							38,0
40,0	51,2	62,5	9 700	53,6	63,2	9 600				40,0
42,0	48,3	60,8	9 100	50,8	61,7	9 000				42,0
44,0	45,2	58,9	8 500	47,9	60,0	8 400	50,3	60,7	7 900	44,0
46,0	42,0	56,8	8 000	44,8	58,1	7 800	47,4	58,9	7 400	46,0
48,0	38,6	54,5	7 400	41,6	55,9	7 400	44,3	57,0	7 000	48,0
50,0	34,9	51,8	6 900	38,1	53,5	6 900	41,0	54,8	6 500	50,0
52,0	30,9	48,7	6 400	34,4	50,8	6 500	37,5	52,4	6 100	52,0
54,0	26,2	45,0	5 800	30,3	47,7	6 100	33,7	49,6	5 800	54,0
56,0	20,7	40,4	5 300	25,5	43,9	5 700	29,5	46,3	5 400	56,0
58,0				19,8	39,1	5 300	24,7	42,4	5 100	58,0
60,0				11,6	32,0	4 800	18,7	37,4	4 800	60,0
62,0							9,6	29,5	4 500	62,0



56 000 kg
+
20 450 kg



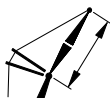
	 87°			 83°			 80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
9,1	74,3	46,5	49 900 d							9,1
10,0	71,9	46,2	49 900 d							10,0
12,0	66,1	45,5	47 500 c							12,0
14,0	60,1	44,5	42 300 b	65,1	45,1	44 300 c				14,0
16,0	53,7	43,2	36 900 b	59,0	44,1	37 100 b	62,8	44,5	36 300 c	16,0
18,0	46,7	41,5	32 800	52,5	42,7	31 900 b	56,6	43,4	31 200 b	18,0
20,0	38,7	39,3	28 800	45,4	41,0	27 900	49,9	41,9	27 300 b	20,0
22,0	29,1	36,3	25 600	37,3	38,7	24 800	42,5	40,0	24 200	22,0
24,0	14,7	31,4	22 700	27,2	35,5	22 200	33,8	37,4	21 700	24,0
26,0							22,3	33,6	19 600	26,0
28,0										28,0
30,0										30,0
32,0										32,0



56 000 kg
+
20 450 kg

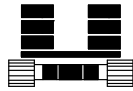
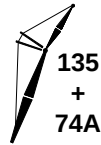


24,0 m

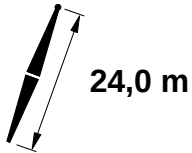


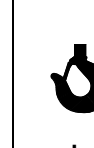
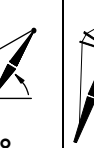
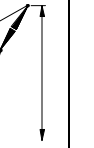
21,3 m

	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
9,1										9,1
10,0										10,0
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0	56,7	42,9	26 200 b							20,0
22,0	50,0	41,4	23 200 b							22,0
24,0	42,6	39,5	20 800	49,9	40,7	19 900 b				24,0
26,0	33,9	36,9	18 800	42,5	38,8	18 000				26,0
28,0	22,5	33,2	17 100	33,8	36,2	16 400	49,6	39,7	17 200 b	28,0
30,0				22,4	32,5	15 000	42,1	37,8	15 700	30,0
32,0							33,4	35,2	14 300	32,0
							21,7	31,4	13 200	32,0



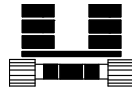
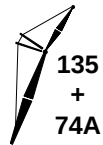
56 000 kg
+
20 450 kg



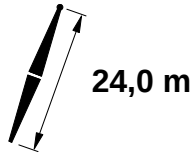
	87°			83°			80°			
										
	m	°	m	kg	m	°	m	kg	m	m
9,8	74,8	49,5	45 600 d							9,8
10,0	74,2	49,4	45 600 d							10,0
12,0	69,2	48,8	45 000 c							12,0
14,0	64,1	47,9	41 200 b	68,4	48,4	44 100 c				14,0
16,0	58,8	46,8	37 000 b	63,2	47,5	37 000 b				16,0
18,0	53,1	45,5	32 800	57,8	46,4	31 800 b	61,2	46,9	31 100 b	18,0
20,0	47,0	43,8	28 800	52,1	45,0	27 800	55,7	45,7	27 200 b	20,0
22,0	40,1	41,7	25 500	45,9	43,3	24 700	49,8	44,2	24 100	22,0
24,0	32,2	38,9	22 900	38,9	41,1	22 100	43,3	42,3	21 600	24,0
26,0	21,8	35,0	20 600	30,7	38,2	20 000	35,9	39,9	19 500	26,0
28,0				19,6	33,9	18 200	26,9	36,6	17 700	28,0
30,0							13,2	31,1	16 200	30,0
32,0										32,0
34,0										34,0

MLC165-1 S-2

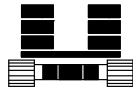
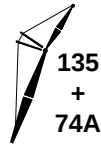
ASME B30.5



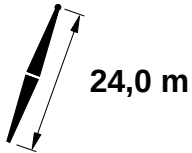
56 000 kg
+
20 450 kg



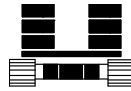
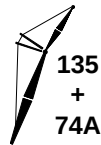
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
9,8										9,8
10,0										10,0
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0	61,3	46,4	26 000 b							20,0
22,0	55,8	45,2	23 100 b							22,0
24,0	49,9	43,7	20 700							24,0
26,0	43,4	41,8	18 700	49,8	43,0	17 900				26,0
28,0	36,1	39,4	17 000	43,3	41,1	16 300	49,5	42,0	15 500	28,0
30,0	27,1	36,1	15 500	36,0	38,7	14 900	43,0	40,1	14 200	30,0
32,0	13,5	30,7	14 300	27,0	35,4	13 700	35,6	37,7	13 000	32,0
34,0							26,5	34,4	12 000	34,0



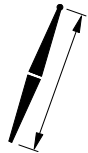
56 000 kg
+
20 450 kg



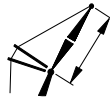
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
11,0	73,9	52,3	41 200 d							11,0
12,0	71,6	52,0	40 500 c							12,0
14,0	67,2	51,2	38 100 b							14,0
16,0	62,6	50,3	35 900 b	66,4	50,9	36 900 b				16,0
18,0	57,7	49,2	32 800	61,8	49,9	31 800 b	64,7	50,3	31 000 b	18,0
20,0	52,7	47,8	28 700	56,9	48,8	27 800	59,9	49,3	27 100 b	20,0
22,0	47,2	46,1	25 500	51,8	47,3	24 600	55,0	48,0	24 000	22,0
24,0	41,2	44,0	22 800	46,2	45,6	22 100	49,7	46,5	21 500	24,0
26,0	34,4	41,5	20 600	40,1	43,4	20 000	44,0	44,6	19 500	26,0
28,0	26,1	38,0	18 800	33,1	40,8	18 200	37,6	42,3	17 700	28,0
30,0	13,8	32,5	17 000	24,4	37,1	16 600	30,1	39,3	16 200	30,0
32,0				10,5	30,7	15 300	20,2	35,0	14 900	32,0
34,0										34,0
36,0										36,0
38,0										38,0



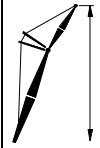
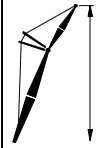
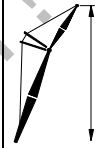
56 000 kg
+
20 450 kg

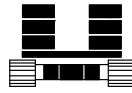
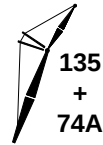


24,0 m

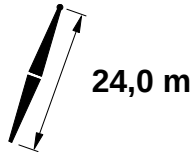


27,4 m

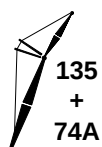
	75°			70°			65°			
										
	m	m	kg	m	m	kg	m	m	kg	m
11,0										11,0
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0	60,0	48,8	23 000 b							22,0
24,0	55,1	47,5	20 600							24,0
26,0	49,8	46,0	18 600	55,0	46,8	17 800				26,0
28,0	44,1	44,1	16 900	49,7	45,3	16 200				28,0
30,0	37,7	41,8	15 500	44,0	43,4	14 800	49,5	44,3	14 100	30,0
32,0	30,2	38,8	14 300	37,6	41,1	13 600	43,7	42,5	13 000	32,0
34,0	20,4	34,6	13 200	30,1	38,1	12 600	37,3	40,1	12 000	34,0
36,0				20,3	33,9	11 600	29,7	37,1	11 100	36,0
38,0							19,7	32,8	10 300	38,0



56 000 kg
+
20 450 kg



	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
11,6	74,4	55,3	37 200 c						11,6	
12,0	73,5	55,2	36 800 c						12,0	
14,0	69,6	54,5	34 600 b						14,0	
16,0	65,5	53,7	32 600 b	68,9	54,2	34 500 b			16,0	
18,0	61,3	52,7	30 800	64,8	53,3	31 600 b			18,0	
20,0	56,9	51,5	28 700	60,6	52,3	27 700	63,2	52,8	26 900 b	20,0
22,0	52,3	50,1	25 400	56,2	51,1	24 500	58,9	51,6	23 900	22,0
24,0	47,4	48,4	22 700	51,5	49,6	22 000	54,4	50,3	21 400	24,0
26,0	42,0	46,4	20 500	46,5	47,9	19 900	49,6	48,8	19 300	26,0
28,0	36,1	43,9	18 700	41,1	45,8	18 100	44,5	46,9	17 600	28,0
30,0	29,1	40,8	17 100	35,0	43,2	16 500	38,8	44,7	16 100	30,0
32,0	20,0	36,4	15 700	27,7	40,0	15 200	32,4	41,9	14 800	32,0
34,0				18,1	35,2	14 000	24,5	38,2	13 700	34,0
36,0							12,7	32,2	12 600	36,0
38,0										38,0
40,0										40,0



56 000 kg
+
20 450 kg

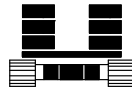
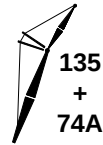


24,0 m

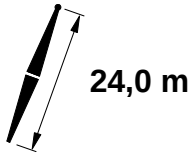


30,5 m

	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
11,6										11,6
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0	59,0	51,2	20 500							24,0
26,0	54,5	49,8	18 500							26,0
28,0	49,7	48,3	16 800	54,4	49,1	16 000				28,0
30,0	44,6	46,4	15 400	49,7	47,6	14 700				30,0
32,0	38,9	44,2	14 100	44,5	45,7	13 500	49,4	46,7	12 800	32,0
34,0	32,5	41,4	13 100	38,9	43,5	12 400	44,3	44,8	11 800	34,0
36,0	24,6	37,7	12 100	32,4	40,7	11 500	38,6	42,5	11 000	36,0
38,0	12,9	31,8	11 200	24,5	37,0	10 700	32,1	39,7	10 200	38,0
40,0							24,1	35,9	9 500	40,0



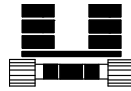
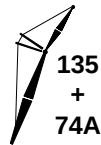
56 000 kg
+
20 450 kg



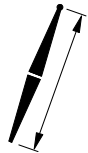
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
12,2	74,7	58,3	33 900 c							12,2
14,0	71,5	57,8	32 400 b							14,0
16,0	67,9	57,0	30 800 b							16,0
18,0	64,1	56,1	29 300	67,2	56,7	30 800 b				18,0
20,0	60,2	55,1	27 900	63,5	55,8	27 600	65,8	56,1	26 900 b	20,0
22,0	56,2	53,8	25 400	59,6	54,7	24 500	62,0	55,2	23 800	22,0
24,0	52,0	52,4	22 700	55,5	53,4	21 900	58,1	54,0	21 400	24,0
26,0	47,5	50,7	20 500	51,3	51,9	19 800	53,9	52,6	19 300	26,0
28,0	42,7	48,7	18 700	46,7	50,2	18 100	49,6	51,1	17 600	28,0
30,0	37,4	46,3	17 100	41,8	48,1	16 500	44,9	49,2	16 100	30,0
32,0	31,3	43,4	15 800	36,4	45,7	15 200	39,9	47,0	14 800	32,0
34,0	24,0	39,6	14 600	30,2	42,6	14 100	34,2	44,4	13 700	34,0
36,0	13,2	33,6	13 100	22,5	38,6	13 000	27,5	41,0	12 700	36,0
38,0				10,4	31,8	12 100	18,8	36,4	11 800	38,0
40,0										40,0
42,0										42,0
44,0										44,0

MLC165-1 S-2

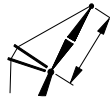
ASME B30.5



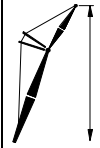
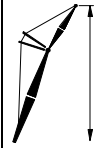
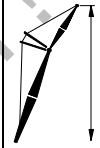
56 000 kg
+
20 450 kg

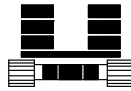
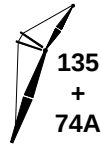


24,0 m

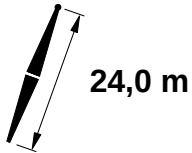


33,5 m

	75°			70°			65°			
										
	m	m	kg	m	m	kg	m	m	kg	m
12,2										12,2
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	58,1	53,5	18 400							26,0
28,0	54,0	52,2	16 800							28,0
30,0	49,6	50,6	15 400	53,9	51,5	14 600				30,0
32,0	45,0	48,7	14 100	49,6	49,9	13 500				32,0
34,0	39,9	46,6	13 100	44,9	48,0	12 400	49,4	48,9	11 800	34,0
36,0	34,3	43,9	12 100	39,9	45,8	11 500	44,7	47,1	10 900	36,0
38,0	27,6	40,6	11 300	34,2	43,2	10 700	39,6	44,9	10 200	38,0
40,0	19,0	35,9	10 500	27,5	39,8	10 000	33,9	42,2	9 500	40,0
42,0				18,8	35,2	9 300	27,2	38,8	8 900	42,0
44,0							18,4	34,1	8 300	44,0



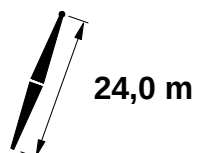
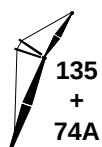
56 000 kg
+
20 450 kg



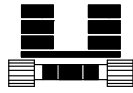
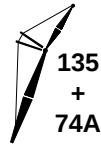
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
13,7	73,6	61,1	30 200 b						13,7	
14,0	73,1	61,0	30 000 b						14,0	
16,0	69,8	60,3	28 500 b						16,0	
18,0	66,4	59,5	27 000						18,0	
20,0	62,9	58,5	25 700	65,8	59,1	27 000			20,0	
22,0	59,4	57,4	24 400	62,3	58,2	24 500	64,5	58,6	23 800	22,0
24,0	55,6	56,2	22 700	58,7	57,0	21 800	61,0	57,5	21 200	24,0
26,0	51,8	54,7	20 400	55,0	55,7	19 700	57,3	56,3	19 200	26,0
28,0	47,6	53,0	18 600	51,1	54,2	17 900	53,5	55,0	17 500	28,0
30,0	43,3	51,0	17 000	46,9	52,5	16 400	49,5	53,4	16 000	30,0
32,0	38,5	48,7	15 700	42,5	50,5	15 100	45,3	51,5	14 700	32,0
34,0	33,1	45,9	14 500	37,6	48,1	14 000	40,7	49,4	13 600	34,0
36,0	26,8	42,5	13 400	32,1	45,2	13 000	35,6	46,8	12 600	36,0
38,0	18,7	37,7	12 500	25,6	41,6	12 100	29,8	43,7	11 700	38,0
40,0				17,0	36,5	11 200	22,7	39,7	10 900	40,0
42,0							12,3	33,3	10 200	42,0
44,0										44,0
46,0										46,0

MLC165-1 S-2

ASME B30.5



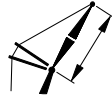
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	61,0	57,0	18 300							26,0
28,0	57,4	55,8	16 600							28,0
30,0	53,6	54,5	15 200							30,0
32,0	49,6	52,9	14 000	53,5	53,8	13 300				32,0
34,0	45,3	51,1	12 900	49,5	52,2	12 300				34,0
36,0	40,7	48,9	12 000	45,3	50,3	11 400	49,4	51,2	10 800	36,0
38,0	35,7	46,4	11 100	40,7	48,2	10 600	45,1	49,4	10 000	38,0
40,0	29,9	43,3	10 400	35,6	45,7	9 900	40,5	47,2	9 300	40,0
42,0	22,8	39,2	9 700	29,8	42,5	9 200	35,4	44,7	8 700	42,0
44,0	12,5	32,9	9 100	22,7	38,5	8 600	29,5	41,5	8 200	44,0
46,0							22,4	37,4	7 600	46,0



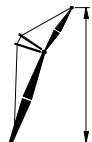
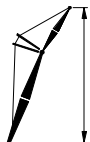
56 000 kg
+
20 450 kg

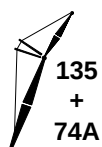


24,0 m



39,6 m

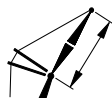
	 87°			 83°			 80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
13,7	74,9	64,2	23 200 b							13,7
14,0	74,4	64,1	23 200 b							14,0
16,0	71,4	63,5	22 500 b							16,0
18,0	68,3	62,8	22 000							18,0
20,0	65,2	61,9	21 400	67,8	62,5	22 100				20,0
22,0	61,9	60,9	20 800	64,6	61,6	21 700	66,6	61,9	21 900	22,0
24,0	58,6	59,8	19 900	61,4	60,6	20 900	63,4	61,0	21 000	24,0
26,0	55,2	58,5	18 900	58,0	59,4	19 600	60,1	59,9	19 100	26,0
28,0	51,5	57,0	17 900	54,6	58,1	17 900	56,7	58,7	17 400	28,0
30,0	47,8	55,3	16 900	50,9	56,5	16 300	53,2	57,3	15 900	30,0
32,0	43,7	53,3	15 600	47,1	54,8	15 000	49,5	55,7	14 600	32,0
34,0	39,4	51,1	14 400	43,0	52,8	13 900	45,6	53,8	13 500	34,0
36,0	34,5	48,4	13 400	38,6	50,5	12 900	41,4	51,7	12 500	36,0
38,0	29,0	45,2	12 500	33,7	47,7	12 000	36,8	49,3	11 600	38,0
40,0	22,4	41,0	11 600	28,0	44,4	11 200	31,6	46,3	10 900	40,0
42,0	12,8	34,7	10 500	21,1	40,0	10 500	25,6	42,7	10 100	42,0
44,0				10,4	32,9	9 800	17,7	37,6	9 500	44,0
46,0										46,0
48,0										48,0
50,0										50,0



56 000 kg
+
20 450 kg

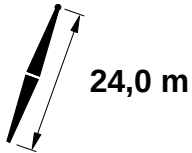
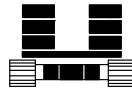
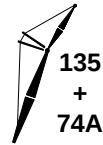


24,0 m

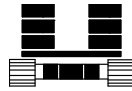
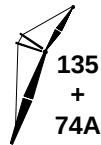


39,6 m

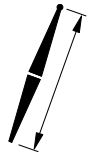
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0	60,2	59,4	16 600							28,0
30,0	56,8	58,2	15 100							30,0
32,0	53,2	56,8	13 900	56,7	57,5	13 200				32,0
34,0	49,5	55,2	12 800	53,2	56,1	12 200				34,0
36,0	45,6	53,4	11 900	49,5	54,5	11 300				36,0
38,0	41,4	51,3	11 100	45,6	52,7	10 500	49,3	53,5	9 900	38,0
40,0	36,8	48,8	10 300	41,4	50,5	9 800	45,4	51,7	9 200	40,0
42,0	31,7	45,9	9 600	36,8	48,1	9 100	41,2	49,6	8 600	42,0
44,0	25,7	42,2	9 000	31,6	45,1	8 500	36,6	47,1	8 100	44,0
46,0	17,9	37,2	8 400	25,6	41,5	8 000	31,4	44,1	7 600	46,0
48,0				17,8	36,4	7 500	25,3	40,4	7 100	48,0
50,0							17,3	35,3	6 600	50,0



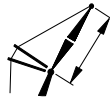
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
15,2	73,8	67,0	21 300 b						15,2	
16,0	72,8	66,7	21 100 b						16,0	
18,0	69,9	66,0	20 600						18,0	
20,0	67,0	65,3	20 100	69,5	65,7	20 700			20,0	
22,0	64,1	64,3	19 200	66,6	64,9	20 100			22,0	
24,0	61,1	63,3	18 200	63,6	64,0	19 100	65,4	64,4	19 700	24,0
26,0	58,0	62,1	17 300	60,6	62,9	18 200	62,4	63,4	18 700	26,0
28,0	54,7	60,8	16 400	57,4	61,7	17 200	59,4	62,3	17 300	28,0
30,0	51,4	59,3	15 500	54,2	60,4	16 200	56,2	61,0	15 800	30,0
32,0	47,8	57,6	14 700	50,8	58,8	14 900	52,9	59,6	14 500	32,0
34,0	44,1	55,7	13 900	47,2	57,1	13 800	49,5	58,0	13 400	34,0
36,0	40,1	53,4	13 200	43,5	55,1	12 800	45,8	56,1	12 400	36,0
38,0	35,7	50,9	12 400	39,4	52,9	11 900	41,9	54,1	11 500	38,0
40,0	30,8	47,8	11 500	34,9	50,2	11 100	37,8	51,7	10 700	40,0
42,0	25,1	44,1	10 800	29,9	47,1	10 400	33,1	48,9	10 000	42,0
44,0	17,8	39,0	10 100	24,0	43,1	9 700	27,8	45,5	9 400	44,0
46,0				16,2	37,7	9 100	21,4	41,1	8 800	46,0
48,0							12,0	34,4	8 300	48,0
50,0										50,0
52,0										52,0



56 000 kg
+
20 450 kg

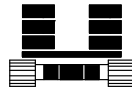
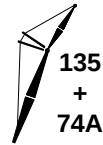


24,0 m

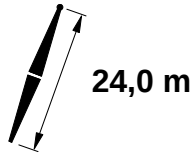


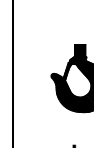
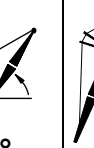
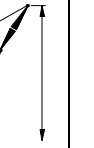
42,7 m

	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0	59,4	61,8	15 000							30,0
32,0	56,2	60,5	13 800							32,0
34,0	53,0	59,1	12 700	56,2	59,8	12 000				34,0
36,0	49,5	57,5	11 800	52,9	58,4	11 100				36,0
38,0	45,9	55,7	10 900	49,5	56,8	10 300				38,0
40,0	42,0	53,6	10 200	45,8	55,0	9 600	49,3	55,8	9 100	40,0
42,0	37,8	51,2	9 500	42,0	52,9	9 000	45,7	54,0	8 500	42,0
44,0	33,2	48,4	8 900	37,8	50,5	8 400	41,8	51,9	7 900	44,0
46,0	27,9	45,0	8 300	33,1	47,7	7 900	37,6	49,5	7 400	46,0
48,0	21,5	40,7	7 800	27,8	44,3	7 400	32,9	46,7	7 000	48,0
50,0	12,2	34,0	7 300	21,4	39,9	6 900	27,6	43,3	6 500	50,0
52,0							21,1	38,8	6 100	52,0



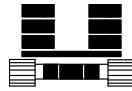
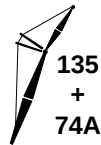
56 000 kg
+
20 450 kg



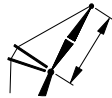
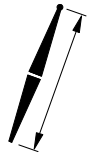
	87°			83°			80°			
										
	m	°	m	kg	m	°	m	kg	m	m
15,2	74,9	70,1	20 000 b							15,2
16,0	73,9	69,9	19 800 b							16,0
18,0	71,3	69,3	19 300							18,0
20,0	68,7	68,5	18 700							20,0
22,0	65,9	67,7	17 700							22,0
24,0	63,2	66,8	16 800	68,2	68,2	18 600				24,0
26,0	60,3	65,7	15 900	65,5	67,4	17 600				26,0
28,0	57,4	64,5	15 000	62,7	66,4	16 700	64,4	66,8	17 200	28,0
30,0	54,4	63,1	14 200	59,8	65,3	15 800	61,6	65,8	16 300	30,0
32,0	51,2	61,6	13 400	56,9	64,1	15 000	58,7	64,6	15 500	32,0
34,0	47,9	59,9	12 600	53,8	62,7	14 200	55,7	63,3	14 400	34,0
36,0	44,4	58,0	12 000	50,7	61,1	13 400	52,6	61,9	13 300	36,0
38,0	40,7	55,8	11 300	47,3	59,4	12 600	49,4	60,3	12 300	38,0
40,0	36,7	53,3	10 700	43,8	57,4	11 800	46,0	58,5	11 500	40,0
42,0	32,3	50,4	10 100	40,1	55,2	11 000	42,4	56,4	10 700	42,0
44,0	27,3	46,9	9 600	36,0	52,7	10 300	38,6	54,1	10 000	44,0
46,0	21,1	42,5	9 200	31,5	49,7	9 700	34,4	51,4	9 400	46,0
48,0	12,5	35,8	8 500	26,3	46,0	9 100	29,6	48,2	8 800	48,0
50,0				19,9	41,4	8 500	24,1	44,2	8 300	50,0
52,0				10,3	34,0	8 000	16,9	38,9	7 800	52,0
54,0										54,0
56,0										56,0

MLC165-1 S-2

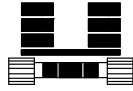
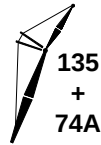
ASME B30.5



56 000 kg
+
20 450 kg



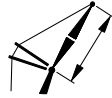
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	58,8	64,1	13 700							32,0
34,0	55,8	62,8	12 600							34,0
36,0	52,7	61,4	11 700	55,7	62,1	11 100				36,0
38,0	49,5	59,8	10 900	52,7	60,7	10 300				38,0
40,0	46,1	58,0	10 100	49,4	59,1	9 600				40,0
42,0	42,5	55,9	9 500	46,0	57,3	8 900	49,3	58,1	8 400	42,0
44,0	38,6	53,6	8 900	42,5	55,2	8 400	45,9	56,3	7 900	44,0
46,0	34,4	50,9	8 300	38,6	52,9	7 800	42,3	54,3	7 400	46,0
48,0	29,7	47,7	7 800	34,4	50,2	7 400	38,4	51,9	6 900	48,0
50,0	24,2	43,8	7 300	29,7	47,0	6 900	34,2	49,2	6 500	50,0
52,0	17,1	38,4	6 900	24,1	43,0	6 500	29,4	46,0	6 100	52,0
54,0				17,0	37,7	6 100	23,8	42,0	5 700	54,0
56,0							16,6	36,5	5 400	56,0



56 000 kg
+
20 450 kg



24,0 m

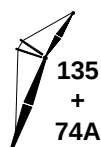


48,8 m

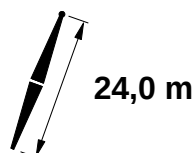
	87°			83°			80°			
	m	°	m	kg	m	kg	m	kg	m	m
16,8	74,1	72,9	18 300 b							16,8
18,0	72,5	72,5	18 000							18,0
20,0	70,0	71,8	17 100							20,0
22,0	67,5	71,0	16 200	69,6	71,5	16 900				22,0
24,0	65,0	70,1	15 300	67,1	70,7	16 100				24,0
26,0	62,3	69,2	14 400	64,5	69,8	15 200	66,1	70,1	15 600	26,0
28,0	59,7	68,0	13 600	61,9	68,8	14 300	63,5	69,2	14 800	28,0
30,0	56,9	66,8	12 800	59,2	67,7	13 500	60,9	68,1	14 000	30,0
32,0	54,0	65,4	12 000	56,4	66,4	12 700	58,1	67,0	13 200	32,0
34,0	51,1	63,9	11 300	53,5	65,0	12 000	55,3	65,7	12 400	34,0
36,0	48,0	62,2	10 600	50,6	63,4	11 200	52,4	64,2	11 700	36,0
38,0	44,7	60,3	10 000	47,5	61,7	10 600	49,4	62,6	11 000	38,0
40,0	41,3	58,1	9 400	44,2	59,8	9 900	46,2	60,8	10 400	40,0
42,0	37,6	55,7	8 800	40,7	57,6	9 300	42,9	58,7	9 700	42,0
44,0	33,6	52,9	8 300	36,9	55,1	8 800	39,3	56,4	9 100	44,0
46,0	29,0	49,6	7 800	32,8	52,2	8 300	35,4	53,8	8 600	46,0
48,0	23,7	45,6	7 400	28,2	48,8	7 800	31,1	50,8	8 100	48,0
50,0	17,0	40,2	6 900	22,7	44,6	7 300	26,2	47,1	7 600	50,0
52,0				15,6	38,9	6 800	20,3	42,5	7 200	52,0
54,0							11,8	35,5	6 600	54,0
56,0										56,0
58,0										58,0

MLC165-1 S-2

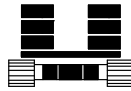
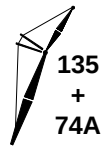
ASME B30.5



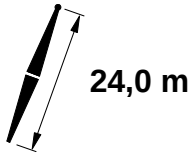
56 000 kg
+
20 450 kg



	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	60,9	67,7	13 600							32,0
34,0	58,2	66,5	12 500							34,0
36,0	55,4	65,2	11 600							36,0
38,0	52,5	63,7	10 700	55,3	64,5	10 100				38,0
40,0	49,4	62,1	10 000	52,4	63,0	9 400				40,0
42,0	46,3	60,3	9 300	49,4	61,4	8 800				42,0
44,0	42,9	58,2	8 700	46,2	59,6	8 200	49,3	60,4	7 700	44,0
46,0	39,4	56,0	8 200	42,9	57,5	7 700	46,1	58,6	7 200	46,0
48,0	35,5	53,3	7 700	39,3	55,2	7 200	42,7	56,6	6 800	48,0
50,0	31,2	50,3	7 200	35,4	52,6	6 800	39,1	54,3	6 400	50,0
52,0	26,3	46,7	6 800	31,2	49,6	6 400	35,3	51,6	6 000	52,0
54,0	20,4	42,0	6 400	26,3	45,9	6 000	31,0	48,6	5 600	54,0
56,0	12,0	35,1	6 000	20,3	41,3	5 600	26,0	44,9	5 300	56,0
58,0							20,0	40,2	5 000	58,0



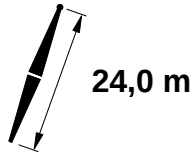
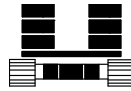
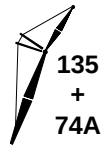
56 000 kg
+
20 450 kg



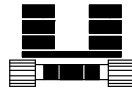
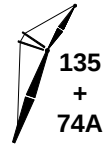
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
18,3	73,3	75,6	16 500							18,3
20,0	71,3	75,0	15 800							20,0
22,0	68,9	74,3	14 900							22,0
24,0	66,5	73,5	14 000	68,5	74,0	14 700				24,0
26,0	64,1	72,6	13 200	66,1	73,1	13 900	67,6	73,5	14 300	26,0
28,0	61,6	71,5	12 400	63,7	72,2	13 100	65,2	72,6	13 600	28,0
30,0	59,1	70,4	11 700	61,2	71,2	12 300	62,7	71,6	12 800	30,0
32,0	56,4	69,1	10 900	58,6	70,0	11 600	60,2	70,5	12 100	32,0
34,0	53,7	67,7	10 200	56,0	68,7	10 900	57,6	69,3	11 300	34,0
36,0	51,0	66,2	9 600	53,3	67,3	10 200	55,0	68,0	10 600	36,0
38,0	48,0	64,5	9 000	50,5	65,7	9 500	52,2	66,5	9 900	38,0
40,0	45,0	62,6	8 400	47,5	64,0	8 900	49,4	64,9	9 300	40,0
42,0	41,8	60,5	7 800	44,5	62,1	8 300	46,4	63,1	8 700	42,0
44,0	38,3	58,1	7 300	41,2	59,9	7 800	43,3	61,1	8 100	44,0
46,0	34,6	55,4	6 800	37,7	57,5	7 300	39,9	58,8	7 600	46,0
48,0	30,5	52,3	6 300	34,0	54,7	6 800	36,3	56,3	7 100	48,0
50,0	25,8	48,5	5 700	29,8	51,5	6 200	32,4	53,3	6 600	50,0
52,0	20,2	43,8	5 200	25,0	47,6	5 600	28,0	49,9	6 000	52,0
54,0	12,2	36,9	4 800	19,1	42,7	5 200	22,9	45,7	5 500	54,0
56,0				10,3	35,1	4 700	16,3	40,1	5 000	56,0
58,0										58,0
60,0										60,0
62,0										62,0

MLC165-1 S-2

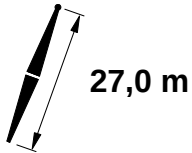
ASME B30.5



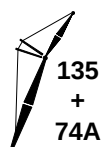
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
18,3										18,3
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	62,8	71,1	12 600							32,0
34,0	60,3	70,0	11 900							34,0
36,0	57,7	68,8	11 300							36,0
38,0	55,0	67,5	10 600							38,0
40,0	52,3	66,0	9 900	55,0	66,8	9 300				40,0
42,0	49,4	64,4	9 200	52,2	65,3	8 700				42,0
44,0	46,4	62,6	8 600	49,4	63,7	8 100				44,0
46,0	43,3	60,6	8 100	46,4	61,9	7 600	49,3	62,7	7 100	46,0
48,0	40,0	58,3	7 600	43,3	59,9	7 100	46,3	60,9	6 700	48,0
50,0	36,4	55,8	7 100	39,9	57,6	6 700	43,1	58,9	6 300	50,0
52,0	32,5	52,9	6 600	36,4	55,1	6 300	39,8	56,6	5 900	52,0
54,0	28,1	49,4	6 000	32,4	52,1	5 900	36,2	54,1	5 500	54,0
56,0	23,0	45,3	5 500	28,0	48,7	5 600	32,3	51,1	5 200	56,0
58,0	16,4	39,7	5 000	22,9	44,5	5 200	27,8	47,7	4 900	58,0
60,0				16,3	38,9	4 900	22,6	43,4	4 600	60,0
62,0							15,9	37,7	4 300	62,0



56 000 kg
+
20 450 kg



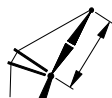
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
9,1	74,7	49,5	48 100 d						9,1	
10,0	72,3	49,3	48 100 d						10,0	
12,0	66,6	48,6	47 200 c						12,0	
14,0	60,6	47,6	40 300 b	66,2	48,3	44 000 c			14,0	
16,0	54,2	46,3	35 300 b	60,2	47,3	36 900 c	64,4	47,8	36 000 c	16,0
18,0	47,3	44,6	31 600	53,8	46,0	31 700 b	58,3	46,7	30 900 b	18,0
20,0	39,4	42,5	28 600	46,8	44,3	27 800	51,7	45,3	27 000 b	20,0
22,0	30,0	39,6	25 600	38,9	42,2	24 600	44,5	43,5	24 000	22,0
24,0	16,3	34,9	22 800	29,3	39,2	22 100	36,2	41,1	21 500	24,0
26,0							25,8	37,8	19 400	26,0
28,0										28,0
30,0										30,0
32,0										32,0



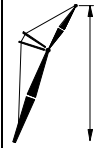
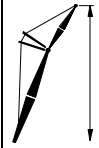
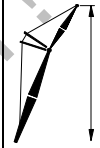
56 000 kg
+
20 450 kg

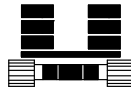
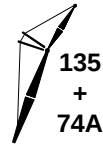


27,0 m

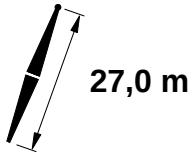


21,3 m

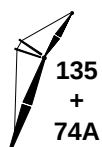
	75°			70°			65°			
										
	m	m	kg	m	m	kg	m	m	kg	m
9,1										9,1
10,0										10,0
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0	59,2	46,3	25 800 b							20,0
22,0	52,7	44,9	22 900 b							22,0
24,0	45,6	43,2	20 500	53,5	44,3	19 500 b				24,0
26,0	37,5	40,9	18 500	46,5	42,6	17 600				26,0
28,0	27,5	37,8	16 800	38,5	40,5	16 000	47,0	41,8	15 200 b	28,0
30,0				28,8	37,5	14 700	39,1	39,7	13 900	30,0
32,0				14,0	32,4	13 400	29,6	36,8	12 800	32,0



56 000 kg
+
20 450 kg



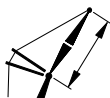
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
10,4	73,7	52,4	44 000 d							10,4
12,0	69,6	51,8	43 900 c							12,0
14,0	64,5	51,0	40 800 b	69,3	51,6	43 900 c				14,0
16,0	59,2	49,9	35 400 b	64,2	50,7	36 700 c				16,0
18,0	53,6	48,6	31 500	58,9	49,6	31 600 b	62,6	50,2	30 800 b	18,0
20,0	47,5	46,9	28 400	53,2	48,3	27 700	57,2	49,0	26 900 b	20,0
22,0	40,7	44,9	25 500	47,1	46,6	24 600	51,4	47,6	23 900	22,0
24,0	32,9	42,2	22 800	40,3	44,5	22 000	45,1	45,8	21 400	24,0
26,0	22,8	38,4	20 600	32,3	41,8	19 900	38,0	43,5	19 300	26,0
28,0				22,0	37,9	18 100	29,5	40,5	17 600	28,0
30,0							17,8	36,0	16 100	30,0
32,0										32,0
34,0										34,0
36,0										36,0



56 000 kg
+
20 450 kg

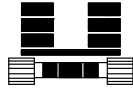
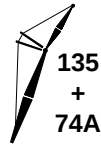


27,0 m

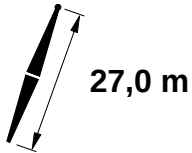


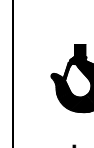
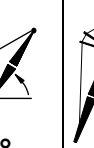
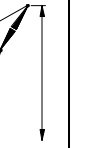
24,4 m

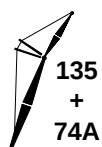
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
10,4										10,4
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0	58,0	48,6	22 800 b							22,0
24,0	52,2	47,2	20 400							24,0
26,0	46,0	45,5	18 400	52,9	46,6	17 500				26,0
28,0	39,1	43,3	16 700	46,8	45,0	15 900				28,0
30,0	30,9	40,5	15 300	39,9	42,8	14 500	47,3	44,1	13 800	30,0
32,0	19,9	36,2	14 100	31,9	40,1	13 400	40,5	42,1	12 700	32,0
34,0				21,4	36,1	12 300	32,6	39,4	11 700	34,0
36,0							22,4	35,5	10 800	36,0



56 000 kg
+
20 450 kg



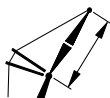
	87°			83°			80°			
										
	m	°	m	kg	°	m	kg	°	m	kg
11,0	74,2		55,4	39 900 d						11,0
12,0	72,0		55,1	39 800 c						12,0
14,0	67,5		54,3	37 900 b						14,0
16,0	62,9		53,4	35 400 b	67,2	54,1	36 700 c			16,0
18,0	58,1		52,3	31 700	62,6	53,1	31 600 b			18,0
20,0	53,1		50,9	28 400	57,8	52,0	27 600 b	61,2	52,6	26 800 b
22,0	47,6		49,2	25 500	52,7	50,6	24 500	56,3	51,3	23 800 b
24,0	41,7		47,2	22 800	47,3	48,9	21 900	51,1	49,9	21 300
26,0	35,0		44,7	20 600	41,3	46,9	19 800	45,5	48,1	19 300
28,0	26,8		41,3	18 800	34,5	44,3	18 100	39,3	45,9	17 500
30,0	15,1		36,1	17 100	26,2	40,9	16 500	32,2	43,1	16 100
32,0					14,1	35,4	15 200	23,2	39,3	14 800
34,0										
36,0										
38,0										



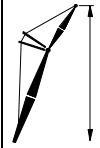
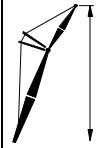
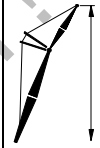
56 000 kg
+
20 450 kg

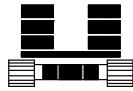
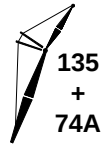


27,0 m

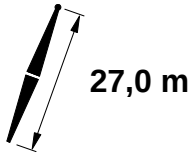


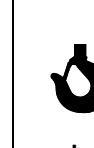
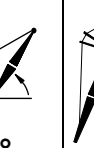
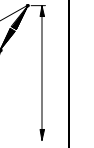
27,4 m

	75°			70°			65°			
										
	m	m	kg	m	m	kg	m	m	kg	m
11,0										11,0
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0	57,0	51,0	20 300							24,0
26,0	51,9	49,5	18 300	57,6	50,3	17 400				26,0
28,0	46,4	47,8	16 700	52,5	48,9	15 800				28,0
30,0	40,3	45,7	15 300	47,0	47,3	14 500				30,0
32,0	33,3	43,0	14 000	41,0	45,2	13 300	47,5	46,4	12 600	32,0
34,0	24,7	39,4	12 900	34,2	42,6	12 300	41,5	44,4	11 600	34,0
36,0				25,8	39,1	11 400	34,7	41,9	10 700	36,0
38,0				13,3	33,5	10 500	26,5	38,5	10 000	38,0



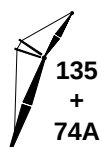
56 000 kg
+
20 450 kg



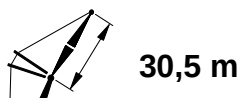
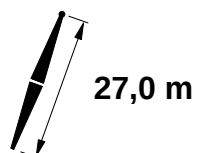
	87°			83°			80°			
										
	m	°	m	kg	m	°	m	kg	m	m
11,6	74,7	58,4	36 100 c							11,6
12,0	73,8	58,3	36 000 c							12,0
14,0	69,9	57,6	34 400 b							14,0
16,0	65,8	56,8	32 500 b							16,0
18,0	61,6	55,8	30 700							18,0
20,0	57,3	54,6	28 600	65,6	56,5	31 400 b				20,0
22,0	52,7	53,2	25 300	61,4	55,5	27 500	64,3	56,0	26 700 b	22,0
24,0	47,8	51,5	22 700	57,0	54,3	24 400	60,1	54,9	23 600	24,0
26,0	42,5	49,6	20 500	52,4	52,9	21 800	55,6	53,7	21 200	26,0
28,0	36,6	47,1	18 700	47,5	51,2	19 700	50,9	52,2	19 100	28,0
30,0	29,7	44,1	17 100	42,1	49,2	18 000	45,9	50,4	17 400	30,0
32,0	20,9	39,8	15 700	36,2	46,7	16 400	40,4	48,3	15 900	32,0
34,0				29,2	43,6	15 100	34,2	45,6	14 700	34,0
36,0				20,2	39,3	14 000	26,8	42,2	13 500	36,0
38,0							16,6	37,2	12 500	38,0
40,0										40,0
42,0										42,0

MLC165-1 S-2

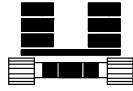
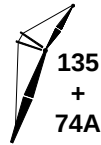
ASME B30.5



56 000 kg
+
20 450 kg



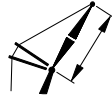
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
11,6										11,6
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	56,3	53,3	18 200							26,0
28,0	51,6	51,8	16 500							28,0
30,0	46,6	50,1	15 100	52,2	51,3	14 300				30,0
32,0	41,2	48,0	13 900	47,2	49,6	13 100	52,5	50,4	12 400	32,0
34,0	35,1	45,5	12 800	41,9	47,5	12 100	47,6	48,7	11 400	34,0
36,0	27,9	42,2	11 900	35,9	45,0	11 200	42,3	46,7	10 600	36,0
38,0	18,4	37,6	11 000	28,8	41,9	10 400	36,4	44,3	9 800	38,0
40,0				19,7	37,4	9 700	29,4	41,2	9 200	40,0
42,0							20,5	36,9	8 500	42,0



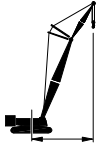
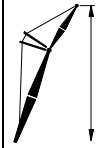
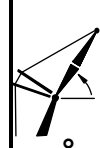
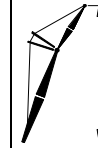
56 000 kg
+
20 450 kg



27,0 m

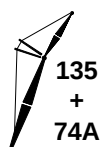


33,5 m

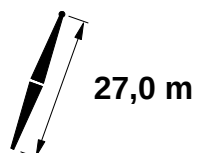
	87°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
13,7	72,3	60,9	32 300 b							13,7
14,0	71,8	60,8	32 100 b							14,0
16,0	68,1	60,1	30 600 b							16,0
18,0	64,4	59,2	29 200	67,9	59,8	30 700 b				18,0
20,0	60,6	58,2	27 800	64,2	58,9	27 500	66,8	59,3	26 700 b	20,0
22,0	56,5	56,9	25 400	60,3	57,9	24 300	63,0	58,4	23 600	22,0
24,0	52,3	55,5	22 700	56,3	56,7	21 800	59,1	57,3	21 200	24,0
26,0	47,9	53,8	20 500	52,1	55,2	19 700	55,0	56,0	19 100	26,0
28,0	43,1	51,9	18 700	47,6	53,5	17 900	50,7	54,5	17 400	28,0
30,0	37,8	49,5	17 100	42,8	51,5	16 400	46,2	52,7	15 900	30,0
32,0	31,8	46,7	15 700	37,5	49,2	15 100	41,2	50,6	14 700	32,0
34,0	24,6	42,9	14 600	31,4	46,2	14 000	35,7	48,1	13 600	34,0
36,0	14,3	37,3	13 500	24,1	42,4	13 000	29,4	45,0	12 600	36,0
38,0				13,4	36,6	12 000	21,4	40,8	11 700	38,0
40,0										40,0
42,0										42,0
44,0										44,0

MLC165-1 S-2

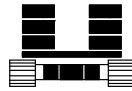
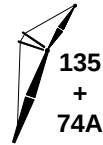
ASME B30.5



56 000 kg
+
20 450 kg



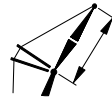
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	59,7	56,9	18 100							26,0
28,0	55,6	55,6	16 500							28,0
30,0	51,4	54,1	15 100							30,0
32,0	46,9	52,4	13 900	51,9	53,6	13 100				32,0
34,0	42,0	50,4	12 800	47,4	51,9	12 100				34,0
36,0	36,6	47,9	11 900	42,5	49,9	11 200	47,7	51,0	10 600	36,0
38,0	30,4	44,9	11 100	37,2	47,5	10 400	42,9	49,1	9 800	38,0
40,0	22,7	40,9	10 300	31,1	44,5	9 700	37,6	46,7	9 200	40,0
42,0				23,7	40,7	9 100	31,6	43,8	8 600	42,0
44,0				12,8	34,6	8 500	24,3	40,1	8 000	44,0



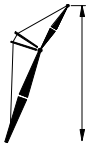
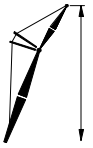
56 000 kg
+
20 450 kg



27,0 m

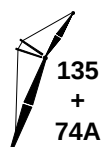


36,6 m

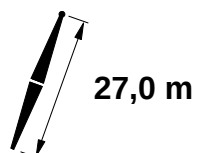
	 87°			 83°			 80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
13,7	73,8	64,1	29 900 b							13,7
14,0	73,3	64,0	29 700 b							14,0
16,0	70,0	63,4	28 200 b							16,0
18,0	66,7	62,6	26 800							18,0
20,0	63,2	61,6	25 500							20,0
22,0	59,6	60,5	24 300	66,5	62,3	26 900				22,0
24,0	55,9	59,3	22 600	63,0	61,4	24 300	65,4	61,8	23 500	24,0
26,0	52,1	57,8	20 400	59,4	60,3	21 700	61,9	60,8	21 000	26,0
28,0	48,0	56,1	18 600	55,7	59,0	19 600	58,3	59,6	19 000	28,0
30,0	43,6	54,2	17 000	51,8	57,5	17 800	54,5	58,3	17 300	30,0
32,0	38,9	51,9	15 700	47,7	55,8	16 300	50,6	56,8	15 800	32,0
34,0	33,5	49,2	14 500	43,3	53,9	15 000	46,4	55,0	14 500	34,0
36,0	27,4	45,8	13 400	38,5	51,6	13 900	41,9	53,0	13 400	36,0
38,0	19,5	41,2	12 500	33,2	48,8	12 900	37,0	50,5	12 500	38,0
40,0				26,9	45,3	12 000	31,4	47,6	11 600	40,0
42,0				18,9	40,6	11 200	24,8	43,8	10 800	42,0
44,0							15,7	38,4	10 100	44,0
46,0										46,0
48,0										48,0

MLC165-1 S-2

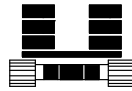
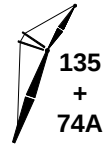
ASME B30.5



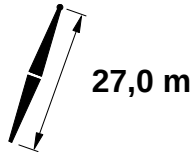
56 000 kg
+
20 450 kg



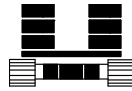
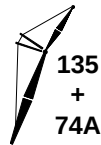
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	62,4	60,4	18 000							26,0
28,0	58,8	59,2	16 400							28,0
30,0	55,1	57,9	15 000							30,0
32,0	51,2	56,4	13 800	55,5	57,3	13 000				32,0
34,0	47,0	54,7	12 700	51,6	55,9	12 000				34,0
36,0	42,6	52,7	11 800	47,5	54,2	11 100				36,0
38,0	37,7	50,3	10 900	43,1	52,2	10 300	47,8	53,3	9 700	38,0
40,0	32,3	47,5	10 200	38,3	49,9	9 600	43,5	51,4	9 000	40,0
42,0	25,8	43,9	9 500	32,9	47,1	9 000	38,7	49,1	8 400	42,0
44,0	17,3	38,8	8 900	26,6	43,6	8 400	33,4	46,3	7 900	44,0
46,0				18,4	38,7	7 800	27,1	42,9	7 400	46,0
48,0							19,2	38,2	6 900	48,0



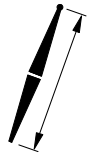
56 000 kg
+
20 450 kg



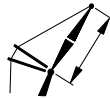
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2	72,8	66,8	22 400 b							15,2
16,0	71,6	66,6	22 200 b							16,0
18,0	68,6	65,9	21 700							18,0
20,0	65,4	65,0	21 100	68,4	65,6	21 900				20,0
22,0	62,2	64,0	20 600	65,2	64,7	21 400				22,0
24,0	58,9	62,9	19 900	62,0	63,7	20 900	64,2	64,2	20 700	24,0
26,0	55,4	61,6	18 900	58,7	62,6	19 500	61,0	63,2	18 900	26,0
28,0	51,8	60,1	18 000	55,2	61,3	17 700	57,6	62,0	17 200	28,0
30,0	48,1	58,4	16 900	51,6	59,8	16 200	54,1	60,6	15 700	30,0
32,0	44,0	56,5	15 600	47,8	58,1	14 900	50,5	59,1	14 400	32,0
34,0	39,7	54,3	14 400	43,8	56,2	13 800	46,6	57,3	13 300	34,0
36,0	34,9	51,7	13 400	39,4	53,9	12 800	42,5	55,3	12 400	36,0
38,0	29,5	48,5	12 400	34,6	51,3	11 900	38,0	52,9	11 500	38,0
40,0	23,0	44,4	11 600	29,1	48,1	11 100	33,0	50,1	10 700	40,0
42,0	13,8	38,4	10 800	22,5	43,9	10 400	27,3	46,7	10 000	42,0
44,0				13,0	37,7	9 700	20,1	42,1	9 400	44,0
46,0										46,0
48,0										48,0
50,0										50,0



56 000 kg
+
20 450 kg

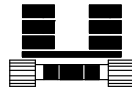
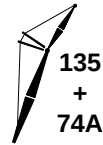


27,0 m

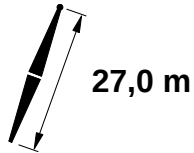


39,6 m

	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0	61,5	62,8	16 300							28,0
30,0	58,1	61,6	14 900							30,0
32,0	54,6	60,3	13 700							32,0
34,0	51,0	58,8	12 600	55,0	59,7	11 900				34,0
36,0	47,2	57,0	11 700	51,4	58,2	11 000				36,0
38,0	43,1	55,0	10 900	47,6	56,5	10 200				38,0
40,0	38,7	52,7	10 100	43,6	54,5	9 500	47,9	55,6	8 900	40,0
42,0	33,8	50,0	9 500	39,2	52,2	8 900	43,9	53,7	8 300	42,0
44,0	28,2	46,7	8 800	34,4	49,6	8 300	39,6	51,5	7 800	44,0
46,0	21,3	42,3	8 300	28,9	46,3	7 800	34,8	48,8	7 300	46,0
48,0				22,1	42,1	7 300	29,3	45,6	6 800	48,0
50,0				12,4	35,7	6 800	22,7	41,5	6 400	50,0



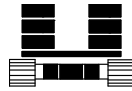
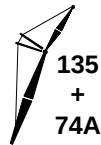
56 000 kg
+
20 450 kg



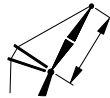
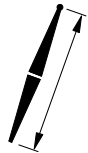
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2	74,1	70,0	21 000 b							15,2
16,0	73,0	69,8	20 800 b							16,0
18,0	70,2	69,1	20 300							18,0
20,0	67,3	68,3	19 900	70,0	68,9	20 400				20,0
22,0	64,3	67,4	19 200	67,1	68,1	20 000				22,0
24,0	61,3	66,4	18 200	64,1	67,2	19 200	66,2	67,6	19 700	24,0
26,0	58,2	65,2	17 200	61,1	66,1	18 300	63,2	66,6	18 800	26,0
28,0	55,0	63,9	16 400	58,0	65,0	17 300	60,2	65,5	17 000	28,0
30,0	51,6	62,4	15 500	54,8	63,6	16 200	57,0	64,3	15 600	30,0
32,0	48,1	60,8	14 700	51,4	62,1	14 800	53,8	62,9	14 300	32,0
34,0	44,4	58,8	14 000	47,9	60,4	13 700	50,4	61,4	13 200	34,0
36,0	40,4	56,6	13 200	44,2	58,5	12 700	46,8	59,6	12 200	36,0
38,0	36,1	54,1	12 300	40,2	56,3	11 800	43,0	57,6	11 400	38,0
40,0	31,2	51,1	11 500	35,8	53,7	11 000	38,9	55,3	10 600	40,0
42,0	25,6	47,4	10 800	30,9	50,7	10 300	34,4	52,6	9 900	42,0
44,0	18,4	42,5	10 100	25,2	46,9	9 600	29,3	49,4	9 300	44,0
46,0				17,9	41,9	9 000	23,2	45,3	8 700	46,0
48,0							15,0	39,6	8 200	48,0
50,0										50,0
52,0										52,0
54,0										54,0

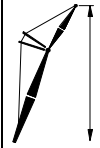
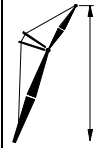
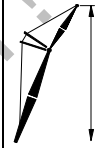
MLC165-1 S-2

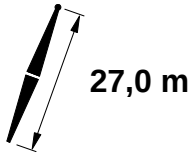
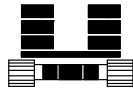
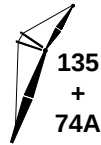
ASME B30.5



56 000 kg
+
20 450 kg



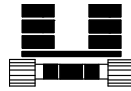
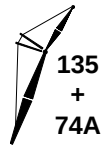
	75°			70°			65°			
										
	m	m	kg	m	m	kg	m	m	kg	m
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0	60,6	65,1	14 700							30,0
32,0	57,5	63,9	13 500							32,0
34,0	54,3	62,6	12 500							34,0
36,0	50,9	61,1	11 500	54,6	62,0	10 800				36,0
38,0	47,3	59,3	10 700	51,3	60,5	10 100				38,0
40,0	43,5	57,3	10 000	47,7	58,8	9 400	51,5	59,6	8 800	40,0
42,0	39,5	55,1	9 300	44,0	56,8	8 700	48,0	57,9	8 200	42,0
44,0	35,1	52,5	8 700	40,0	54,6	8 200	44,3	56,0	7 600	44,0
46,0	30,1	49,3	8 200	35,6	52,0	7 600	40,3	53,8	7 100	46,0
48,0	24,2	45,4	7 700	30,7	49,0	7 200	35,9	51,3	6 700	48,0
50,0	16,4	40,0	7 200	24,9	45,2	6 700	31,1	48,3	6 300	50,0
52,0				17,5	40,0	6 300	25,4	44,5	5 900	52,0
54,0							18,2	39,5	5 500	54,0



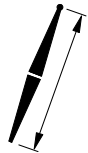
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
16,8	73,2	72,7	19 300 b						16,8	
18,0	71,5	72,3	19 000						18,0	
20,0	68,9	71,6	18 600						20,0	
22,0	66,2	70,8	17 700	68,7	71,4	18 500			22,0	
24,0	63,4	69,9	16 800	66,0	70,5	17 700			24,0	
26,0	60,5	68,8	15 800	63,2	69,6	16 800	65,1	70,0	17 300	26,0
28,0	57,6	67,6	15 000	60,4	68,5	15 900	62,4	69,0	16 500	28,0
30,0	54,6	66,2	14 200	57,4	67,3	15 100	59,5	67,9	15 500	30,0
32,0	51,5	64,7	13 400	54,4	65,9	14 300	56,5	66,7	14 300	32,0
34,0	48,2	63,1	12 700	51,3	64,4	13 500	53,5	65,3	13 200	34,0
36,0	44,7	61,1	12 000	48,0	62,7	12 700	50,3	63,7	12 200	36,0
38,0	41,0	59,0	11 300	44,5	60,8	11 800	46,9	61,9	11 300	38,0
40,0	37,1	56,5	10 800	40,8	58,6	11 000	43,4	59,9	10 600	40,0
42,0	32,7	53,7	10 200	36,8	56,2	10 300	39,6	57,7	9 900	42,0
44,0	27,7	50,2	9 700	32,4	53,3	9 600	35,5	55,1	9 300	44,0
46,0	21,7	45,9	9 200	27,4	49,8	9 000	30,9	52,0	8 700	46,0
48,0	13,4	39,5	8 800	21,3	45,3	8 500	25,6	48,3	8 200	48,0
50,0				12,7	38,8	8 000	19,1	43,4	7 700	50,0
52,0										52,0
54,0										54,0
56,0										56,0

MLC165-1 S-2

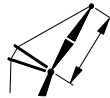
ASME B30.5



56 000 kg
+
20 450 kg

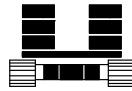
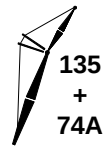


27,0 m

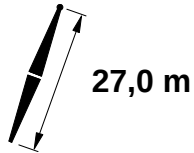


45,7 m

	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	59,9	67,5	13 500							32,0
34,0	57,0	66,3	12 400							34,0
36,0	53,9	64,9	11 500							36,0
38,0	50,7	63,4	10 700	54,3	64,3	10 000				38,0
40,0	47,4	61,6	9 900	51,1	62,8	9 300				40,0
42,0	43,9	59,7	9 300	47,8	61,1	8 700	51,4	61,9	8 100	42,0
44,0	40,2	57,5	8 700	44,3	59,1	8 100	48,1	60,2	7 600	44,0
46,0	36,1	54,9	8 100	40,6	57,0	7 600	44,6	58,3	7 100	46,0
48,0	31,6	51,9	7 600	36,6	54,5	7 100	40,9	56,2	6 600	48,0
50,0	26,5	48,3	7 200	32,2	51,5	6 700	36,9	53,7	6 200	50,0
52,0	20,1	43,7	6 800	27,1	48,0	6 300	32,5	50,8	5 900	52,0
54,0				20,9	43,5	5 900	27,5	47,4	5 500	54,0
56,0				12,1	36,8	5 600	21,5	43,0	5 200	56,0



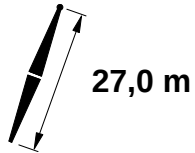
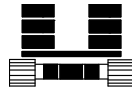
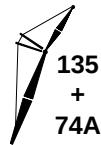
56 000 kg
+
20 450 kg

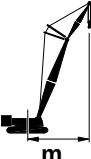
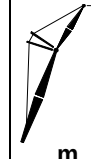


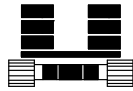
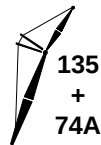
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
16,8	74,2	75,9	18 000 b							16,8
18,0	72,7	75,5	17 700							18,0
20,0	70,2	74,9	17 000							20,0
22,0	67,7	74,1	16 100	70,1	74,6	17 000				22,0
24,0	65,2	73,2	15 300	67,6	73,8	16 100				24,0
26,0	62,5	72,3	14 400	65,0	73,0	15 200	66,8	73,3	15 700	26,0
28,0	59,9	71,2	13 600	62,4	72,0	14 400	64,2	72,4	15 000	28,0
30,0	57,1	69,9	12 800	59,7	70,9	13 600	61,6	71,4	14 200	30,0
32,0	54,3	68,6	12 000	56,9	69,6	12 800	58,9	70,3	13 400	32,0
34,0	51,3	67,0	11 300	54,1	68,3	12 100	56,1	69,0	12 600	34,0
36,0	48,2	65,4	10 700	51,1	66,7	11 400	53,2	67,6	11 900	36,0
38,0	45,0	63,5	10 000	48,0	65,0	10 700	50,2	66,0	11 200	38,0
40,0	41,6	61,3	9 400	44,8	63,1	10 100	47,1	64,2	10 500	40,0
42,0	37,9	58,9	8 800	41,4	61,0	9 400	43,8	62,3	9 800	42,0
44,0	33,9	56,2	8 300	37,7	58,6	8 900	40,3	60,0	9 100	44,0
46,0	29,4	52,9	7 800	33,6	55,8	8 300	36,5	57,5	8 600	46,0
48,0	24,2	49,0	7 400	29,1	52,5	7 900	32,3	54,6	8 100	48,0
50,0	17,6	43,7	6 900	23,8	48,5	7 400	27,6	51,1	7 600	50,0
52,0				17,1	43,1	6 900	22,0	46,8	7 100	52,0
54,0							14,5	40,7	6 700	54,0
56,0										56,0
58,0										58,0
60,0										60,0

MLC165-1 S-2

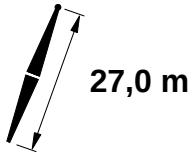
ASME B30.5

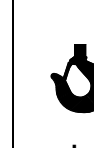
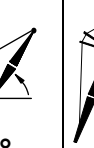
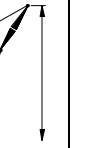
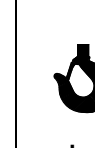


	75°			70°			65°			
										
	m	m	kg	m	kg	m	kg	m	kg	m
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	62,0	71,0	13 300							32,0
34,0	59,3	69,9	12 300							34,0
36,0	56,5	68,6	11 300							36,0
38,0	53,6	67,2	10 500							38,0
40,0	50,6	65,7	9 800	53,9	66,6	9 200				40,0
42,0	47,5	63,9	9 100	51,0	65,1	8 500				42,0
44,0	44,3	62,0	8 600	47,9	63,4	8 000				44,0
46,0	40,8	59,8	8 000	44,6	61,5	7 500	48,1	62,5	6 900	46,0
48,0	37,0	57,3	7 500	41,2	59,3	7 000	44,9	60,7	6 500	48,0
50,0	32,9	54,5	7 100	37,5	56,9	6 600	41,5	58,5	6 100	50,0
52,0	28,3	51,1	6 600	33,4	54,1	6 200	37,8	56,1	5 700	52,0
54,0	22,9	46,9	6 300	28,9	50,7	5 800	33,8	53,3	5 400	54,0
56,0	15,8	41,2	5 900	23,6	46,7	5 500	29,3	50,1	5 000	56,0
58,0				16,7	41,2	5 100	24,0	46,1	4 700	58,0
60,0							17,4	40,8	4 400	60,0



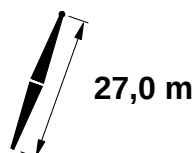
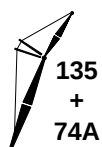
56 000 kg
+
20 450 kg

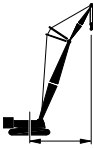
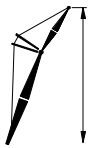
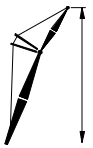
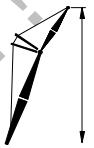
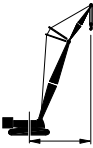


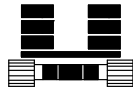
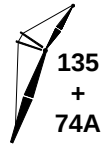
	87°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
18,3	73,4	78,6	16 400							18,3
20,0	71,5	78,1	15 700							20,0
22,0	69,1	77,4	14 900							22,0
24,0	66,7	76,6	14 000	69,0	77,1	14 800				24,0
26,0	64,3	75,7	13 200	66,6	76,3	14 000				26,0
28,0	61,8	74,6	12 400	64,1	75,4	13 200	65,8	75,8	13 700	28,0
30,0	59,3	73,5	11 700	61,6	74,4	12 400	63,4	74,8	12 900	30,0
32,0	56,7	72,3	11 000	59,1	73,2	11 700	60,9	73,8	12 200	32,0
34,0	54,0	70,9	10 300	56,5	72,0	11 000	58,3	72,6	11 500	34,0
36,0	51,2	69,3	9 600	53,8	70,6	10 300	55,7	71,3	10 800	36,0
38,0	48,3	67,7	9 000	51,0	69,0	9 700	53,0	69,9	10 100	38,0
40,0	45,2	65,8	8 400	48,1	67,3	9 000	50,1	68,3	9 500	40,0
42,0	42,0	63,7	7 900	45,0	65,4	8 500	47,2	66,5	8 900	42,0
44,0	38,6	61,3	7 400	41,8	63,3	7 900	44,1	64,6	8 300	44,0
46,0	34,9	58,6	6 900	38,4	60,9	7 400	40,8	62,4	7 800	46,0
48,0	30,9	55,5	6 300	34,7	58,2	6 900	37,3	59,9	7 300	48,0
50,0	26,2	51,9	5 800	30,6	55,1	6 300	33,5	57,1	6 700	50,0
52,0	20,7	47,3	5 300	25,9	51,4	5 800	29,2	53,8	6 200	52,0
54,0	13,0	40,7	4 800	20,3	46,7	5 200	24,3	49,9	5 600	54,0
56,0				12,4	39,9	4 800	18,2	44,7	5 100	56,0
58,0										58,0
60,0										60,0
62,0										62,0
64,0										64,0

MLC165-1 S-2

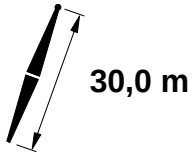
ASME B30.5

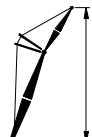
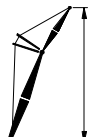


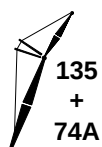
	 75°			 70°			 65°			
 m	 m	 m	 kg	 m	 m	 kg	 m	 m	 kg	 m
18,3										18,3
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0	61,2	73,4	12 100							34,0
36,0	58,7	72,2	11 200							36,0
38,0	56,1	70,9	10 400							38,0
40,0	53,4	69,5	9 700	56,4	70,3	9 100				40,0
42,0	50,5	68,0	9 000	53,7	68,9	8 400				42,0
44,0	47,6	66,2	8 500	50,9	67,4	7 900				44,0
46,0	44,5	64,3	7 900	48,0	65,7	7 400	51,1	66,5	6 800	46,0
48,0	41,3	62,1	7 400	44,9	63,8	6 900	48,2	64,8	6 400	48,0
50,0	37,8	59,7	7 000	41,7	61,6	6 500	45,1	63,0	6 000	50,0
52,0	34,1	57,0	6 600	38,2	59,3	6 100	41,9	60,9	5 600	52,0
54,0	29,9	53,8	6 200	34,5	56,5	5 700	38,5	58,5	5 300	54,0
56,0	25,1	49,9	5 700	30,4	53,4	5 400	34,8	55,8	4 900	56,0
58,0	19,2	45,0	5 200	25,7	49,6	5 100	30,7	52,7	4 600	58,0
60,0				20,0	44,9	4 800	26,1	49,0	4 400	60,0
62,0				11,9	37,9	4 500	20,5	44,3	4 100	62,0
64,0							12,7	37,6	3 800	64,0



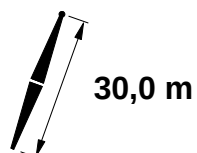
56 000 kg
+
20 450 kg

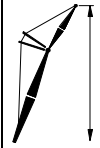
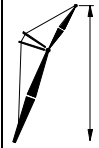
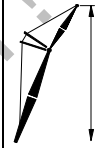


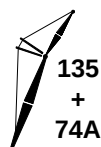
	 87°			 83°			 80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
9,8	73,4	52,4	46 300 d							9,8
10,0	72,8	52,3	46 300 d							10,0
12,0	67,0	51,6	45 800 c							12,0
14,0	61,1	50,6	39 600 b	67,3	51,4	43 700 c				14,0
16,0	54,7	49,4	34 800 b	61,3	50,4	36 700 c				16,0
18,0	47,8	47,8	31 200	55,0	49,2	31 600 b	59,9	49,9	30 700 b	18,0
20,0	40,1	45,7	28 300	48,1	47,6	27 600 b	53,5	48,6	26 800 b	20,0
22,0	30,8	42,9	25 600	40,4	45,6	24 500	46,5	46,9	23 800 b	22,0
24,0	17,7	38,4	22 800	31,2	42,8	22 000	38,5	44,7	21 300	24,0
26,0							28,8	41,7	19 200	26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0



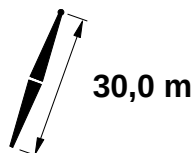
56 000 kg
+
20 450 kg



	75°			70°			65°			
										
	m	m	kg	m	m	kg	m	m	kg	m
9,8										9,8
10,0										10,0
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0	61,6	49,6	25 400 c							20,0
22,0	55,3	48,4	22 500 b							22,0
24,0	48,4	46,8	20 200							24,0
26,0	40,8	44,8	18 200	50,1	46,4	17 200 b				26,0
28,0	31,7	42,0	16 600	42,7	44,5	15 600				28,0
30,0	19,1	37,8	15 100	34,0	41,9	14 300	44,2	43,8	13 500	30,0
32,0				22,7	38,2	13 100	35,9	41,4	12 400	32,0
34,0							25,3	38,1	11 400	34,0



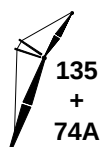
56 000 kg
+
20 450 kg



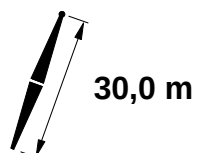
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
10,4	74,1	55,4	42 400 d							10,4
12,0	70,0	54,9	42 400 c							12,0
14,0	64,9	54,0	40 000 b	70,2	54,7	42 400 c				14,0
16,0	59,6	53,0	34 800 b	65,2	53,9	36 700 c				16,0
18,0	54,0	51,7	31 000	59,9	52,8	31 400 b	64,0	53,4	30 500 b	18,0
20,0	48,0	50,1	28 100	54,3	51,5	27 500 b	58,6	52,3	26 600 b	20,0
22,0	41,3	48,0	25 500	48,2	49,9	24 400	52,9	50,9	23 600 b	22,0
24,0	33,5	45,4	22 800	41,6	47,9	21 900	46,8	49,2	21 200	24,0
26,0	23,7	41,8	20 600	33,9	45,3	19 800	39,9	47,1	19 100	26,0
28,0				24,2	41,7	18 000	31,9	44,4	17 400	28,0
30,0							21,4	40,4	15 900	30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0										38,0

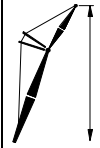
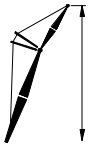
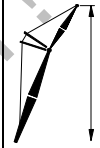
MLC165-1 S-2

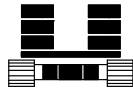
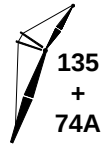
ASME B30.5



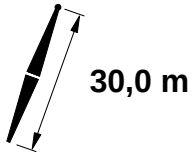
56 000 kg
+
20 450 kg

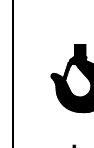
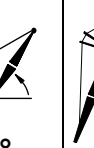
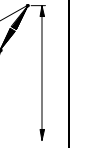


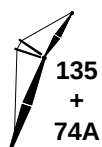
	75°			70°			65°			
										
	m	m	kg	m	m	kg	m	m	kg	m
10,4										10,4
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0	60,1	52,0	22 400 b							22,0
24,0	54,5	50,7	20 000							24,0
26,0	48,5	49,1	18 100	55,9	50,2	17 000 b				26,0
28,0	41,9	47,1	16 400	50,0	48,7	15 500				28,0
30,0	34,2	44,6	15 000	43,5	46,8	14 200				30,0
32,0	24,7	41,0	13 800	36,2	44,4	13 000	44,9	46,1	12 200	32,0
34,0				27,2	41,2	12 000	37,7	43,9	11 300	34,0
36,0				13,8	35,8	11 100	29,2	40,8	10 400	36,0
38,0							17,3	36,2	9 700	38,0



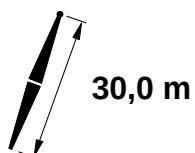
56 000 kg
+
20 450 kg

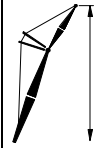
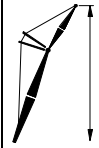
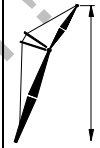


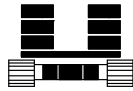
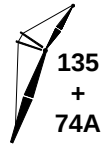
	87°			83°			80°			
										
	m	°	m	kg	m	°	m	kg	m	m
11,0	74,6	58,4	38 500 d							11,0
12,0	72,3	58,1	38 400 c							12,0
14,0	67,9	57,4	37 700 c							14,0
16,0	63,3	56,5	35 000 b	68,1	57,2	36 600 c				16,0
18,0	58,5	55,4	31 100	63,5	56,3	31 400 b				18,0
20,0	53,5	54,0	28 000	58,7	55,2	27 500 b	62,4	55,8	26 600 b	20,0
22,0	48,1	52,4	25 500	53,7	53,8	24 300	57,6	54,6	23 500 b	22,0
24,0	42,2	50,4	22 800	48,3	52,2	21 800	52,5	53,2	21 100	24,0
26,0	35,5	47,9	20 600	42,4	50,2	19 700	47,0	51,5	19 100	26,0
28,0	27,5	44,6	18 700	35,8	47,8	18 000	41,0	49,5	17 400	28,0
30,0	16,3	39,7	17 100	27,9	44,6	16 400	34,2	46,9	15 900	30,0
32,0				16,9	39,7	15 100	25,8	43,4	14 600	32,0
34,0										34,0
36,0										36,0
38,0										38,0
40,0										40,0



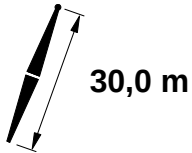
56 000 kg
+
20 450 kg



	75°			70°			65°			
										
	m	m	kg	m	m	kg	m	m	kg	m
11,0										11,0
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0	58,9	54,3	19 900 b							24,0
26,0	53,9	53,0	18 000							26,0
28,0	48,6	51,4	16 400	55,1	52,5	15 400				28,0
30,0	42,7	49,4	15 000	49,9	51,0	14 100				30,0
32,0	36,1	47,0	13 800	44,2	49,1	13 000	50,9	50,2	12 100	32,0
34,0	28,3	43,8	12 700	37,8	46,8	12 000	45,3	48,4	11 200	34,0
36,0	17,5	39,1	11 800	30,3	43,8	11 100	39,1	46,2	10 400	36,0
38,0				20,6	39,6	10 300	31,9	43,4	9 600	38,0
40,0							22,8	39,6	9 000	40,0



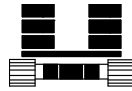
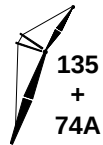
56 000 kg
+
20 450 kg



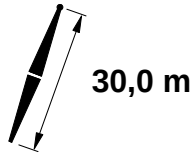
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
11,6	75,0	61,4	35 000 c						11,6	
12,0	74,1	61,3	34 900 c						12,0	
14,0	70,2	60,6	34 300 c						14,0	
16,0	66,1	59,8	32 300 b						16,0	
18,0	62,0	58,9	30 600	66,3	59,6	31 200 b			18,0	
20,0	57,6	57,7	28 100	62,1	58,7	27 300 b	65,4	59,2	26 400 b	20,0
22,0	53,0	56,3	25 400	57,8	57,5	24 200	61,2	58,2	23 400 b	22,0
24,0	48,2	54,7	22 700	53,2	56,1	21 700	56,8	57,0	21 000	24,0
26,0	42,9	52,7	20 500	48,4	54,5	19 600	52,2	55,5	18 900	26,0
28,0	37,1	50,3	18 700	43,1	52,6	17 800	47,2	53,8	17 200	28,0
30,0	30,3	47,3	17 100	37,3	50,2	16 300	41,9	51,8	15 800	30,0
32,0	21,7	43,2	15 700	30,6	47,2	15 000	35,9	49,3	14 500	32,0
34,0				22,1	43,2	13 900	28,8	46,2	13 400	34,0
36,0							19,7	41,7	12 400	36,0
38,0										38,0
40,0										40,0
42,0										42,0
44,0										44,0

MLC165-1 S-2

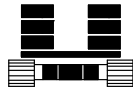
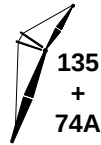
ASME B30.5



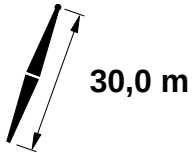
56 000 kg
+
20 450 kg



	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
11,6										11,6
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	58,0	56,7	17 800							26,0
28,0	53,4	55,3	16 200							28,0
30,0	48,6	53,7	14 800	54,5	54,8	13 900				30,0
32,0	43,4	51,8	13 600	49,8	53,3	12 800				32,0
34,0	37,6	49,4	12 600	44,7	51,4	11 800	50,8	52,5	11 000	34,0
36,0	30,9	46,5	11 700	39,0	49,2	10 900	45,7	50,8	10 200	36,0
38,0	22,5	42,5	10 800	32,6	46,4	10 200	40,2	48,6	9 500	38,0
40,0				24,8	42,8	9 400	34,0	46,0	8 800	40,0
42,0				13,2	36,9	8 800	26,5	42,5	8 200	42,0
44,0							16,1	37,4	7 700	44,0



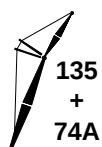
56 000 kg
+
20 450 kg



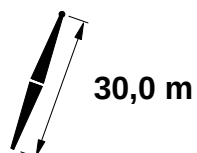
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
13,7	72,6	64,0	31 900 c						13,7	
14,0	72,1	63,9	31 700 c						14,0	
16,0	68,4	63,1	30 300 b						16,0	
18,0	64,7	62,3	28 900	68,6	62,9	30 600 b			18,0	
20,0	60,9	61,2	27 600	64,9	62,1	27 300			20,0	
22,0	56,9	60,0	25 400	61,0	61,1	24 200	64,0	61,6	23 400 b	22,0
24,0	52,7	58,6	22 700	57,0	59,9	21 700	60,1	60,5	20 900	24,0
26,0	48,2	57,0	20 500	52,9	58,5	19 600	56,1	59,3	18 900	26,0
28,0	43,5	55,0	18 700	48,4	56,8	17 800	51,9	57,8	17 200	28,0
30,0	38,3	52,7	17 100	43,7	54,9	16 300	47,4	56,1	15 800	30,0
32,0	32,3	49,9	15 700	38,5	52,6	15 000	42,6	54,1	14 500	32,0
34,0	25,2	46,3	14 500	32,6	49,8	13 900	37,2	51,7	13 400	34,0
36,0	15,4	40,9	13 500	25,6	46,2	12 900	31,1	48,8	12 400	36,0
38,0				15,9	40,9	12 000	23,7	44,9	11 600	38,0
40,0										40,0
42,0										42,0
44,0										44,0
46,0										46,0

MLC165-1 S-2

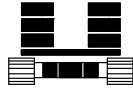
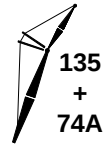
ASME B30.5



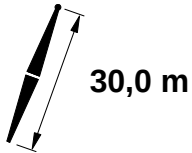
56 000 kg
+
20 450 kg



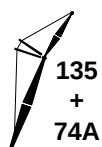
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	61,2	60,2	17 800							26,0
28,0	57,2	59,0	16 200							28,0
30,0	53,0	57,6	14 800							30,0
32,0	48,6	56,0	13 600	54,1	57,1	12 800				32,0
34,0	43,9	54,1	12 600	49,7	55,6	11 800				34,0
36,0	38,7	51,8	11 700	45,1	53,7	10 900	50,6	54,8	10 200	36,0
38,0	32,9	49,0	10 900	40,0	51,6	10 200	46,0	53,1	9 500	38,0
40,0	25,9	45,5	10 100	34,4	48,9	9 500	41,1	51,0	8 800	40,0
42,0	16,4	40,3	9 400	27,7	45,6	8 800	35,5	48,4	8 200	42,0
44,0				19,1	41,0	8 300	29,1	45,3	7 700	44,0
46,0							21,1	41,0	7 200	46,0



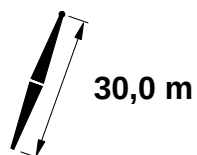
56 000 kg
+
20 450 kg



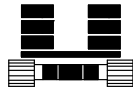
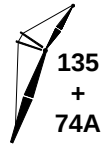
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
13,7	74,1	67,1	29 200 c							13,7
14,0	73,6	67,0	29 100 c							14,0
16,0	70,3	66,4	28 000 b							16,0
18,0	66,9	65,6	26 700							18,0
20,0	63,5	64,7	25 400	67,1	65,4	26 800				20,0
22,0	59,9	63,6	24 200	63,6	64,5	24 100	66,3	65,0	23 300	22,0
24,0	56,2	62,4	22 600	60,1	63,4	21 500	62,8	64,0	20 800	24,0
26,0	52,4	60,9	20 400	56,4	62,2	19 500	59,3	62,9	18 800	26,0
28,0	48,3	59,3	18 500	52,5	60,8	17 700	55,5	61,6	17 100	28,0
30,0	44,0	57,3	17 000	48,5	59,1	16 200	51,6	60,1	15 600	30,0
32,0	39,2	55,1	15 600	44,1	57,2	14 900	47,5	58,4	14 400	32,0
34,0	34,0	52,4	14 500	39,4	55,0	13 800	43,1	56,5	13 300	34,0
36,0	27,9	49,1	13 400	34,2	52,3	12 800	38,3	54,1	12 300	36,0
38,0	20,2	44,6	12 500	28,2	49,0	11 900	32,9	51,3	11 500	38,0
40,0				20,6	44,6	11 100	26,6	47,9	10 700	40,0
42,0							18,4	43,0	10 000	42,0
44,0										44,0
46,0										46,0
48,0										48,0
50,0										50,0



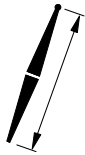
56 000 kg
+
20 450 kg



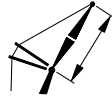
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0	60,2	62,6	16 100							28,0
30,0	56,6	61,4	14 700							30,0
32,0	52,7	59,9	13 500	57,5	60,8	12 600				32,0
34,0	48,7	58,3	12 500	53,7	59,5	11 600				34,0
36,0	44,3	56,4	11 500	49,7	57,9	10 800				36,0
38,0	39,7	54,2	10 700	45,4	56,0	10 000				38,0
40,0	34,5	51,5	10 000	40,8	53,9	9 300	46,3	55,4	8 700	40,0
42,0	28,5	48,3	9 300	35,8	51,4	8 700	41,8	53,3	8 100	42,0
44,0	21,0	43,9	8 700	30,0	48,3	8 100	36,8	50,9	7 500	44,0
46,0				23,0	44,3	7 600	31,2	47,9	7 100	46,0
48,0				12,7	38,0	7 100	24,5	44,1	6 600	48,0
50,0							15,3	38,6	6 200	50,0



56 000 kg
+
20 450 kg

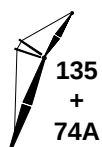


30,0 m

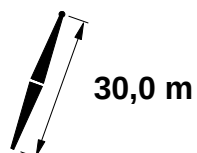


39,6 m

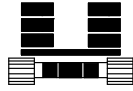
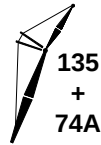
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2	73,0	69,9	22 000 b							15,2
16,0	71,9	69,6	21 800 b							16,0
18,0	68,8	68,9	21 300							18,0
20,0	65,7	68,1	20 800	68,9	68,7	21 600				20,0
22,0	62,5	67,1	20 400	65,8	67,9	21 200				22,0
24,0	59,1	66,0	19 800	62,6	66,9	20 800	65,1	67,4	20 500	24,0
26,0	55,7	64,7	18 900	59,3	65,8	19 400	61,8	66,4	18 700	26,0
28,0	52,1	63,2	18 000	55,8	64,5	17 600	58,5	65,2	17 000	28,0
30,0	48,4	61,6	16 900	52,3	63,1	16 100	55,1	63,9	15 500	30,0
32,0	44,4	59,7	15 600	48,5	61,4	14 800	51,4	62,4	14 300	32,0
34,0	40,1	57,5	14 400	44,5	59,5	13 700	47,6	60,7	13 200	34,0
36,0	35,3	54,9	13 300	40,2	57,3	12 700	43,6	58,8	12 200	36,0
38,0	30,0	51,8	12 400	35,5	54,8	11 800	39,2	56,5	11 400	38,0
40,0	23,5	47,8	11 600	30,2	51,7	11 000	34,4	53,8	10 600	40,0
42,0	14,7	42,0	10 800	23,8	47,7	10 300	28,9	50,6	9 900	42,0
44,0				15,2	42,1	9 600	22,2	46,4	9 300	44,0
46,0										46,0
48,0										48,0
50,0										50,0
52,0										52,0



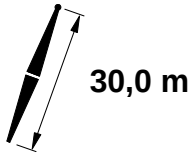
56 000 kg
+
20 450 kg



	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0	59,4	65,0	14 600							30,0
32,0	56,0	63,7	13 400							32,0
34,0	52,4	62,2	12 400	56,8	63,2	11 500				34,0
36,0	48,7	60,6	11 400	53,3	61,8	10 700				36,0
38,0	44,7	58,7	10 600	49,6	60,2	9 900				38,0
40,0	40,4	56,5	9 900	45,7	58,3	9 200	50,4	59,4	8 600	40,0
42,0	35,8	54,0	9 300	41,5	56,2	8 600	46,5	57,7	8 000	42,0
44,0	30,5	50,9	8 700	36,9	53,8	8 000	42,3	55,6	7 400	44,0
46,0	24,2	47,0	8 100	31,8	50,9	7 500	37,9	53,3	7 000	46,0
48,0	15,6	41,5	7 600	25,8	47,2	7 100	32,9	50,4	6 500	48,0
50,0				18,0	42,3	6 600	27,1	47,0	6 100	50,0
52,0							19,8	42,4	5 700	52,0



56 000 kg
+
20 450 kg



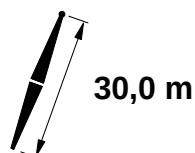
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2	74,3	73,0	20 700 b							15,2
16,0	73,2	72,8	20 500 b							16,0
18,0	70,4	72,2	20 000							18,0
20,0	67,5	71,4	19 600	70,5	72,0	20 100				20,0
22,0	64,6	70,5	19 000	67,6	71,2	19 800				22,0
24,0	61,6	69,5	18 200	64,7	70,3	19 200				24,0
26,0	58,5	68,3	17 200	61,7	69,3	18 300	64,0	69,8	18 600	26,0
28,0	55,2	67,0	16 400	58,6	68,1	17 400	61,0	68,8	16 800	28,0
30,0	51,9	65,5	15 500	55,4	66,8	16 000	57,9	67,6	15 400	30,0
32,0	48,4	63,9	14 800	52,0	65,4	14 700	54,6	66,3	14 200	32,0
34,0	44,7	62,0	14 000	48,6	63,7	13 600	51,3	64,7	13 100	34,0
36,0	40,8	59,8	13 200	44,9	61,8	12 600	47,7	63,0	12 100	36,0
38,0	36,4	57,3	12 300	40,9	59,7	11 700	44,0	61,1	11 200	38,0
40,0	31,6	54,3	11 500	36,6	57,2	10 900	40,0	58,9	10 500	40,0
42,0	26,1	50,7	10 700	31,9	54,2	10 200	35,6	56,3	9 800	42,0
44,0	19,1	45,9	10 000	26,3	50,7	9 600	30,7	53,2	9 200	44,0
46,0				19,4	45,9	9 000	24,9	49,4	8 600	46,0
48,0							17,5	44,3	8 100	48,0
50,0										50,0
52,0										52,0
54,0										54,0
56,0										56,0

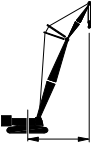
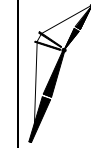
MLC165-1 S-2

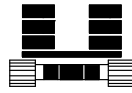
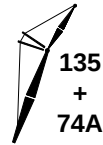
ASME B30.5



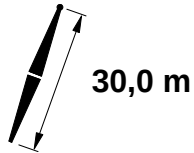
56 000 kg
+
20 450 kg



	75°			70°			65°			
	 m	 m	 kg	 m	 m	 kg	 m	 m	 kg	 m
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	58,7	67,3	13 200							32,0
34,0	55,5	66,0	12 200							34,0
36,0	52,2	64,6	11 300	56,3	65,5	10 500				36,0
38,0	48,7	62,9	10 500	53,0	64,1	9 700				38,0
40,0	45,0	61,0	9 800	49,6	62,5	9 100				40,0
42,0	41,1	58,9	9 100	45,9	60,7	8 500	50,3	61,7	7 800	42,0
44,0	36,8	56,4	8 500	42,1	58,6	7 900	46,7	60,0	7 300	44,0
46,0	32,1	53,5	8 000	37,9	56,2	7 400	42,9	58,0	6 800	46,0
48,0	26,6	49,9	7 500	33,3	53,4	6 900	38,7	55,6	6 400	48,0
50,0	19,8	45,3	7 000	28,0	50,0	6 500	34,2	52,9	6 000	50,0
52,0				21,6	45,7	6 100	29,1	49,7	5 600	52,0
54,0				12,4	39,1	5 700	23,0	45,6	5 300	54,0
56,0							14,7	39,7	4 900	56,0



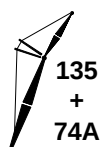
56 000 kg
+
20 450 kg



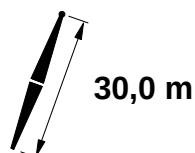
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
16,8	73,4	75,8	19 000 b						16,8	
18,0	71,7	75,4	18 700						18,0	
20,0	69,1	74,7	18 300						20,0	
22,0	66,4	73,8	17 600	69,2	74,5	18 400			22,0	
24,0	63,6	72,9	16 700	66,5	73,7	17 700			24,0	
26,0	60,8	71,9	15 800	63,7	72,7	16 800	65,9	73,2	17 400	26,0
28,0	57,9	70,7	15 000	60,9	71,7	16 000	63,1	72,2	16 600	28,0
30,0	54,8	69,3	14 200	58,0	70,5	15 200	60,2	71,1	15 400	30,0
32,0	51,7	67,8	13 500	55,0	69,2	14 400	57,3	69,9	14 100	32,0
34,0	48,4	66,2	12 700	51,8	67,7	13 600	54,3	68,6	13 000	34,0
36,0	45,0	64,3	12 000	48,6	66,0	12 500	51,1	67,1	12 100	36,0
38,0	41,3	62,2	11 400	45,1	64,1	11 700	47,8	65,3	11 200	38,0
40,0	37,4	59,7	10 800	41,5	62,0	10 900	44,3	63,4	10 400	40,0
42,0	33,0	56,9	10 300	37,6	59,6	10 200	40,6	61,2	9 800	42,0
44,0	28,1	53,5	9 700	33,2	56,8	9 500	36,6	58,7	9 100	44,0
46,0	22,2	49,2	9 300	28,3	53,4	8 900	32,2	55,8	8 600	46,0
48,0	14,2	43,2	8 700	22,5	49,2	8 400	27,1	52,3	8 100	48,0
50,0				14,6	43,2	7 900	21,0	47,8	7 600	50,0
52,0										52,0
54,0										54,0
56,0										56,0
58,0										58,0

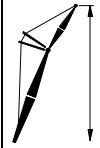
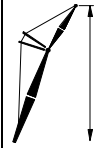
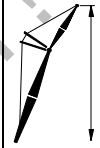
MLC165-1 S-2

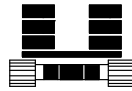
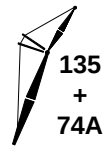
ASME B30.5



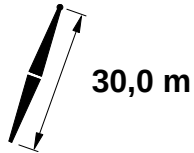
56 000 kg
+
20 450 kg



	75°			70°			65°			
	 m	 m	 kg	 m	 m	 kg	 m	 m	 kg	 m
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	61,0	70,8	13 200							32,0
34,0	58,1	69,7	12 200							34,0
36,0	55,1	68,3	11 300							36,0
38,0	52,0	66,9	10 400	55,8	67,8	9 700				38,0
40,0	48,7	65,2	9 700	52,7	66,4	9 000				40,0
42,0	45,3	63,3	9 100	49,5	64,8	8 400				42,0
44,0	41,7	61,2	8 500	46,1	63,0	7 900	50,2	64,0	7 200	44,0
46,0	37,7	58,8	8 000	42,6	60,9	7 400	46,8	62,3	6 800	46,0
48,0	33,4	56,0	7 500	38,7	58,6	6 900	43,3	60,3	6 300	48,0
50,0	28,6	52,7	7 000	34,5	55,9	6 500	39,5	58,0	5 900	50,0
52,0	22,8	48,5	6 600	29,8	52,7	6 100	35,4	55,4	5 600	52,0
54,0	15,0	42,7	6 200	24,3	48,8	5 700	30,8	52,3	5 200	54,0
56,0				17,2	43,5	5 400	25,4	48,6	4 900	56,0
58,0							18,8	43,7	4 600	58,0



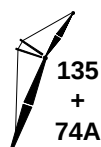
56 000 kg
+
20 450 kg



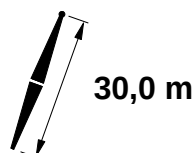
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
16,8	74,4	78,9	17 700 b						16,8	
18,0	72,9	78,6	17 400						18,0	
20,0	70,4	77,9	16 900						20,0	
22,0	67,9	77,2	16 100						22,0	
24,0	65,4	76,3	15 200	68,0	77,0	16 100			24,0	
26,0	62,8	75,3	14 400	65,5	76,1	15 300	67,5	76,5	15 800	26,0
28,0	60,1	74,2	13 600	62,9	75,1	14 500	64,9	75,6	15 100	28,0
30,0	57,3	73,0	12 800	60,2	74,0	13 700	62,3	74,6	14 300	30,0
32,0	54,5	71,7	12 100	57,4	72,8	12 900	59,6	73,5	13 500	32,0
34,0	51,5	70,2	11 400	54,6	71,5	12 200	56,8	72,3	12 800	34,0
36,0	48,5	68,5	10 700	51,7	70,0	11 500	54,0	70,9	11 900	36,0
38,0	45,3	66,6	10 100	48,6	68,3	10 800	51,0	69,4	11 100	38,0
40,0	41,9	64,5	9 500	45,4	66,4	10 200	47,9	67,6	10 300	40,0
42,0	38,2	62,1	8 900	42,0	64,4	9 600	44,6	65,7	9 600	42,0
44,0	34,2	59,4	8 400	38,4	62,0	9 000	41,2	63,6	9 000	44,0
46,0	29,8	56,2	7 900	34,4	59,3	8 500	37,5	61,1	8 500	46,0
48,0	24,6	52,3	7 400	30,0	56,1	8 000	33,4	58,3	7 900	48,0
50,0	18,2	47,2	7 000	24,9	52,2	7 500	28,9	55,0	7 500	50,0
52,0				18,5	47,2	7 100	23,6	51,0	7 000	52,0
54,0							16,8	45,5	6 600	54,0
56,0										56,0
58,0										58,0
60,0										60,0
62,0										62,0

MLC165-1 S-2

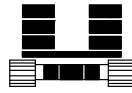
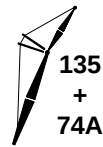
ASME B30.5



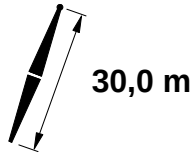
56 000 kg
+
20 450 kg



	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	63,0	74,3	13 000							32,0
34,0	60,3	73,2	12 000							34,0
36,0	57,6	72,0	11 100							36,0
38,0	54,7	70,7	10 300							38,0
40,0	51,8	69,2	9 600	55,4	70,1	8 900				40,0
42,0	48,7	67,5	8 900	52,5	68,7	8 300				42,0
44,0	45,5	65,6	8 400	49,5	67,1	7 700				44,0
46,0	42,2	63,6	7 800	46,3	65,3	7 200	50,1	66,3	6 600	46,0
48,0	38,5	61,2	7 300	43,0	63,2	6 800	47,0	64,6	6 200	48,0
50,0	34,6	58,5	6 900	39,4	61,0	6 300	43,7	62,6	5 800	50,0
52,0	30,2	55,4	6 500	35,5	58,3	6 000	40,1	60,4	5 400	52,0
54,0	25,1	51,5	6 100	31,3	55,3	5 600	36,3	57,8	5 100	54,0
56,0	18,8	46,6	5 700	26,4	51,7	5 300	32,2	54,9	4 800	56,0
58,0				20,5	47,1	4 900	27,4	51,4	4 500	58,0
60,0				12,1	40,2	4 600	21,8	47,0	4 200	60,0
62,0							14,2	40,9	3 900	62,0



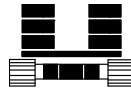
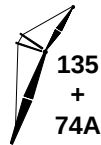
56 000 kg
+
20 450 kg



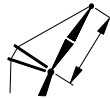
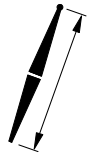
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
18,3	73,6	81,7	16 200							18,3
20,0	71,6	81,1	15 600							20,0
22,0	69,3	80,4	14 800							22,0
24,0	66,9	79,6	14 000	69,4	80,2	14 800				24,0
26,0	64,5	78,7	13 200	67,0	79,4	14 000				26,0
28,0	62,0	77,7	12 400	64,6	78,5	13 300	66,5	79,0	13 800	28,0
30,0	59,5	76,6	11 700	62,1	77,5	12 500	64,0	78,0	13 100	30,0
32,0	56,9	75,3	11 000	59,6	76,4	11 800	61,5	77,0	12 300	32,0
34,0	54,2	74,0	10 300	57,0	75,2	11 100	59,0	75,9	11 600	34,0
36,0	51,4	72,5	9 700	54,3	73,8	10 400	56,4	74,6	11 000	36,0
38,0	48,5	70,8	9 000	51,5	72,3	9 800	53,7	73,2	10 300	38,0
40,0	45,5	68,9	8 500	48,6	70,6	9 200	50,9	71,7	9 600	40,0
42,0	42,3	66,8	7 900	45,6	68,8	8 500	48,0	69,9	9 000	42,0
44,0	38,9	64,5	7 400	42,4	66,7	8 000	44,9	68,0	8 500	44,0
46,0	35,2	61,8	6 900	39,0	64,4	7 500	41,7	65,9	7 900	46,0
48,0	31,2	58,8	6 400	35,4	61,7	7 000	38,2	63,5	7 400	48,0
50,0	26,6	55,2	5 800	31,4	58,7	6 400	34,5	60,8	6 900	50,0
52,0	21,1	50,7	5 300	26,8	55,1	5 800	30,4	57,7	6 300	52,0
54,0	13,8	44,3	4 800	21,4	50,6	5 300	25,7	53,9	5 700	54,0
56,0				14,1	44,4	4 900	20,0	49,2	5 200	56,0
58,0										58,0
60,0										60,0
62,0										62,0
64,0										64,0

MLC165-1 S-2

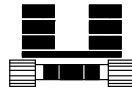
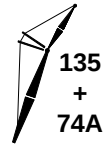
ASME B30.5



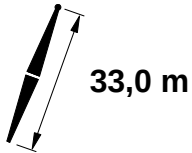
56 000 kg
+
20 450 kg

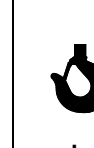
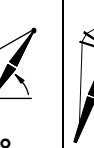
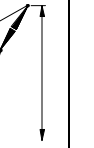


	75°			70°			65°			
	m	m	kg	m	kg	m	kg	m	kg	m
18,3										18,3
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0	62,2	76,7	11 900							34,0
36,0	59,7	75,6	11 000							36,0
38,0	57,1	74,3	10 200							38,0
40,0	54,4	73,0	9 500							40,0
42,0	51,6	71,5	8 800	55,1	72,5	8 200				42,0
44,0	48,8	69,8	8 300	52,3	71,0	7 600				44,0
46,0	45,8	68,0	7 700	49,5	69,4	7 100				46,0
48,0	42,6	65,9	7 200	46,5	67,6	6 700	50,0	68,6	6 100	48,0
50,0	39,2	63,6	6 800	43,4	65,6	6 200	47,1	66,9	5 700	50,0
52,0	35,6	61,0	6 400	40,0	63,3	5 900	44,0	64,9	5 300	52,0
54,0	31,6	57,9	6 000	36,5	60,8	5 500	40,7	62,7	5 000	54,0
56,0	27,0	54,4	5 700	32,5	57,9	5 200	37,2	60,2	4 700	56,0
58,0	21,7	50,0	5 300	28,2	54,5	4 900	33,3	57,4	4 400	58,0
60,0	14,5	43,8	5 000	23,1	50,3	4 600	29,1	54,1	4 100	60,0
62,0				16,5	44,7	4 300	24,1	50,1	3 900	62,0
64,0				4,2	33,8	4 000	18,0	44,9	3 600	64,0



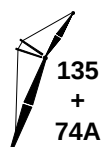
56 000 kg
+
20 450 kg



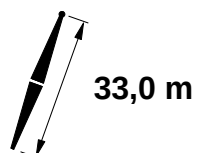
	87°			83°			80°			
										
	m	°	m	kg	°	m	kg	°	m	kg
9,8	73,9	55,5	44 500 d							9,8
10,0	73,2	55,4	44 500 d							10,0
12,0	67,5	54,7	44 400 c							12,0
14,0	61,5	53,7	38 800 c	68,3	54,6	43 500 c				14,0
16,0	55,2	52,5	34 200 b	62,4	53,6	36 400 c				16,0
18,0	48,4	50,9	30 700	56,2	52,4	31 400 b	61,5	53,2	30 300 b	18,0
20,0	40,7	48,9	27 900	49,4	50,9	27 500 b	55,2	52,0	26 500 b	20,0
22,0	31,6	46,2	25 500	41,9	49,0	24 300	48,4	50,4	23 500 b	22,0
24,0	19,0	41,9	22 800	33,1	46,4	21 800	40,7	48,3	21 100	24,0
26,0				21,3	42,5	19 700	31,6	45,6	19 000	26,0
28,0							19,0	41,4	17 300	28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0

MLC165-1 S-2

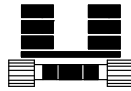
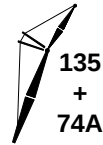
ASME B30.5



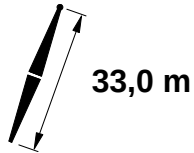
56 000 kg
+
20 450 kg

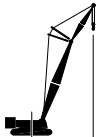
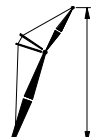
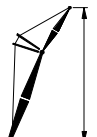


	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
9,8										9,8
10,0										10,0
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0	57,8	51,8	22 200 b							22,0
24,0	51,2	50,4	19 800 b							24,0
26,0	43,9	48,5	17 900	53,6	50,0	16 800 b				26,0
28,0	35,5	46,1	16 300	46,6	48,3	15 300 b				28,0
30,0	24,8	42,7	14 900	38,7	46,2	14 000	49,0	47,8	13 100	30,0
32,0				29,1	43,2	12 800	41,4	45,8	12 000	32,0
34,0							32,4	43,1	11 100	34,0
36,0							20,3	39,1	10 200	36,0



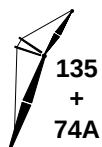
56 000 kg
+
20 450 kg



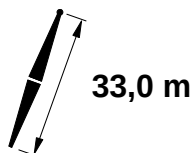
	 87°			 83°			 80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
10,4	74,5	58,5	40 800 d							10,4
12,0	70,4	57,9	40 700 c							12,0
14,0	65,4	57,1	39 000 c							14,0
16,0	60,1	56,1	34 000 b	66,1	57,0	36 400 c				16,0
18,0	54,5	54,8	30 500	60,9	56,0	31 200 b				18,0
20,0	48,5	53,2	27 700	55,3	54,8	27 300 b	60,1	55,6	26 400 b	20,0
22,0	41,8	51,2	25 300	49,4	53,2	24 200	54,5	54,3	23 400 b	22,0
24,0	34,2	48,7	22 800	42,8	51,3	21 700	48,4	52,7	21 000	24,0
26,0	24,6	45,1	20 600	35,4	48,8	19 600	41,8	50,7	18 900	26,0
28,0				26,2	45,5	17 900	34,2	48,1	17 200	28,0
30,0				11,7	39,7	16 300	24,6	44,6	15 800	30,0
32,0							7,5	37,6	14 400	32,0
34,0										34,0
36,0										36,0
38,0										38,0

MLC165-1 S-2

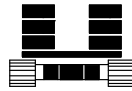
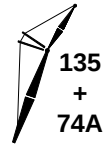
ASME B30.5



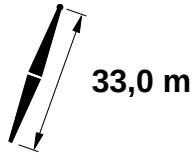
56 000 kg
+
20 450 kg

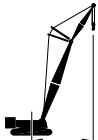
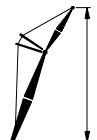
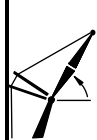
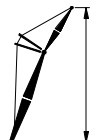
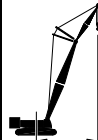


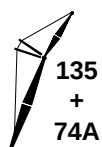
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
10,4										10,4
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0	56,7	54,1	19 700 b							24,0
26,0	50,9	52,7	17 800							26,0
28,0	44,6	50,9	16 200	53,1	52,3	15 100 b				28,0
30,0	37,4	48,6	14 800	46,9	50,6	13 800				30,0
32,0	28,8	45,5	13 600	40,1	48,5	12 700	48,9	50,0	11 800	32,0
34,0				32,1	45,8	11 700	42,4	48,1	10 900	34,0
36,0				21,8	41,9	10 800	34,9	45,6	10 100	36,0
38,0							25,5	42,2	9 400	38,0



56 000 kg
+
20 450 kg



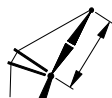
	 87°			 83°			 80°				
	 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
11,0	74,9		61,4	36 900 d							11,0
12,0	72,7		61,2	36 800 c							12,0
14,0	68,2		60,4	36 400 c							14,0
16,0	63,7		59,6	34 000 b	68,9	60,3	35 800 c				16,0
18,0	58,9		58,5	30 500 b	64,3	59,5	31 200 b				18,0
20,0	53,9		57,1	27 600	59,6	58,4	27 300 b	63,7	59,0	26 300 b	20,0
22,0	48,5		55,5	25 200	54,6	57,1	24 200	58,9	57,9	23 300 b	22,0
24,0	42,7		53,6	22 800	49,3	55,5	21 700	53,9	56,6	20 900	24,0
26,0	36,1		51,1	20 500	43,6	53,6	19 600	48,5	55,0	18 900	26,0
28,0	28,2		47,9	18 700	37,1	51,3	17 800	42,7	53,0	17 200	28,0
30,0	17,5		43,2	17 100	29,5	48,2	16 300	36,1	50,6	15 700	30,0
32,0					19,4	43,8	15 000	28,2	47,4	14 500	32,0
34,0								17,4	42,6	13 300	34,0
36,0											36,0
38,0											38,0
40,0											40,0
42,0											42,0



56 000 kg
+
20 450 kg

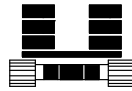
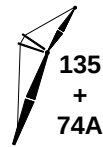


33,0 m

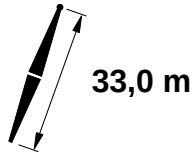


27,4 m

	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
11,0										11,0
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	55,9	56,5	17 700							26,0
28,0	50,7	55,0	16 100							28,0
30,0	45,1	53,2	14 700	52,6	54,6	13 700				30,0
32,0	38,8	50,9	13 500	47,2	52,9	12 600				32,0
34,0	31,6	48,1	12 500	41,2	50,9	11 600	49,0	52,4	10 800	34,0
36,0	22,3	44,2	11 600	34,4	48,3	10 800	43,2	50,4	10 000	36,0
38,0				26,0	44,9	10 000	36,6	48,0	9 300	38,0
40,0							28,9	44,9	8 600	40,0
42,0							18,5	40,4	8 000	42,0



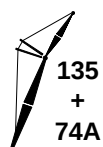
56 000 kg
+
20 450 kg



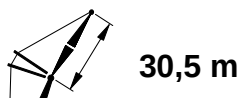
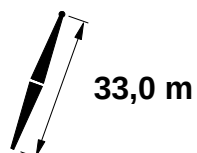
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
12,2	74,1	64,3	33 800 c							12,2
14,0	70,5	63,7	33 500 c							14,0
16,0	66,5	62,9	32 100 b							16,0
18,0	62,3	62,0	30 300	67,1	62,8	31 000 b				18,0
20,0	58,0	60,8	27 500	62,9	61,9	27 100 b	66,5	62,4	26 200 b	20,0
22,0	53,4	59,4	25 100	58,6	60,7	24 000	62,3	61,4	23 100 b	22,0
24,0	48,6	57,8	22 700	54,1	59,4	21 500	58,0	60,3	20 700	24,0
26,0	43,3	55,9	20 400	49,3	57,8	19 500	53,4	58,9	18 700	26,0
28,0	37,5	53,5	18 600	44,1	55,9	17 700	48,6	57,3	17 000	28,0
30,0	30,8	50,6	17 000	38,4	53,7	16 200	43,3	55,3	15 600	30,0
32,0	22,5	46,6	15 700	31,9	50,8	14 900	37,5	53,0	14 300	32,0
34,0				23,9	47,0	13 800	30,8	50,1	13 200	34,0
36,0				11,4	40,8	12 700	22,4	46,1	12 300	36,0
38,0							8,1	38,7	11 400	38,0
40,0										40,0
42,0										42,0
44,0										44,0

MLC165-1 S-2

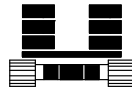
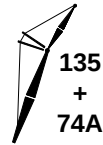
ASME B30.5



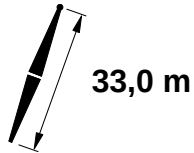
56 000 kg
+
20 450 kg



	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
12,2										12,2
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	59,7	60,1	17 500							26,0
28,0	55,2	58,8	15 900							28,0
30,0	50,5	57,3	14 600							30,0
32,0	45,5	55,5	13 400	52,3	56,9	12 500				32,0
34,0	39,9	53,3	12 400	47,4	55,3	11 500				34,0
36,0	33,6	50,6	11 500	42,0	53,2	10 600	49,0	54,7	9 800	36,0
38,0	26,1	47,2	10 600	36,0	50,8	9 900	43,8	52,8	9 100	38,0
40,0				29,0	47,6	9 200	38,0	50,4	8 500	40,0
42,0				20,0	43,2	8 600	31,4	47,6	7 900	42,0
44,0							23,2	43,7	7 400	44,0



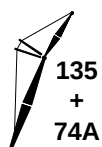
56 000 kg
+
20 450 kg



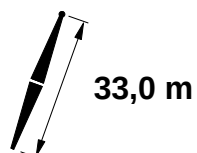
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
13,7	72,9	67,0	30 900 c							13,7
14,0	72,3	66,9	30 800 c							14,0
16,0	68,7	66,2	30 000 b							16,0
18,0	65,0	65,4	28 600							18,0
20,0	61,2	64,3	27 400	65,5	65,2	27 100 b				20,0
22,0	57,2	63,2	25 100	61,7	64,3	24 000	65,0	64,8	23 200 b	22,0
24,0	53,0	61,8	22 600	57,8	63,1	21 500	61,2	63,8	20 700	24,0
26,0	48,6	60,1	20 400	53,6	61,7	19 400	57,2	62,6	18 700	26,0
28,0	43,9	58,2	18 600	49,3	60,1	17 700	53,0	61,2	17 000	28,0
30,0	38,7	55,9	17 000	44,6	58,3	16 200	48,6	59,6	15 600	30,0
32,0	32,8	53,2	15 700	39,5	56,0	14 900	43,9	57,7	14 300	32,0
34,0	25,9	49,6	14 500	33,8	53,4	13 800	38,7	55,4	13 300	34,0
36,0	16,4	44,4	13 400	27,0	49,9	12 800	32,8	52,6	12 300	36,0
38,0				18,1	45,1	11 900	25,8	49,1	11 400	38,0
40,0							16,3	43,9	10 600	40,0
42,0										42,0
44,0										44,0
46,0										46,0
48,0										48,0

MLC165-1 S-2

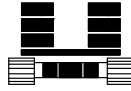
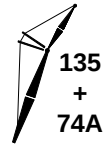
ASME B30.5



56 000 kg
+
20 450 kg



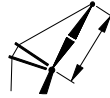
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	62,7	63,5	17 500							26,0
28,0	58,8	62,4	15 900							28,0
30,0	54,7	61,1	14 500							30,0
32,0	50,4	59,6	13 400	56,2	60,7	12 400				32,0
34,0	45,8	57,8	12 400	52,0	59,2	11 500				34,0
36,0	40,8	55,7	11 500	47,5	57,6	10 600				36,0
38,0	35,3	53,1	10 600	42,7	55,6	9 900	49,0	57,0	9 100	38,0
40,0	28,8	49,9	9 900	37,4	53,2	9 200	44,3	55,1	8 500	40,0
42,0	20,6	45,6	9 300	31,3	50,2	8 600	39,1	52,8	7 900	42,0
44,0				23,9	46,4	8 000	33,3	50,1	7 400	44,0
46,0							26,5	46,6	6 900	46,0
48,0							17,3	41,6	6 500	48,0



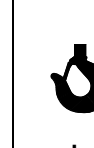
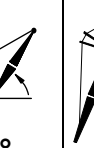
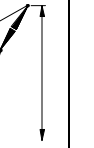
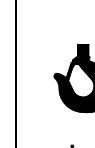
56 000 kg
+
20 450 kg

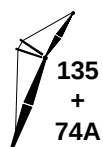


33,0 m



36,6 m

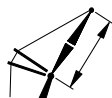
	87°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
13,7	74,3	70,2	28 300 c							13,7
14,0	73,9	70,1	28 300 c							14,0
16,0	70,6	69,5	27 700 b							16,0
18,0	67,2	68,7	26 400							18,0
20,0	63,8	67,8	25 200	67,7	68,6	26 700 b				20,0
22,0	60,2	66,7	24 000	64,3	67,7	23 900				22,0
24,0	56,5	65,5	22 400	60,7	66,6	21 400	63,8	67,2	20 600	24,0
26,0	52,7	64,1	20 300	57,1	65,4	19 300	60,2	66,2	18 600	26,0
28,0	48,6	62,4	18 500	53,3	64,0	17 600	56,5	64,9	16 900	28,0
30,0	44,3	60,5	16 900	49,2	62,4	16 100	52,7	63,5	15 400	30,0
32,0	39,6	58,3	15 600	45,0	60,6	14 800	48,6	61,9	14 200	32,0
34,0	34,4	55,7	14 400	40,3	58,4	13 700	44,3	60,0	13 100	34,0
36,0	28,4	52,4	13 300	35,2	55,8	12 700	39,6	57,8	12 200	36,0
38,0	20,9	48,0	12 300	29,4	52,7	11 800	34,4	55,1	11 300	38,0
40,0				22,1	48,5	11 000	28,4	51,8	10 500	40,0
42,0				11,2	41,8	10 300	20,9	47,5	9 900	42,0
44,0							8,5	39,8	9 200	44,0
46,0										46,0
48,0										48,0
50,0										50,0



56 000 kg
+
20 450 kg

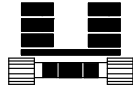
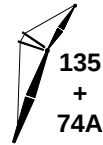


33,0 m

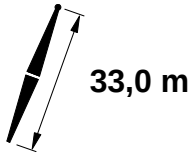


36,6 m

	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0	61,6	65,9	15 800							28,0
30,0	58,0	64,8	14 400							30,0
32,0	54,2	63,4	13 200							32,0
34,0	50,3	61,9	12 200	55,6	63,0	11 300				34,0
36,0	46,1	60,1	11 300	51,7	61,5	10 500				36,0
38,0	41,5	58,0	10 500	47,6	59,9	9 700				38,0
40,0	36,6	55,5	9 800	43,2	57,9	9 000	49,0	59,3	8 300	40,0
42,0	30,9	52,6	9 100	38,4	55,6	8 400	44,7	57,4	7 800	42,0
44,0	24,2	48,7	8 600	33,1	52,8	7 900	40,0	55,2	7 200	44,0
46,0				26,8	49,3	7 400	34,9	52,6	6 800	46,0
48,0				18,7	44,6	6 900	28,9	49,4	6 300	48,0
50,0							21,6	45,1	5 900	50,0



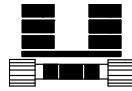
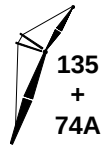
56 000 kg
+
20 450 kg



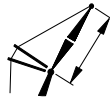
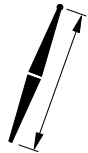
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
15,2	73,3	72,9	21 600 b						15,2	
16,0	72,1	72,7	21 400 b						16,0	
18,0	69,0	72,0	20 900						18,0	
20,0	65,9	71,1	20 500	69,5	71,8	21 200 b			20,0	
22,0	62,7	70,2	20 000	66,4	71,0	20 900			22,0	
24,0	59,4	69,1	19 600	63,2	70,1	20 500	65,9	70,6	20 300	24,0
26,0	56,0	67,8	18 800	59,9	69,0	19 200	62,7	69,6	18 500	26,0
28,0	52,4	66,4	17 900	56,5	67,8	17 500	59,4	68,5	16 800	28,0
30,0	48,7	64,7	16 500	52,9	66,3	16 000	56,0	67,3	15 300	30,0
32,0	44,7	62,8	15 300	49,2	64,7	14 700	52,4	65,8	14 100	32,0
34,0	40,4	60,7	14 200	45,3	62,9	13 600	48,7	64,2	13 000	34,0
36,0	35,7	58,1	13 100	41,1	60,8	12 600	44,7	62,3	12 100	36,0
38,0	30,4	55,0	12 100	36,4	58,3	11 700	40,4	60,1	11 200	38,0
40,0	24,1	51,2	11 200	31,2	55,3	10 900	35,7	57,6	10 500	40,0
42,0	15,6	45,6	10 500	25,1	51,5	10 200	30,4	54,5	9 800	42,0
44,0				17,1	46,4	9 600	24,1	50,6	9 200	44,0
46,0							15,6	45,1	8 600	46,0
48,0										48,0
50,0										50,0
52,0										52,0
54,0										54,0

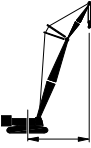
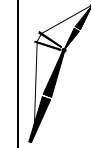
MLC165-1 S-2

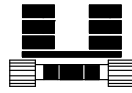
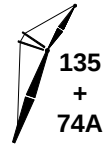
ASME B30.5



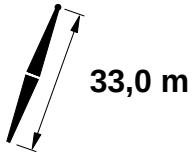
56 000 kg
+
20 450 kg



	75°			70°			65°			
	 m	 m	 kg	 m	 m	 kg	 m	 m	 kg	 m
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0	60,7	68,3	14 300							30,0
32,0	57,4	67,1	13 100							32,0
34,0	53,8	65,7	12 100							34,0
36,0	50,2	64,2	11 200	55,1	65,3	10 400				36,0
38,0	46,3	62,4	10 400	51,5	63,9	9 600				38,0
40,0	42,2	60,3	9 700	47,7	62,2	8 900				40,0
42,0	37,6	58,0	9 100	43,7	60,2	8 300	49,0	61,6	7 600	42,0
44,0	32,6	55,1	8 500	39,3	57,9	7 800	45,0	59,7	7 100	44,0
46,0	26,8	51,6	7 900	34,5	55,3	7 300	40,8	57,5	6 700	46,0
48,0	19,4	46,9	7 500	29,0	52,1	6 800	36,1	55,0	6 200	48,0
50,0				22,4	47,9	6 400	30,9	52,0	5 900	50,0
52,0							24,7	48,2	5 500	52,0
54,0							16,4	42,9	5 100	54,0



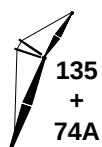
56 000 kg
+
20 450 kg



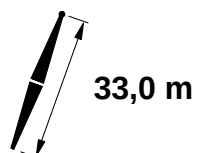
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
15,2	74,5	76,1	20 300 b						15,2	
16,0	73,4	75,9	20 100 b						16,0	
18,0	70,6	75,2	19 600						18,0	
20,0	67,7	74,5	19 200						20,0	
22,0	64,8	73,6	18 800	68,2	74,3	19 500			22,0	
24,0	61,8	72,6	18 100	65,2	73,5	19 100			24,0	
26,0	58,7	71,4	17 200	62,2	72,5	18 400	64,8	73,0	18 300	26,0
28,0	55,5	70,1	16 300	59,2	71,4	17 400	61,8	72,0	16 600	28,0
30,0	52,2	68,7	15 600	56,0	70,1	15 900	58,7	70,9	15 200	30,0
32,0	48,7	67,0	14 800	52,7	68,7	14 600	55,5	69,6	14 000	32,0
34,0	45,0	65,2	13 700	49,2	67,0	13 500	52,2	68,1	12 900	34,0
36,0	41,1	63,0	12 800	45,6	65,2	12 500	48,7	66,5	11 900	36,0
38,0	36,8	60,5	11 900	41,7	63,1	11 600	45,0	64,6	11 100	38,0
40,0	32,0	57,6	11 000	37,4	60,7	10 800	41,1	62,5	10 300	40,0
42,0	26,6	54,1	10 300	32,8	57,8	10 100	36,8	60,0	9 700	42,0
44,0	19,7	49,4	9 600	27,4	54,4	9 500	32,0	57,1	9 000	44,0
46,0				20,9	49,9	8 900	26,5	53,5	8 500	46,0
48,0				11,1	42,9	8 300	19,7	48,8	8 000	48,0
50,0							8,8	40,9	7 500	50,0
52,0										52,0
54,0										54,0
56,0										56,0

MLC165-1 S-2

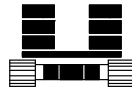
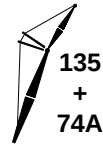
ASME B30.5



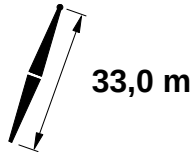
56 000 kg
+
20 450 kg



	75°			70°			65°			
	m	m	kg	m	kg	m	kg	m	m	
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	59,9	70,7	13 000							32,0
34,0	56,8	69,5	11 900							34,0
36,0	53,5	68,1	11 100							36,0
38,0	50,1	66,5	10 300	54,7	67,7	9 400				38,0
40,0	46,5	64,7	9 600	51,4	66,2	8 800				40,0
42,0	42,7	62,7	8 900	47,8	64,5	8 200				42,0
44,0	38,5	60,3	8 300	44,1	62,5	7 600	49,0	63,9	7 000	44,0
46,0	34,0	57,6	7 800	40,1	60,3	7 200	45,3	62,0	6 500	46,0
48,0	28,9	54,3	7 300	35,7	57,7	6 700	41,4	59,9	6 100	48,0
50,0	22,7	50,2	6 900	30,8	54,7	6 300	37,2	57,4	5 700	50,0
52,0				25,1	50,9	5 900	32,5	54,6	5 300	52,0
54,0				17,7	45,8	5 500	27,0	51,1	5 000	54,0
56,0							20,4	46,5	4 700	56,0



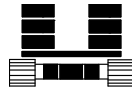
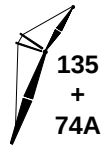
56 000 kg
+
20 450 kg



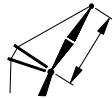
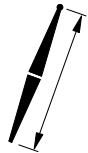
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
16,8	73,6	78,8	18 700 b						16,8	
18,0	71,9	78,4	18 400						18,0	
20,0	69,3	77,7	18 000						20,0	
22,0	66,6	76,9	17 500	69,7	77,6	18 100			22,0	
24,0	63,8	76,0	16 700	67,0	76,8	17 700			24,0	
26,0	61,0	75,0	15 800	64,2	75,9	16 900	66,6	76,4	17 400	26,0
28,0	58,1	73,8	15 000	61,4	74,9	16 100	63,8	75,5	16 600	28,0
30,0	55,1	72,5	14 200	58,5	73,7	15 200	61,0	74,4	15 200	30,0
32,0	52,0	71,0	13 500	55,5	72,4	14 500	58,1	73,2	13 900	32,0
34,0	48,7	69,3	12 800	52,4	71,0	13 400	55,1	71,9	12 900	34,0
36,0	45,3	67,5	12 100	49,2	69,3	12 400	52,0	70,4	11 900	36,0
38,0	41,6	65,3	11 400	45,8	67,5	11 600	48,7	68,8	11 100	38,0
40,0	37,7	62,9	10 800	42,2	65,4	10 800	45,3	66,9	10 300	40,0
42,0	33,4	60,1	10 100	38,3	63,1	10 100	41,6	64,8	9 600	42,0
44,0	28,5	56,8	9 500	34,1	60,3	9 400	37,7	62,4	9 000	44,0
46,0	22,7	52,6	8 900	29,3	57,1	8 900	33,4	59,6	8 500	46,0
48,0	15,0	46,8	8 400	23,7	53,1	8 300	28,5	56,3	7 900	48,0
50,0				16,3	47,6	7 800	22,7	52,1	7 500	50,0
52,0							14,9	46,2	7 000	52,0
54,0										54,0
56,0										56,0
58,0										58,0
60,0										60,0

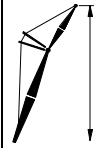
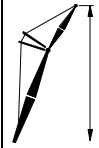
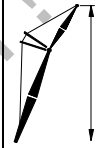
MLC165-1 S-2

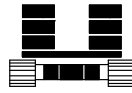
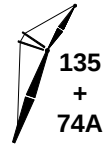
ASME B30.5



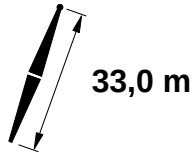
56 000 kg
+
20 450 kg



	75°			70°			65°			
										
	m	m	kg	m	m	kg	m	m	kg	m
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	62,1	74,2	12 900							32,0
34,0	59,3	73,0	11 900							34,0
36,0	56,3	71,8	11 000							36,0
38,0	53,2	70,4	10 200							38,0
40,0	50,0	68,8	9 500	54,4	70,0	8 700				40,0
42,0	46,7	67,0	8 900	51,2	68,5	8 100				42,0
44,0	43,1	65,0	8 300	47,9	66,8	7 600				44,0
46,0	39,3	62,7	7 800	44,4	64,8	7 100	49,0	66,2	6 500	46,0
48,0	35,2	60,1	7 300	40,7	62,7	6 700	45,6	64,3	6 100	48,0
50,0	30,5	57,0	6 900	36,7	60,2	6 300	41,9	62,2	5 700	50,0
52,0	25,2	53,2	6 500	32,3	57,3	5 900	38,0	59,8	5 300	52,0
54,0	18,4	48,2	6 100	27,2	53,8	5 500	33,8	57,1	5 000	54,0
56,0				21,1	49,3	5 200	28,9	53,8	4 700	56,0
58,0							23,2	49,7	4 400	58,0
60,0							15,7	44,1	4 100	60,0



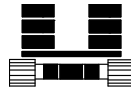
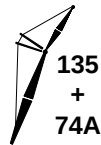
56 000 kg
+
20 450 kg



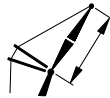
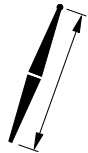
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
16,8	74,6	82,0	17 400 b							16,8
18,0	73,1	81,6	17 200							18,0
20,0	70,6	81,0	16 700							20,0
22,0	68,1	80,2	16 000							22,0
24,0	65,6	79,4	15 200	68,5	80,1	16 100				24,0
26,0	63,0	78,4	14 400	65,9	79,3	15 300				26,0
28,0	60,3	77,3	13 600	63,3	78,3	14 500	65,6	78,8	15 100	28,0
30,0	57,5	76,1	12 800	60,7	77,2	13 800	63,0	77,9	14 400	30,0
32,0	54,7	74,8	12 100	58,0	76,1	13 000	60,3	76,8	13 700	32,0
34,0	51,8	73,3	11 400	55,1	74,7	12 300	57,5	75,6	12 700	34,0
36,0	48,7	71,6	10 700	52,2	73,3	11 600	54,7	74,2	11 800	36,0
38,0	45,5	69,8	10 100	49,2	71,6	10 900	51,8	72,7	10 900	38,0
40,0	42,1	67,7	9 500	46,0	69,8	10 300	48,7	71,1	10 200	40,0
42,0	38,5	65,3	8 900	42,6	67,8	9 700	45,5	69,2	9 500	42,0
44,0	34,5	62,6	8 400	39,0	65,4	9 100	42,1	67,1	8 900	44,0
46,0	30,2	59,5	7 900	35,1	62,8	8 600	38,5	64,8	8 300	46,0
48,0	25,1	55,6	7 500	30,8	59,7	8 100	34,5	62,1	7 800	48,0
50,0	18,8	50,7	7 000	25,9	56,0	7 600	30,1	58,9	7 400	50,0
52,0				19,8	51,3	7 200	25,1	55,1	6 900	52,0
54,0				11,0	44,0	6 700	18,8	50,1	6 500	54,0
56,0							9,0	42,0	6 100	56,0
58,0										58,0
60,0										60,0
62,0										62,0
64,0										64,0

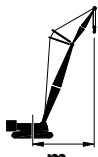
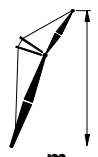
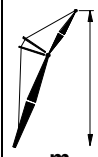
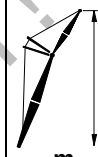
MLC165-1 S-2

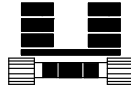
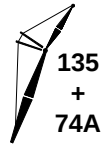
ASME B30.5



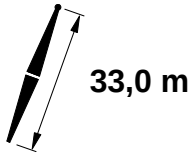
56 000 kg
+
20 450 kg

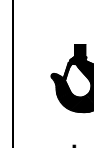
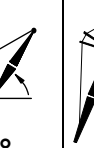
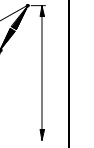
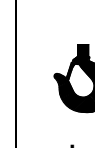


	 75°			 70°			 65°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0	61,4	76,6	11 800							34,0
36,0	58,6	75,4	10 900							36,0
38,0	55,9	74,1	10 100							38,0
40,0	53,0	72,7	9 400	56,9	73,7	8 600				40,0
42,0	50,0	71,1	8 700	54,0	72,3	8 000				42,0
44,0	46,8	69,3	8 200	51,1	70,8	7 500				44,0
46,0	43,5	67,3	7 600	48,0	69,1	7 000	52,0	70,1	6 300	46,0
48,0	40,0	65,1	7 200	44,7	67,1	6 500	49,0	68,5	5 900	48,0
50,0	36,2	62,5	6 700	41,3	65,0	6 100	45,8	66,6	5 500	50,0
52,0	32,0	59,6	6 300	37,6	62,6	5 700	42,4	64,6	5 200	52,0
54,0	27,2	56,0	6 000	33,5	59,8	5 400	38,8	62,2	4 800	54,0
56,0	21,5	51,6	5 600	29,0	56,5	5 100	34,9	59,6	4 500	56,0
58,0				23,7	52,4	4 800	30,5	56,4	4 300	58,0
60,0				17,0	47,1	4 500	25,5	52,7	4 000	60,0
62,0							19,4	47,8	3 700	62,0
64,0							10,1	40,2	3 500	64,0



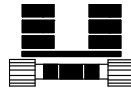
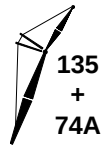
56 000 kg
+
20 450 kg



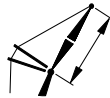
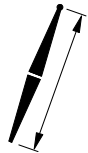
	87°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
18,3	73,8	84,7	15 900							18,3
20,0	71,8	84,2	15 500							20,0
22,0	69,5	83,5	14 700							22,0
24,0	67,1	82,7	13 900							24,0
26,0	64,7	81,8	13 200	67,4	82,6	14 100				26,0
28,0	62,2	80,8	12 400	65,0	81,7	13 300	67,1	82,2	13 800	28,0
30,0	59,7	79,7	11 700	62,6	80,7	12 600	64,7	81,3	13 100	30,0
32,0	57,1	78,5	11 000	60,0	79,6	11 900	62,2	80,3	12 500	32,0
34,0	54,4	77,1	10 400	57,5	78,4	11 200	59,7	79,2	11 800	34,0
36,0	51,6	75,6	9 700	54,8	77,1	10 500	57,1	77,9	11 100	36,0
38,0	48,7	73,9	9 100	52,0	75,6	9 900	54,4	76,6	10 400	38,0
40,0	45,7	72,1	8 500	49,2	73,9	9 200	51,6	75,0	9 800	40,0
42,0	42,6	70,0	8 000	46,2	72,1	8 700	48,7	73,4	9 200	42,0
44,0	39,2	67,7	7 400	43,0	70,1	8 100	45,7	71,5	8 600	44,0
46,0	35,5	65,1	6 900	39,7	67,8	7 600	42,5	69,5	8 100	46,0
48,0	31,5	62,1	6 400	36,1	65,2	7 100	39,2	67,2	7 500	48,0
50,0	27,0	58,5	5 900	32,1	62,3	6 600	35,5	64,5	7 100	50,0
52,0	21,6	54,1	5 300	27,7	58,8	5 900	31,5	61,5	6 500	52,0
54,0	14,5	47,9	4 900	22,5	54,5	5 400	27,0	57,9	5 900	54,0
56,0				15,7	48,8	5 000	21,6	53,5	5 400	56,0
58,0							14,5	47,4	4 900	58,0
60,0										60,0
62,0										62,0
64,0										64,0
66,0										66,0

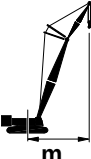
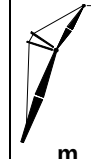
MLC165-1 S-2

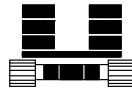
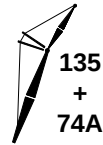
ASME B30.5



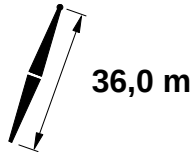
56 000 kg
+
20 450 kg

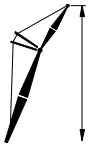
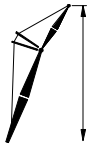
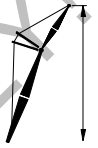
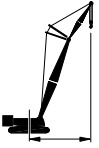


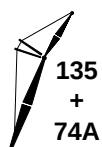
	75°			70°			65°			
										
	m	m	kg	m	kg	m	kg	m	kg	m
18,3										18,3
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0	60,7	78,9	10 800							36,0
38,0	58,1	77,7	10 000							38,0
40,0	55,5	76,4	9 300							40,0
42,0	52,7	75,0	8 600	56,4	76,0	7 900				42,0
44,0	49,9	73,4	8 100	53,7	74,6	7 300				44,0
46,0	46,9	71,6	7 500	50,9	73,1	6 900				46,0
48,0	43,8	69,6	7 100	48,0	71,4	6 400	51,8	72,4	5 800	48,0
50,0	40,5	67,4	6 600	45,0	69,5	6 000	49,0	70,8	5 400	50,0
52,0	37,0	64,9	6 200	41,8	67,3	5 600	46,0	68,9	5 000	52,0
54,0	33,2	62,1	5 900	38,3	65,0	5 300	42,8	66,9	4 700	54,0
56,0	28,9	58,8	5 500	34,6	62,3	5 000	39,5	64,6	4 400	56,0
58,0	23,9	54,7	5 200	30,5	59,1	4 700	35,8	62,0	4 200	58,0
60,0	17,7	49,5	4 900	25,8	55,4	4 400	31,9	59,0	3 900	60,0
62,0				20,1	50,7	4 100	27,4	55,5	3 600	62,0
64,0				12,2	43,8	3 900	22,1	51,2	3 400	64,0
66,0							15,2	45,2	3 200	66,0



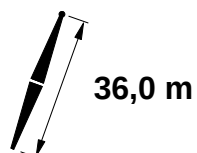
56 000 kg
+
20 450 kg



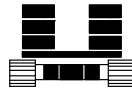
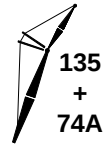
	87°			83°			80°			
										
	m	m	kg	m	m	kg	m	m	kg	m
9,8	74,3	58,5	42 700 d							9,8
10,0	73,6	58,4	42 700 d							10,0
12,0	67,9	57,7	42 600 c							12,0
14,0	62,0	56,8	37 900 c	69,4	57,7	42 600 d				14,0
16,0	55,7	55,6	33 400 b	63,5	56,8	36 300 c				16,0
18,0	48,9	54,0	30 100	57,3	55,7	31 200 b	63,1	56,4	30 000 c	18,0
20,0	41,4	52,1	27 500	50,7	54,2	27 300 b	56,9	55,2	26 200 b	20,0
22,0	32,4	49,4	25 300	43,4	52,3	24 200	50,2	53,8	23 300 b	22,0
24,0	20,3	45,4	22 800	34,8	49,9	21 700	42,8	51,9	20 800	24,0
26,0				23,9	46,3	19 600	34,2	49,4	18 800	26,0
28,0							22,9	45,7	17 100	28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0										38,0



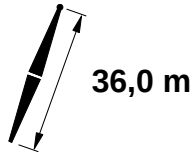
56 000 kg
+
20 450 kg

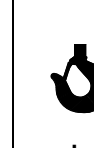
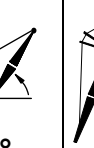
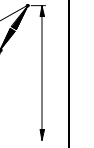


	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
9,8										9,8
10,0										10,0
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0	60,2	55,2	21 800 c							22,0
24,0	53,8	53,9	19 500 b							24,0
26,0	46,8	52,2	17 600	57,0	53,5	16 300 b				26,0
28,0	38,9	50,0	16 000	50,3	52,1	14 900 b				28,0
30,0	29,3	47,1	14 600	42,9	50,2	13 600				30,0
32,0	15,1	42,2	13 400	34,3	47,7	12 500	46,3	49,8	11 500	32,0
34,0				23,1	44,0	11 500	38,3	47,6	10 600	34,0
36,0							28,5	44,6	9 800	36,0
38,0							13,5	39,4	9 100	38,0



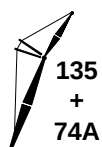
56 000 kg
+
20 450 kg



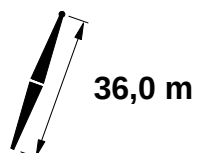
	87°			83°			80°			
										
	m	°	m	kg	°	m	kg	°	m	kg
10,4	74,8	61,5	39 300 d							10,4
12,0	70,8	61,0	39 100 c							12,0
14,0	65,8	60,2	38 000 c							14,0
16,0	60,5	59,2	33 200 b	67,0	60,1	36 200 c				16,0
18,0	54,9	57,9	29 800	61,8	59,2	31 000 b				18,0
20,0	49,0	56,3	27 100	56,3	58,0	27 200 b	61,4	58,8	26 100 b	20,0
22,0	42,4	54,4	25 000	50,5	56,5	24 100	55,9	57,6	23 100 b	22,0
24,0	34,8	51,9	22 800	44,1	54,7	21 600	50,1	56,1	20 700	24,0
26,0	25,5	48,4	20 500	36,8	52,3	19 500	43,6	54,2	18 700	26,0
28,0				28,1	49,2	17 700	36,3	51,8	17 000	28,0
30,0				15,4	44,1	16 200	27,4	48,6	15 600	30,0
32,0							14,0	43,3	14 300	32,0
34,0										34,0
36,0										36,0
38,0										38,0
40,0										40,0

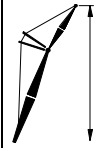
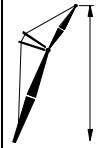
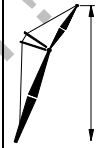
MLC165-1 S-2

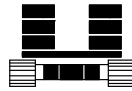
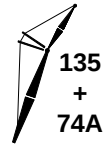
ASME B30.5



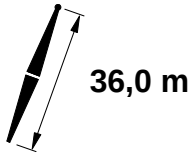
56 000 kg
+
20 450 kg

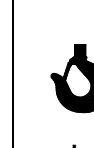
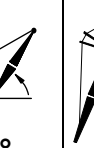
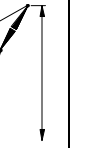


	75°			70°			65°			
										
	m	m	kg	m	m	kg	m	m	kg	m
10,4										10,4
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0	58,9	57,5	19 300 b							24,0
26,0	53,2	56,2	17 400							26,0
28,0	47,1	54,5	15 900	56,0	55,9	14 700 b				28,0
30,0	40,3	52,4	14 500	50,2	54,4	13 400				30,0
32,0	32,3	49,7	13 300	43,7	52,5	12 300	52,8	53,8	11 400	32,0
34,0	22,0	45,8	12 300	36,4	50,1	11 400	46,6	52,1	10 500	34,0
36,0				27,5	46,9	10 500	39,8	50,0	9 700	36,0
38,0				14,3	41,7	9 700	31,7	47,2	9 000	38,0
40,0							21,1	43,2	8 300	40,0



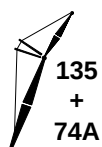
56 000 kg
+
20 450 kg



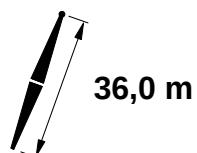
	87°			83°			80°			
										
	m	°	m	kg	°	m	kg	°	m	kg
11,6	73,9	64,3	35 500 d							11,6
12,0	73,0	64,2	35 500 c							12,0
14,0	68,6	63,5	35 200 c							14,0
16,0	64,0	62,6	33 500 b							16,0
18,0	59,3	61,5	29 700 b							18,0
20,0	54,3	60,2	27 000	65,2	62,6	31 000 b				20,0
22,0	49,0	58,6	24 800	60,5	61,6	27 100 b	64,9	62,2	26 000 b	22,0
24,0	43,2	56,7	22 700	55,6	60,3	24 000	60,1	61,2	23 000 b	24,0
26,0	36,6	54,3	20 500	50,3	58,8	21 500	55,2	59,9	20 600	26,0
28,0	28,9	51,2	18 700	44,7	57,0	19 500	49,9	58,4	18 700	28,0
30,0	18,5	46,7	17 100	38,3	54,7	17 700	44,2	56,5	17 000	30,0
32,0				31,0	51,8	16 200	37,9	54,2	15 500	32,0
34,0				21,6	47,8	14 900	30,4	51,3	14 300	34,0
36,0							20,7	47,1	13 200	36,0
38,0										38,0
40,0										40,0
42,0										42,0
44,0										44,0

MLC165-1 S-2

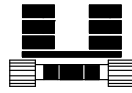
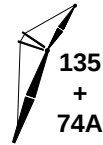
ASME B30.5



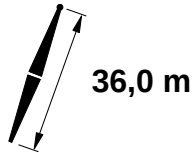
56 000 kg
+
20 450 kg



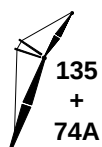
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
11,6										11,6
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	57,8	59,9	17 300 b							26,0
28,0	52,8	58,5	15 800							28,0
30,0	47,3	56,8	14 400	55,3	58,2	13 300				30,0
32,0	41,3	54,7	13 300	50,0	56,7	12 200				32,0
34,0	34,5	52,2	12 200	44,3	54,8	11 300				34,0
36,0	26,3	48,8	11 300	38,0	52,5	10 500	46,9	54,4	9 600	36,0
38,0	14,1	43,3	10 500	30,5	49,6	9 700	40,9	52,3	8 900	38,0
40,0				20,9	45,4	9 000	34,0	49,7	8 300	40,0
42,0							25,6	46,2	7 700	42,0
44,0							12,8	40,5	7 200	44,0



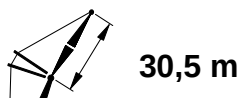
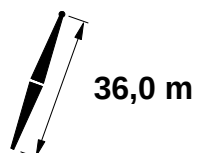
56 000 kg
+
20 450 kg



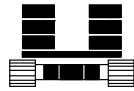
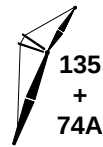
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
12,2	74,4	67,3	32 600 c						12,2	
14,0	70,8	66,7	32 400 c						14,0	
16,0	66,8	66,0	31 800 b						16,0	
18,0	62,6	65,0	29 600 b	67,8	65,9	30 700 b			18,0	
20,0	58,3	63,9	26 800	63,7	65,0	26 900 b	67,5	65,5	25 900 b	20,0
22,0	53,8	62,5	24 600	59,4	63,9	23 900	63,4	64,6	22 900 b	22,0
24,0	49,0	60,9	22 500	54,9	62,6	21 400	59,1	63,5	20 500	24,0
26,0	43,8	59,0	20 400	50,2	61,1	19 300	54,6	62,2	18 500	26,0
28,0	38,0	56,7	18 600	45,1	59,3	17 600	49,8	60,7	16 800	28,0
30,0	31,4	53,8	17 000	39,5	57,1	16 100	44,7	58,8	15 400	30,0
32,0	23,2	50,0	15 500	33,2	54,4	14 800	39,1	56,6	14 200	32,0
34,0				25,5	50,8	13 700	32,7	53,8	13 100	34,0
36,0				14,5	45,3	12 700	24,9	50,2	12 100	36,0
38,0							13,4	44,4	11 200	38,0
40,0										40,0
42,0										42,0
44,0										44,0
46,0										46,0



56 000 kg
+
20 450 kg



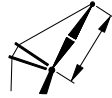
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
12,2										12,2
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	61,4	63,4	17 200							26,0
28,0	57,0	62,2	15 600							28,0
30,0	52,4	60,8	14 300							30,0
32,0	47,5	59,1	13 100	54,7	60,5	12 100				32,0
34,0	42,1	57,1	12 100	49,9	59,0	11 100				34,0
36,0	36,2	54,6	11 200	44,8	57,1	10 300				36,0
38,0	29,2	51,5	10 400	39,2	54,9	9 600	47,1	56,7	8 700	38,0
40,0	20,2	47,2	9 700	32,8	52,1	8 900	41,7	54,7	8 100	40,0
42,0				25,0	48,5	8 300	35,7	52,2	7 600	42,0
44,0				13,6	42,8	7 700	28,7	49,0	7 100	44,0
46,0							19,4	44,5	6 600	46,0



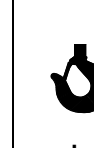
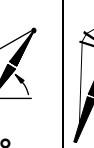
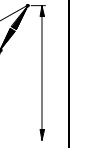
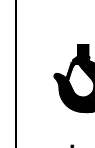
56 000 kg
+
20 450 kg

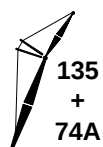


36,0 m

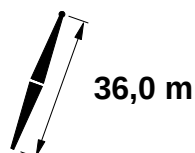


33,5 m

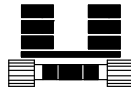
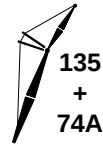
	87°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
13,7	73,1	70,0	29 900 c							13,7
14,0	72,6	70,0	29 900 c							14,0
16,0	69,0	69,3	29 400 b							16,0
18,0	65,3	68,4	28 100							18,0
20,0	61,5	67,4	26 100	66,2	68,4	26 900 b				20,0
22,0	57,5	66,2	24 100	62,4	67,4	23 800	66,0	68,0	22 900 b	22,0
24,0	53,4	64,9	22 100	58,5	66,3	21 400	62,2	67,0	20 500	24,0
26,0	49,0	63,2	20 200	54,4	65,0	19 300	58,2	65,9	18 500	26,0
28,0	44,3	61,4	18 400	50,1	63,4	17 600	54,1	64,5	16 800	28,0
30,0	39,1	59,1	16 800	45,5	61,6	16 100	49,8	63,0	15 400	30,0
32,0	33,3	56,4	15 300	40,5	59,4	14 800	45,1	61,1	14 200	32,0
34,0	26,5	52,9	14 100	34,9	56,8	13 700	40,1	59,0	13 100	34,0
36,0	17,3	47,9	13 000	28,3	53,6	12 700	34,4	56,3	12 100	36,0
38,0				20,0	49,1	11 800	27,8	53,0	11 300	38,0
40,0							19,2	48,4	10 500	40,0
42,0										42,0
44,0										44,0
46,0										46,0
48,0										48,0
50,0										50,0



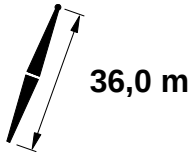
56 000 kg
+
20 450 kg

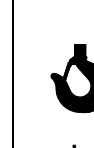
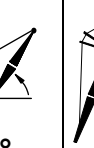
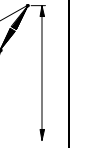
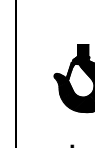


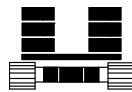
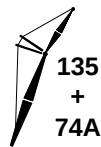
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0	60,3	65,8	15 600							28,0
30,0	56,3	64,5	14 200							30,0
32,0	52,1	63,1	13 100							32,0
34,0	47,6	61,4	12 100	54,2	62,8	11 100				34,0
36,0	42,8	59,4	11 200	49,8	61,3	10 300				36,0
38,0	37,5	57,0	10 400	45,2	59,4	9 600				38,0
40,0	31,5	54,1	9 700	40,2	57,3	8 900	47,3	59,0	8 100	40,0
42,0	24,1	50,3	9 100	34,5	54,6	8 300	42,4	57,0	7 600	42,0
44,0	13,5	44,5	8 500	27,9	51,3	7 800	37,1	54,6	7 100	44,0
46,0				19,4	46,8	7 300	31,0	51,6	6 600	46,0
48,0							23,5	47,7	6 200	48,0
50,0							12,4	41,6	5 800	50,0



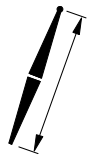
56 000 kg
+
20 450 kg



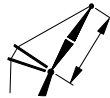
	87°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
13,7	74,6	73,2	25 000 c							13,7
14,0	74,1	73,1	25 000 c							14,0
16,0	70,8	72,5	25 000 b							16,0
18,0	67,5	71,7	24 900							18,0
20,0	64,0	70,8	23 900	68,3	71,7	24 900 b				20,0
22,0	60,5	69,8	22 800	64,9	70,8	24 000				22,0
24,0	56,8	68,6	21 100	61,4	69,8	21 200	64,7	70,4	20 300	24,0
26,0	53,0	67,2	19 500	57,8	68,6	19 200	61,1	69,4	18 300	26,0
28,0	49,0	65,5	17 900	54,0	67,3	17 400	57,5	68,2	16 700	28,0
30,0	44,7	63,7	16 500	50,0	65,7	16 000	53,7	66,9	15 300	30,0
32,0	40,0	61,5	15 100	45,8	63,9	14 700	49,7	65,3	14 000	32,0
34,0	34,9	58,9	13 900	41,2	61,8	13 600	45,5	63,4	13 000	34,0
36,0	28,9	55,6	12 800	36,2	59,3	12 600	40,9	61,3	12 000	36,0
38,0	21,6	51,4	11 900	30,5	56,3	11 700	35,8	58,8	11 200	38,0
40,0				23,6	52,3	10 900	30,1	55,7	10 400	40,0
42,0				13,8	46,4	10 200	23,1	51,7	9 700	42,0
44,0							12,9	45,5	9 100	44,0
46,0										46,0
48,0										48,0
50,0										50,0
52,0										52,0



56 000 kg
+
20 450 kg

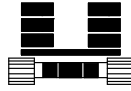
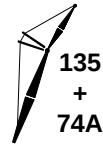


36,0 m

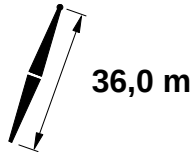


36,6 m

	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0	59,4	68,1	14 100							30,0
32,0	55,7	66,9	12 900							32,0
34,0	51,8	65,4	11 900							34,0
36,0	47,7	63,7	11 100	53,8	65,1	10 100				36,0
38,0	43,3	61,7	10 300	49,8	63,6	9 400				38,0
40,0	38,6	59,4	9 600	45,5	61,7	8 700	51,5	63,0	7 900	40,0
42,0	33,2	56,7	8 900	41,0	59,6	8 200	47,4	61,3	7 400	42,0
44,0	27,0	53,2	8 400	35,9	57,1	7 600	43,0	59,3	6 900	44,0
46,0	18,9	48,5	7 800	30,2	54,0	7 100	38,2	57,0	6 400	46,0
48,0				23,2	50,0	6 700	32,8	54,2	6 000	48,0
50,0				13,1	43,9	6 300	26,5	50,7	5 600	50,0
52,0							18,2	45,8	5 300	52,0



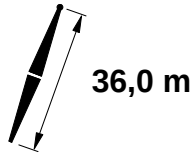
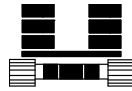
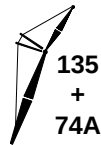
56 000 kg
+
20 450 kg



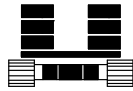
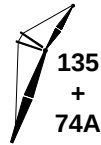
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2	73,5	76,0	21 200 b							15,2
16,0	72,4	75,7	21 000 b							16,0
18,0	69,3	75,0	20 600							18,0
20,0	66,2	74,2	20 100	70,1	74,9	20 800 b				20,0
22,0	63,0	73,2	19 700	67,0	74,1	20 500				22,0
24,0	59,7	72,2	19 300	63,8	73,2	20 200				24,0
26,0	56,3	70,9	18 100	60,5	72,2	19 100	63,5	72,8	18 200	26,0
28,0	52,7	69,5	16 900	57,1	71,0	17 400	60,3	71,8	16 600	28,0
30,0	49,0	67,8	15 600	53,6	69,6	15 900	56,9	70,6	15 200	30,0
32,0	45,0	66,0	14 500	49,9	68,0	14 600	53,3	69,2	13 900	32,0
34,0	40,8	63,8	13 400	46,0	66,2	13 500	49,7	67,6	12 900	34,0
36,0	36,1	61,3	12 400	41,9	64,1	12 500	45,7	65,8	11 900	36,0
38,0	30,9	58,3	11 500	37,3	61,7	11 600	41,5	63,7	11 100	38,0
40,0	24,7	54,5	10 700	32,2	58,8	10 900	37,0	61,2	10 300	40,0
42,0	16,4	49,1	10 000	26,3	55,3	10 100	31,9	58,3	9 700	42,0
44,0				18,8	50,4	9 500	25,9	54,7	9 000	44,0
46,0							18,1	49,7	8 500	46,0
48,0										48,0
50,0										50,0
52,0										52,0
54,0										54,0
56,0										56,0

MLC165-1 S-2

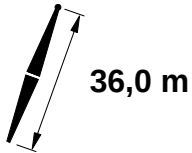
ASME B30.5

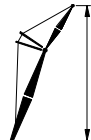
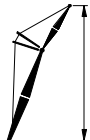


	75°			70°			65°			
	m	m	kg	m	kg	m	kg	m	m	
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	58,7	70,5	12 800							32,0
34,0	55,2	69,2	11 800							34,0
36,0	51,6	67,7	11 000							36,0
38,0	47,8	66,0	10 200	53,4	67,4	9 300				38,0
40,0	43,8	64,1	9 500	49,7	65,9	8 600				40,0
42,0	39,4	61,8	8 800	45,8	64,0	8 100	51,4	65,3	7 300	42,0
44,0	34,6	59,2	8 300	41,6	61,9	7 500	47,5	63,6	6 800	44,0
46,0	29,2	55,9	7 800	37,0	59,5	7 000	43,5	61,6	6 300	46,0
48,0	22,5	51,8	7 300	31,9	56,6	6 600	39,1	59,4	5 900	48,0
50,0	13,0	45,6	6 800	26,0	53,0	6 200	34,3	56,7	5 600	50,0
52,0				18,3	48,1	5 800	28,7	53,4	5 200	52,0
54,0							22,0	49,2	4 900	54,0
56,0							12,1	42,7	4 600	56,0



56 000 kg
+
20 450 kg



	 87°			 83°			 80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
15,2	74,7	79,1	19 900 b							15,2
16,0	73,7	78,9	19 700 b							16,0
18,0	70,8	78,3	19 300							18,0
20,0	68,0	77,5	18 900							20,0
22,0	65,0	76,6	18 500	68,7	77,4	19 100				22,0
24,0	62,0	75,6	18 000	65,8	76,6	18 800				24,0
26,0	58,9	74,5	17 100	62,8	75,6	18 300	65,6	76,2	18 100	26,0
28,0	55,8	73,2	16 000	59,7	74,5	17 300	62,6	75,3	16 400	28,0
30,0	52,4	71,8	15 000	56,6	73,3	15 700	59,5	74,1	15 000	30,0
32,0	49,0	70,1	14 000	53,3	71,9	14 500	56,3	72,9	13 800	32,0
34,0	45,3	68,3	13 100	49,9	70,3	13 400	53,0	71,5	12 700	34,0
36,0	41,4	66,2	12 200	46,2	68,5	12 400	49,6	69,9	11 800	36,0
38,0	37,2	63,7	11 300	42,4	66,5	11 500	46,0	68,1	11 000	38,0
40,0	32,4	60,8	10 500	38,2	64,1	10 700	42,1	66,0	10 200	40,0
42,0	27,0	57,3	9 800	33,7	61,3	10 000	37,9	63,6	9 500	42,0
44,0	20,3	52,8	9 200	28,5	58,0	9 400	33,3	60,8	8 900	44,0
46,0				22,2	53,8	8 800	28,1	57,4	8 400	46,0
48,0				13,4	47,6	8 300	21,7	53,1	7 800	48,0
50,0							12,5	46,6	7 400	50,0
52,0										52,0
54,0										54,0
56,0										56,0
58,0										58,0

MLC165-1 S-2

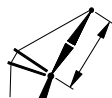
ASME B30.5



56 000 kg
+
20 450 kg

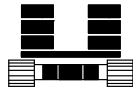
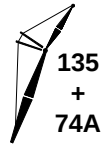


36,0 m

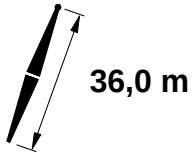


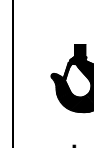
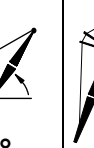
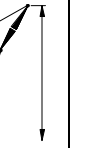
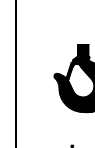
42,7 m

	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	61,1	74,0	12 700							32,0
34,0	58,0	72,8	11 700							34,0
36,0	54,8	71,5	10 800							36,0
38,0	51,4	70,0	10 000							38,0
40,0	47,9	68,3	9 300	53,1	69,8	8 500				40,0
42,0	44,2	66,4	8 700	49,7	68,2	7 900				42,0
44,0	40,2	64,2	8 100	46,0	66,3	7 400				44,0
46,0	35,8	61,6	7 600	42,2	64,3	6 900	47,7	65,9	6 200	46,0
48,0	30,9	58,6	7 100	38,0	61,9	6 400	43,9	64,0	5 800	48,0
50,0	25,2	54,8	6 700	33,4	59,1	6 000	39,9	61,7	5 400	50,0
52,0	17,9	49,8	6 300	28,1	55,8	5 700	35,5	59,1	5 100	52,0
54,0				21,8	51,5	5 300	30,6	56,1	4 700	54,0
56,0				12,7	45,0	5 000	24,8	52,3	4 400	56,0
58,0							17,3	47,1	4 100	58,0



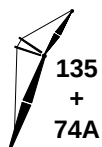
56 000 kg
+
20 450 kg



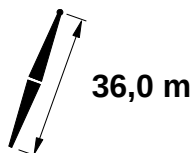
	87°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
16,8	73,8	81,9	18 300 b							16,8
18,0	72,2	81,5	18 100							18,0
20,0	69,5	80,8	17 700							20,0
22,0	66,8	80,0	17 300							22,0
24,0	64,0	79,1	16 600	67,5	79,9	17 500				24,0
26,0	61,2	78,0	15 800	64,7	79,0	16 900	67,3	79,5	17 300	26,0
28,0	58,3	76,9	15 000	61,9	78,0	16 100	64,5	78,7	16 500	28,0
30,0	55,3	75,6	14 200	59,1	76,9	15 300	61,7	77,6	15 000	30,0
32,0	52,2	74,1	13 400	56,1	75,6	14 400	58,8	76,5	13 700	32,0
34,0	49,0	72,4	12 600	53,0	74,2	13 300	55,9	75,2	12 700	34,0
36,0	45,6	70,6	11 800	49,8	72,6	12 300	52,8	73,8	11 700	36,0
38,0	41,9	68,5	11 000	46,4	70,8	11 500	49,6	72,2	10 900	38,0
40,0	38,0	66,1	10 300	42,9	68,8	10 700	46,2	70,4	10 200	40,0
42,0	33,8	63,4	9 700	39,0	66,5	10 000	42,6	68,3	9 500	42,0
44,0	28,9	60,1	9 000	34,9	63,8	9 400	38,8	66,0	8 900	44,0
46,0	23,2	56,0	8 500	30,2	60,7	8 800	34,6	63,3	8 300	46,0
48,0	15,7	50,3	8 000	24,8	56,8	8 300	29,8	60,1	7 800	48,0
50,0				17,9	51,7	7 800	24,3	56,2	7 400	50,0
52,0							17,3	51,0	6 900	52,0
54,0										54,0
56,0										56,0
58,0										58,0
60,0										60,0
62,0										62,0

MLC165-1 S-2

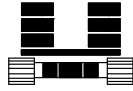
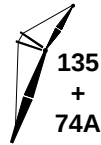
ASME B30.5



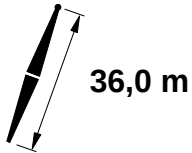
56 000 kg
+
20 450 kg

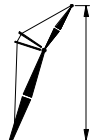
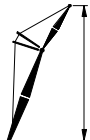


	75°			70°			65°			
	m	m	kg	m	kg	m	kg	m	kg	m
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0	60,4	76,4	11 600							34,0
36,0	57,4	75,2	10 800							36,0
38,0	54,4	73,8	10 000							38,0
40,0	51,3	72,3	9 300	55,9	73,5	8 400				40,0
42,0	48,0	70,6	8 700	52,8	72,1	7 800				42,0
44,0	44,5	68,7	8 100	49,6	70,5	7 300				44,0
46,0	40,8	66,5	7 600	46,2	68,7	6 800	51,0	69,9	6 100	46,0
48,0	36,8	64,0	7 100	42,7	66,6	6 400	47,7	68,2	5 700	48,0
50,0	32,4	61,1	6 700	38,8	64,3	6 000	44,3	66,3	5 400	50,0
52,0	27,4	57,7	6 300	34,6	61,6	5 600	40,5	64,1	5 000	52,0
54,0	21,3	53,2	5 900	29,9	58,4	5 300	36,5	61,6	4 700	54,0
56,0	12,7	46,7	5 600	24,4	54,5	5 000	32,1	58,6	4 400	56,0
58,0				17,4	49,3	4 700	27,0	55,1	4 100	58,0
60,0							20,8	50,6	3 900	60,0
62,0							11,8	43,8	3 600	62,0



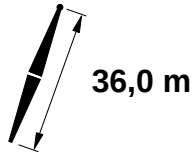
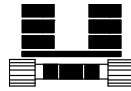
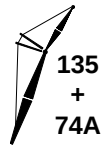
56 000 kg
+
20 450 kg



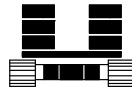
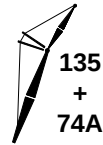
	 87°			 83°			 80°			
										
m	°	m	kg	°	m	kg	°	m	kg	m
16,8	74,8	85,0	17 100 b							16,8
18,0	73,3	84,7	16 800							18,0
20,0	70,8	84,0	16 500							20,0
22,0	68,3	83,3	15 900							22,0
24,0	65,8	82,4	15 100	69,0	83,2	16 000				24,0
26,0	63,2	81,5	14 300	66,4	82,4	15 300				26,0
28,0	60,5	80,4	13 600	63,8	81,5	14 600	66,2	82,0	15 100	28,0
30,0	57,8	79,2	12 800	61,2	80,4	13 900	63,6	81,1	14 500	30,0
32,0	54,9	77,9	12 100	58,5	79,2	13 100	61,0	80,0	13 600	32,0
34,0	52,0	76,4	11 400	55,7	78,0	12 400	58,3	78,8	12 500	34,0
36,0	49,0	74,7	10 800	52,8	76,5	11 700	55,5	77,5	11 600	36,0
38,0	45,8	72,9	10 100	49,7	74,9	11 000	52,5	76,1	10 800	38,0
40,0	42,4	70,8	9 600	46,6	73,1	10 400	49,5	74,5	10 000	40,0
42,0	38,8	68,5	9 000	43,3	71,1	9 800	46,4	72,7	9 400	42,0
44,0	34,9	65,8	8 500	39,7	68,9	9 200	43,0	70,6	8 800	44,0
46,0	30,5	62,7	8 000	35,9	66,3	8 700	39,5	68,4	8 200	46,0
48,0	25,5	59,0	7 500	31,7	63,3	8 200	35,6	65,8	7 700	48,0
50,0	19,4	54,1	7 100	26,8	59,7	7 700	31,3	62,7	7 200	50,0
52,0				21,1	55,2	7 200	26,5	59,1	6 800	52,0
54,0				13,0	48,7	6 800	20,6	54,5	6 400	54,0
56,0							12,3	47,7	6 000	56,0
58,0										58,0
60,0										60,0
62,0										62,0
64,0										64,0

MLC165-1 S-2

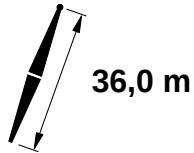
ASME B30.5



	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0	59,7	78,7	10 600							36,0
38,0	56,9	77,5	9 800							38,0
40,0	54,1	76,1	9 100							40,0
42,0	51,1	74,6	8 500	55,5	75,8	7 700				42,0
44,0	48,0	72,9	8 000	52,6	74,4	7 200				44,0
46,0	44,8	71,0	7 400	49,6	72,8	6 700				46,0
48,0	41,4	68,9	7 000	46,4	71,0	6 300	50,9	72,2	5 600	48,0
50,0	37,7	66,4	6 500	43,1	68,9	5 900	47,8	70,5	5 200	50,0
52,0	33,6	63,7	6 200	39,5	66,7	5 500	44,6	68,6	4 900	52,0
54,0	29,1	60,4	5 800	35,7	64,1	5 200	41,1	66,4	4 500	54,0
56,0	23,9	56,4	5 400	31,4	61,0	4 800	37,4	64,0	4 300	56,0
58,0	17,1	51,0	5 100	26,6	57,4	4 500	33,3	61,2	4 000	58,0
60,0				20,7	52,9	4 300	28,8	57,9	3 700	60,0
62,0				12,4	46,1	4 000	23,4	53,8	3 500	62,0
64,0							16,6	48,3	3 300	64,0



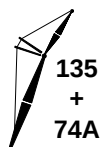
56 000 kg
+
20 450 kg



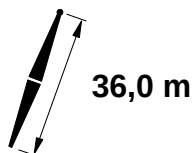
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
18,3	74,0	87,8	15 400							18,3
20,0	72,0	87,2	15 000							20,0
22,0	69,7	86,5	14 500							22,0
24,0	67,3	85,8	13 900							24,0
26,0	64,9	84,9	13 100	67,9	85,7	14 000				26,0
28,0	62,4	83,9	12 400	65,5	84,8	13 400				28,0
30,0	59,9	82,8	11 700	63,0	83,9	12 700	65,3	84,4	13 200	30,0
32,0	57,3	81,5	11 000	60,5	82,8	12 000	62,8	83,5	12 500	32,0
34,0	54,6	80,2	10 400	57,9	81,6	11 300	60,3	82,4	11 900	34,0
36,0	51,8	78,7	9 700	55,3	80,3	10 600	57,7	81,2	11 200	36,0
38,0	49,0	77,0	9 100	52,5	78,8	10 000	55,1	79,9	10 600	38,0
40,0	46,0	75,2	8 600	49,7	77,2	9 400	52,3	78,4	9 900	40,0
42,0	42,8	73,2	8 000	46,7	75,4	8 800	49,5	76,8	9 300	42,0
44,0	39,4	70,9	7 500	43,6	73,4	8 200	46,5	75,0	8 700	44,0
46,0	35,8	68,3	7 000	40,3	71,2	7 700	43,4	73,0	8 100	46,0
48,0	31,9	65,3	6 500	36,8	68,7	7 200	40,1	70,7	7 600	48,0
50,0	27,4	61,8	5 900	32,9	65,8	6 700	36,5	68,2	7 200	50,0
52,0	22,1	57,4	5 400	28,6	62,5	6 100	32,6	65,3	6 700	52,0
54,0	15,2	51,5	4 900	23,5	58,4	5 600	28,2	61,9	6 100	54,0
56,0				17,1	53,0	5 100	23,1	57,7	5 500	56,0
58,0							16,6	52,2	5 000	58,0
60,0										60,0
62,0										62,0
64,0										64,0
66,0										66,0
68,0										68,0

MLC165-1 S-2

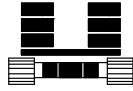
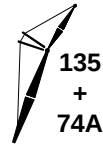
ASME B30.5



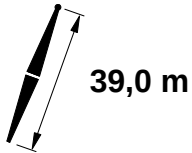
56 000 kg
+
20 450 kg

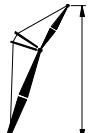


	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
18,3										18,3
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0	61,7	82,2	10 500							36,0
38,0	59,1	81,1	9 700							38,0
40,0	56,5	79,8	9 000							40,0
42,0	53,8	78,5	8 400							42,0
44,0	51,0	76,9	7 800	55,1	78,1	7 000				44,0
46,0	48,1	75,2	7 300	52,4	76,7	6 600				46,0
48,0	45,1	73,3	6 900	49,5	75,1	6 100				48,0
50,0	41,8	71,2	6 400	46,6	73,3	5 800	50,8	74,5	5 100	50,0
52,0	38,4	68,8	6 100	43,4	71,3	5 400	47,9	72,8	4 700	52,0
54,0	34,7	66,1	5 700	40,1	69,0	5 100	44,8	70,9	4 400	54,0
56,0	30,6	63,0	5 400	36,6	66,5	4 700	41,6	68,8	4 100	56,0
58,0	25,9	59,3	5 000	32,7	63,6	4 500	38,2	66,4	3 900	58,0
60,0	20,3	54,6	4 700	28,3	60,2	4 200	34,4	63,7	3 600	60,0
62,0	12,4	47,8	4 400	23,2	56,1	3 900	30,3	60,5	3 400	62,0
64,0				16,7	50,5	3 700	25,6	56,7	3 200	64,0
66,0							19,8	51,9	3 000	66,0
68,0							11,7	44,9	2 700	68,0



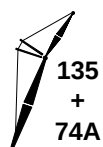
56 000 kg
+
20 450 kg



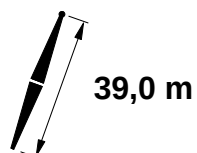
	 87°			 83°			 80°			
										
m	o	m	kg	o	m	kg	o	m	kg	m
9,8	74,8	61,5	40 900 d							9,8
10,0	74,1	61,5	40 900 d							10,0
12,0	68,4	60,8	40 700 c							12,0
14,0	62,5	59,9	36 800 c							14,0
16,0	56,2	58,7	32 600 b	64,6	60,0	35 900 c				16,0
18,0	49,5	57,2	29 400 b	58,5	58,9	31 000 b				18,0
20,0	42,0	55,2	26 900	52,0	57,5	27 100 b	58,6	58,5	25 900 b	20,0
22,0	33,2	52,6	24 900	44,8	55,7	24 000	52,0	57,2	23 000 b	22,0
24,0	21,5	48,8	22 800	36,5	53,4	21 500	44,8	55,4	20 600	24,0
26,0				26,2	50,1	19 400	36,6	53,1	18 600	26,0
28,0							26,3	49,8	16 900	28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0										38,0

MLC165-1 S-2

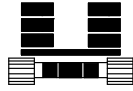
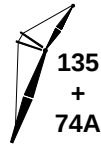
ASME B30.5



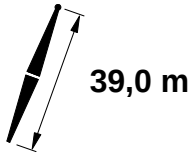
56 000 kg
+
20 450 kg

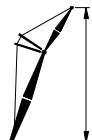
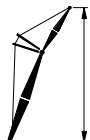


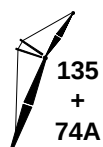
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
9,8										9,8
10,0										10,0
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0	56,4	57,3	19 100 b							24,0
26,0	49,6	55,8	17 200 b							26,0
28,0	42,1	53,9	15 700	53,8	55,7	14 400 b				28,0
30,0	33,4	51,3	14 300	46,8	54,0	13 200				30,0
32,0	21,7	47,4	13 200	39,0	51,9	12 100	50,8	53,6	11 100 b	32,0
34,0				29,4	48,9	11 200	43,5	51,8	10 200	34,0
36,0				15,2	44,1	10 300	35,0	49,4	9 400	36,0
38,0							24,1	45,8	8 700	38,0



56 000 kg
+
20 450 kg



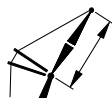
	 87°			 83°			 80°				
	 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
11,0	73,7	64,4	37 400 d								11,0
12,0	71,2	64,1	37 300 c								12,0
14,0	66,2	63,3	35 700 c								14,0
16,0	60,9	62,3	32 400 b	68,0	63,3	35 000 c					16,0
18,0	55,4	61,0	29 100 b	62,8	62,4	31 000 b					18,0
20,0	49,4	59,5	26 500	57,4	61,2	27 000 b	62,8	62,0	25 800 b		20,0
22,0	42,9	57,6	24 500	51,6	59,8	23 900	57,4	60,9	22 900 b		22,0
24,0	35,5	55,1	22 600	45,3	58,0	21 400	51,6	59,5	20 500		24,0
26,0	26,3	51,8	20 500	38,3	55,8	19 400	45,4	57,7	18 500		26,0
28,0				29,9	52,8	17 600	38,3	55,5	16 800		28,0
30,0				18,3	48,4	16 100	29,9	52,5	15 400		30,0
32,0							18,5	48,1	14 100		32,0
34,0											34,0
36,0											36,0
38,0											38,0
40,0											40,0
42,0											42,0



56 000 kg
+
20 450 kg

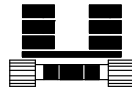
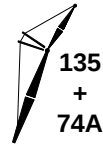


39,0 m

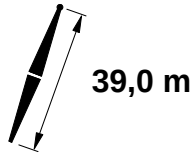


24,4 m

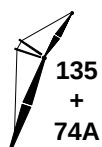
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
11,0										11,0
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	55,5	59,6	17 100 b							26,0
28,0	49,5	58,1	15 500							28,0
30,0	43,0	56,2	14 200	53,2	58,0	13 000				30,0
32,0	35,6	53,8	13 100	47,1	56,3	12 000				32,0
34,0	26,5	50,4	12 000	40,3	54,2	11 000	50,6	56,0	10 000	34,0
36,0				32,4	51,5	10 200	44,2	54,1	9 300	36,0
38,0				22,1	47,6	9 500	37,0	51,8	8 600	38,0
40,0							28,3	48,7	8 000	40,0
42,0							15,7	43,7	7 400	42,0



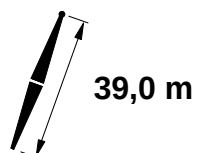
56 000 kg
+
20 450 kg



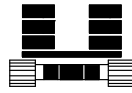
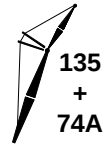
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
11,6	74,3	67,4	34 200 d						11,6	
12,0	73,4	67,3	34 100 c						12,0	
14,0	68,9	66,6	33 800 c						14,0	
16,0	64,4	65,7	31 800 b						16,0	
18,0	59,7	64,6	28 900 b	66,0	65,7	30 600 b			18,0	
20,0	54,7	63,4	26 300	61,4	64,8	26 900 b	66,1	65,4	25 700 b	20,0
22,0	49,4	61,8	24 200	56,5	63,6	23 800 b	61,4	64,4	22 800 b	22,0
24,0	43,6	59,9	22 300	51,3	62,1	21 400	56,5	63,2	20 400	24,0
26,0	37,2	57,5	20 200	45,7	60,3	19 300	51,4	61,8	18 400	26,0
28,0	29,6	54,5	18 300	39,6	58,2	17 600	45,8	60,0	16 800	28,0
30,0	19,5	50,1	16 700	32,5	55,4	16 100	39,6	57,8	15 300	30,0
32,0				23,6	51,6	14 800	32,5	55,1	14 100	32,0
34,0							23,6	51,3	13 000	34,0
36,0										36,0
38,0										38,0
40,0										40,0
42,0										42,0
44,0										44,0



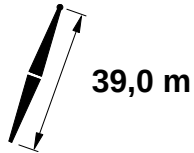
56 000 kg
+
20 450 kg

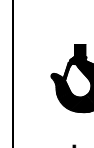
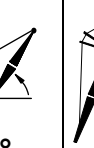
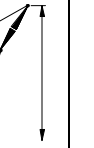


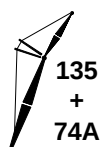
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
11,6										11,6
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	59,7	63,2	17 000 b							26,0
28,0	54,8	62,0	15 400							28,0
30,0	49,5	60,4	14 100							30,0
32,0	43,7	58,5	13 000	52,8	60,3	11 900				32,0
34,0	37,3	56,2	12 000	47,3	58,6	10 900				34,0
36,0	29,7	53,2	11 100	41,4	56,6	10 100	50,4	58,3	9 200	36,0
38,0	19,7	48,8	10 300	34,6	54,0	9 400	44,8	56,4	8 500	38,0
40,0				26,3	50,6	8 700	38,5	54,2	7 900	40,0
42,0				14,2	45,2	8 100	31,2	51,3	7 400	42,0
44,0							21,8	47,3	6 900	44,0



56 000 kg
+
20 450 kg



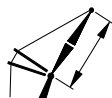
	87°			83°			80°			
										
	m	°	m	kg	°	m	kg	°	m	kg
12,2	74,7		70,4	31 400 c						12,2
14,0	71,1		69,8	31 200 c						14,0
16,0	67,1		69,0	30 500 b						16,0
18,0	63,0		68,1	28 300 b						18,0
20,0	58,7		67,0	25 900	64,5	68,2	26 700 b			20,0
22,0	54,1		65,7	23 700	60,2	67,1	23 700	64,5	67,9	22 600 b
24,0	49,4		64,1	21 600	55,8	65,9	21 200	60,2	66,8	20 200
26,0	44,2		62,2	19 600	51,1	64,4	19 200	55,8	65,6	18 300
28,0	38,5		59,9	17 900	46,1	62,6	17 400	51,1	64,1	16 600
30,0	32,0		57,1	16 300	40,6	60,5	16 000	46,1	62,3	15 200
32,0	24,0		53,3	14 900	34,4	57,9	14 700	40,6	60,2	14 000
34,0					27,1	54,5	13 600	34,5	57,6	12 900
36,0					17,0	49,6	12 600	27,1	54,2	12 000
38,0								17,1	49,3	11 100
40,0										
42,0										
44,0										
46,0										
48,0										



56 000 kg
+
20 450 kg

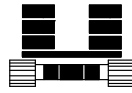
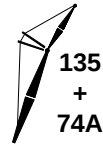


39,0 m

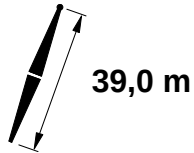


30,5 m

	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
12,2										12,2
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0	58,7	65,6	15 300							28,0
30,0	54,2	64,3	14 000							30,0
32,0	49,4	62,7	12 800	57,0	64,0	11 700				32,0
34,0	44,3	60,8	11 800	52,4	62,6	10 800				34,0
36,0	38,6	58,6	11 000	47,5	60,9	10 000				36,0
38,0	32,1	55,7	10 200	42,2	58,9	9 200				38,0
40,0	24,1	52,0	9 500	36,2	56,5	8 600	45,2	58,7	7 700	40,0
42,0				29,3	53,4	8 000	39,6	56,6	7 200	42,0
44,0				20,3	49,0	7 500	33,3	53,9	6 700	44,0
46,0							25,7	50,3	6 300	46,0
48,0							14,8	44,9	5 800	48,0



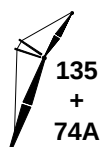
56 000 kg
+
20 450 kg



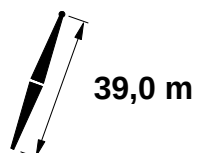
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
13,7	73,4	73,1	28 900 c						13,7	
14,0	72,9	73,0	28 800 c						14,0	
16,0	69,3	72,3	28 200 b						16,0	
18,0	65,6	71,5	26 400						18,0	
20,0	61,8	70,5	24 500	66,9	71,5	26 800 b			20,0	
22,0	57,8	69,3	22 600	63,1	70,6	23 700			22,0	
24,0	53,7	68,0	20 800	59,2	69,5	21 200	63,2	70,3	24,0	20 200
26,0	49,3	66,4	19 100	55,2	68,2	19 200	59,3	69,2	26,0	18 300
28,0	44,6	64,5	17 500	50,9	66,7	17 400	55,2	67,9	28,0	16 600
30,0	39,5	62,3	16 000	46,3	64,9	16 000	50,9	66,4	30,0	15 200
32,0	33,8	59,6	14 600	41,4	62,9	14 700	46,4	64,6	32,0	14 000
34,0	27,1	56,2	13 500	35,9	60,4	13 600	41,4	62,5	34,0	12 900
36,0	18,2	51,4	12 500	29,6	57,3	12 600	36,0	60,0	36,0	12 000
38,0				21,7	53,1	11 700	29,7	56,9	38,0	11 100
40,0							21,8	52,8	40,0	10 400
42,0									42,0	
44,0									44,0	
46,0									46,0	
48,0									48,0	
50,0									50,0	

MLC165-1 S-2

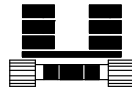
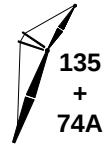
ASME B30.5



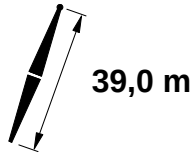
56 000 kg
+
20 450 kg



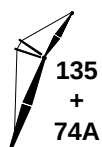
	75°			70°			65°			
	m	m	kg	m	kg	m	kg	m	m	
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0	61,8	69,1	15 300							28,0
30,0	57,9	68,0	13 900							30,0
32,0	53,8	66,6	12 800							32,0
34,0	49,4	65,0	11 800	56,3	66,4	10 800				34,0
36,0	44,7	63,1	11 000	52,1	64,9	9 900				36,0
38,0	39,6	60,9	10 200	47,6	63,2	9 200				38,0
40,0	33,9	58,3	9 500	42,8	61,3	8 600	50,2	62,9	7 700	40,0
42,0	27,2	54,9	8 900	37,5	58,9	8 000	45,6	61,1	7 200	42,0
44,0	18,4	50,1	8 300	31,5	56,0	7 500	40,6	58,9	6 700	44,0
46,0				24,2	52,2	7 000	35,0	56,3	6 300	46,0
48,0				13,6	46,3	6 600	28,5	53,1	5 900	48,0
50,0							20,2	48,7	5 500	50,0



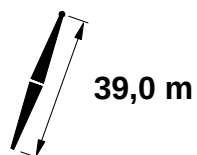
56 000 kg
+
20 450 kg



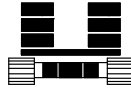
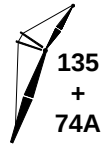
	87°			83°			80°			
	m	°	m	kg	m	°	m	kg	m	m
13,7	74,8	76,3	25 000 c							13,7
14,0	74,4	76,2	25 000 c							14,0
16,0	71,1	75,6	25 000 b							16,0
18,0	67,7	74,8	24 300							18,0
20,0	64,3	73,9	22 900	68,9	74,8	24 900 b				20,0
22,0	60,8	72,9	21 400	65,5	74,0	23 800				22,0
24,0	57,1	71,7	19 900	62,0	73,0	21 100	65,6	73,6	20 100	24,0
26,0	53,3	70,3	18 400	58,4	71,8	19 000	62,1	72,7	18 100	26,0
28,0	49,3	68,7	17 000	54,7	70,5	17 300	58,5	71,5	16 500	28,0
30,0	45,0	66,8	15 600	50,7	69,0	15 800	54,7	70,2	15 100	30,0
32,0	40,4	64,7	14 400	46,6	67,2	14 600	50,8	68,7	13 800	32,0
34,0	35,3	62,1	13 300	42,1	65,2	13 500	46,6	66,9	12 800	34,0
36,0	29,4	58,9	12 300	37,2	62,8	12 500	42,1	64,9	11 800	36,0
38,0	22,2	54,8	11 400	31,6	59,9	11 600	37,2	62,5	11 000	38,0
40,0				25,0	56,1	10 800	31,7	59,5	10 300	40,0
42,0				16,1	50,8	10 100	25,1	55,8	9 600	42,0
44,0							16,2	50,5	9 000	44,0
46,0										46,0
48,0										48,0
50,0										50,0
52,0										52,0
54,0										54,0



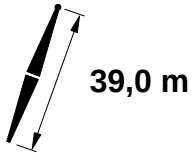
56 000 kg
+
20 450 kg



	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0	60,8	71,5	13 800							30,0
32,0	57,2	70,3	12 600							32,0
34,0	53,4	68,9	11 700							34,0
36,0	49,4	67,3	10 800	55,7	68,7	9 800				36,0
38,0	45,1	65,5	10 000	51,9	67,2	9 100				38,0
40,0	40,5	63,3	9 300	47,7	65,5	8 400				40,0
42,0	35,4	60,7	8 700	43,4	63,6	7 900	50,1	65,2	7 000	42,0
44,0	29,5	57,6	8 200	38,6	61,3	7 300	45,9	63,4	6 500	44,0
46,0	22,4	53,5	7 600	33,2	58,5	6 900	41,3	61,3	6 100	46,0
48,0				27,0	55,1	6 400	36,3	58,8	5 700	48,0
50,0				19,0	50,4	6 000	30,6	55,8	5 400	50,0
52,0							23,8	51,9	5 000	52,0
54,0							14,1	46,0	4 700	54,0



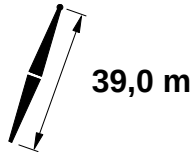
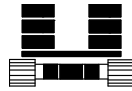
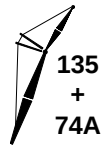
56 000 kg
+
20 450 kg



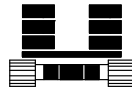
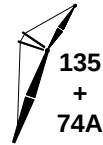
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2	73,7	79,0	20 800 b							15,2
16,0	72,6	78,8	20 600 b							16,0
18,0	69,5	78,1	20 100							18,0
20,0	66,4	77,3	19 700	70,6	78,1	20 400 b				20,0
22,0	63,2	76,3	19 300	67,5	77,3	20 100				22,0
24,0	59,9	75,3	18 400	64,4	76,4	19 800				24,0
26,0	56,5	74,0	17 200	61,1	75,4	18 900	64,4	76,1	18 000	26,0
28,0	53,0	72,6	16 000	57,7	74,2	17 200	61,1	75,0	16 400	28,0
30,0	49,3	71,0	14 900	54,3	72,8	15 700	57,8	73,9	15 000	30,0
32,0	45,3	69,1	13 800	50,6	71,3	14 500	54,3	72,5	13 700	32,0
34,0	41,1	67,0	12 800	46,8	69,5	13 400	50,6	71,0	12 700	34,0
36,0	36,5	64,5	11 900	42,6	67,5	12 400	46,8	69,2	11 800	36,0
38,0	31,3	61,6	11 000	38,2	65,2	11 500	42,7	67,2	10 900	38,0
40,0	25,2	57,8	10 300	33,2	62,4	10 800	38,2	64,9	10 200	40,0
42,0	17,2	52,7	9 600	27,5	59,0	10 100	33,3	62,1	9 500	42,0
44,0				20,4	54,5	9 400	27,6	58,7	8 900	44,0
46,0							20,4	54,2	8 400	46,0
48,0										48,0
50,0										50,0
52,0										52,0
54,0										54,0
56,0										56,0

MLC165-1 S-2

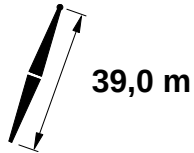
ASME B30.5

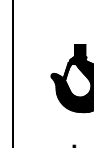
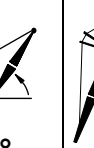
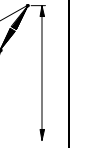


	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	60,0	73,9	12 500							32,0
34,0	56,6	72,6	11 600							34,0
36,0	53,0	71,2	10 700							36,0
38,0	49,3	69,6	9 900	55,2	71,0	9 000				38,0
40,0	45,4	67,8	9 200	51,6	69,5	8 300				40,0
42,0	41,2	65,6	8 600	47,8	67,8	7 800				42,0
44,0	36,6	63,2	8 100	43,8	65,9	7 200	50,0	67,5	6 400	44,0
46,0	31,4	60,2	7 600	39,5	63,7	6 800	46,1	65,7	6 000	46,0
48,0	25,3	56,5	7 100	34,7	61,0	6 300	41,9	63,6	5 600	48,0
50,0	17,4	51,4	6 700	29,2	57,8	5 900	37,4	61,2	5 300	50,0
52,0				22,6	53,7	5 600	32,4	58,3	4 900	52,0
54,0				13,1	47,5	5 200	26,5	54,8	4 600	54,0
56,0							19,0	50,0	4 300	56,0



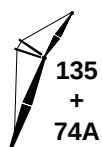
56 000 kg
+
20 450 kg



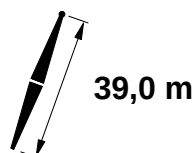
	87°			83°			80°			
										
	m	°	m	kg	m	°	m	kg	m	°
15,2	74,9	82,2	19 400 b							15,2
16,0	73,9	82,0	19 300 b							16,0
18,0	71,1	81,3	18 900							18,0
20,0	68,2	80,6	18 500							20,0
22,0	65,3	79,7	18 000	69,2	80,6	18 800				22,0
24,0	62,3	78,7	17 200	66,3	79,8	18 500				24,0
26,0	59,2	77,6	16 200	63,3	78,8	18 200	66,3	79,4	17 800	26,0
28,0	56,0	76,3	15 200	60,3	77,7	17 100	63,4	78,5	16 200	28,0
30,0	52,7	74,9	14 300	57,2	76,5	15 600	60,3	77,4	14 800	30,0
32,0	49,3	73,3	13 300	53,9	75,2	14 300	57,2	76,2	13 600	32,0
34,0	45,6	71,5	12 400	50,5	73,6	13 200	53,9	74,8	12 500	34,0
36,0	41,7	69,4	11 600	46,9	71,9	12 300	50,5	73,3	11 600	36,0
38,0	37,5	66,9	10 800	43,1	69,9	11 400	46,9	71,5	10 800	38,0
40,0	32,8	64,1	10 100	39,0	67,6	10 600	43,2	69,5	10 100	40,0
42,0	27,5	60,7	9 400	34,6	64,9	9 900	39,1	67,2	9 400	42,0
44,0	20,9	56,2	8 800	29,5	61,7	9 300	34,6	64,6	8 800	44,0
46,0				23,5	57,7	8 700	29,5	61,4	8 200	46,0
48,0				15,4	52,0	8 200	23,5	57,4	7 700	48,0
50,0							15,4	51,7	7 300	50,0
52,0										52,0
54,0										54,0
56,0										56,0
58,0										58,0
60,0										60,0

MLC165-1 S-2

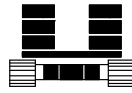
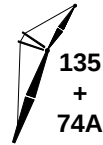
ASME B30.5



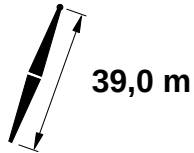
56 000 kg
+
20 450 kg

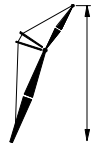
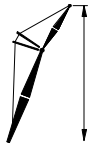
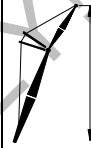


	75°			70°			65°			
	m	m	kg	m	kg	m	kg	m	kg	m
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	62,3	77,3	12 400							32,0
34,0	59,2	76,2	11 400							34,0
36,0	56,1	75,0	10 500							36,0
38,0	52,8	73,5	9 800							38,0
40,0	49,3	71,9	9 100	54,8	73,3	8 200				40,0
42,0	45,7	70,1	8 500	51,5	71,8	7 600				42,0
44,0	41,8	68,0	7 900	47,9	70,1	7 100				44,0
46,0	37,6	65,6	7 400	44,2	68,2	6 600	49,9	69,8	5 800	46,0
48,0	32,9	62,7	7 000	40,2	66,0	6 200	46,3	68,0	5 400	48,0
50,0	27,6	59,3	6 500	35,8	63,5	5 800	42,5	65,9	5 100	50,0
52,0	21,1	54,9	6 100	31,0	60,4	5 400	38,3	63,6	4 800	52,0
54,0				25,3	56,7	5 100	33,8	60,8	4 400	54,0
56,0				18,0	51,6	4 800	28,6	57,5	4 200	56,0
58,0							22,3	53,3	3 900	58,0
60,0							13,6	47,2	3 600	60,0



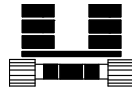
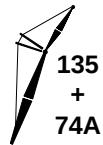
56 000 kg
+
20 450 kg



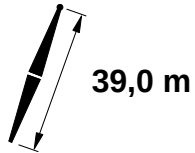
	 87°			 83°			 80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
16,8	74,0	84,9	17 900 b							16,8
18,0	72,4	84,5	17 700							18,0
20,0	69,7	83,9	17 300							20,0
22,0	67,0	83,1	16 700							22,0
24,0	64,3	82,2	15 900	68,0	83,1	17 200				24,0
26,0	61,4	81,1	15 200	65,2	82,2	16 800				26,0
28,0	58,6	80,0	14 400	62,5	81,2	16 100	65,3	81,9	16 200	28,0
30,0	55,6	78,7	13 600	59,6	80,1	15 300	62,5	80,9	14 800	30,0
32,0	52,5	77,2	12 800	56,6	78,9	14 300	59,6	79,8	13 600	32,0
34,0	49,2	75,6	12 000	53,6	77,5	13 200	56,7	78,5	12 500	34,0
36,0	45,8	73,8	11 200	50,4	75,9	12 200	53,6	77,1	11 600	36,0
38,0	42,2	71,7	10 500	47,1	74,2	11 400	50,4	75,6	10 800	38,0
40,0	38,4	69,3	9 900	43,5	72,2	10 600	47,1	73,8	10 000	40,0
42,0	34,1	66,6	9 200	39,8	69,9	9 900	43,6	71,9	9 400	42,0
44,0	29,3	63,4	8 700	35,7	67,3	9 300	39,8	69,6	8 800	44,0
46,0	23,7	59,4	8 100	31,1	64,3	8 700	35,7	67,0	8 200	46,0
48,0	16,4	53,9	7 700	25,8	60,6	8 200	31,1	64,0	7 700	48,0
50,0				19,3	55,8	7 700	25,9	60,3	7 200	50,0
52,0							19,4	55,5	6 800	52,0
54,0										54,0
56,0										56,0
58,0										58,0
60,0										60,0
62,0										62,0
64,0										64,0

MLC165-1 S-2

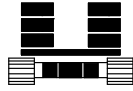
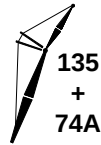
ASME B30.5



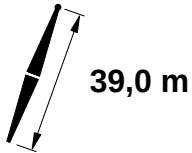
56 000 kg
+
20 450 kg

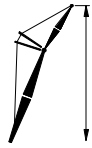
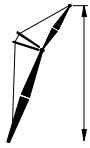
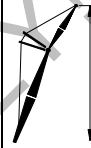


	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0	61,5	79,7	11 400							34,0
36,0	58,6	78,6	10 500							36,0
38,0	55,6	77,3	9 700							38,0
40,0	52,5	75,8	9 100							40,0
42,0	49,3	74,2	8 400	54,4	75,7	7 500				42,0
44,0	45,9	72,4	7 900	51,3	74,1	7 000				44,0
46,0	42,3	70,3	7 400	48,0	72,4	6 600				46,0
48,0	38,4	68,0	6 900	44,5	70,5	6 200	49,9	72,1	5 400	48,0
50,0	34,2	65,2	6 500	40,8	68,4	5 800	46,5	70,3	5 000	50,0
52,0	29,4	62,0	6 100	36,8	65,9	5 400	42,9	68,3	4 700	52,0
54,0	23,8	58,0	5 700	32,4	63,0	5 100	39,1	66,0	4 400	54,0
56,0	16,6	52,6	5 400	27,4	59,5	4 800	35,0	63,3	4 100	56,0
58,0				21,3	55,1	4 500	30,3	60,2	3 900	58,0
60,0				12,8	48,6	4 200	24,9	56,4	3 600	60,0
62,0							18,0	51,3	3 400	62,0
64,0							6,0	41,9	3 100	64,0



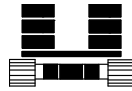
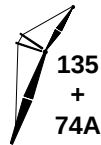
56 000 kg
+
20 450 kg



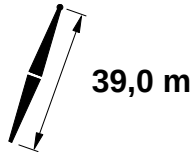
	 87°			 83°			 80°			
										
m	°	m	kg	°	m	kg	°	m	kg	m
18,3	73,1	87,6	16 300							18,3
20,0	71,0	87,1	15 800							20,0
22,0	68,5	86,4	15 300							22,0
24,0	66,0	85,5	14 700	69,4	86,3	15 900				24,0
26,0	63,4	84,6	14 000	66,9	85,5	15 300				26,0
28,0	60,7	83,5	13 400	64,3	84,6	14 600	66,9	85,2	15 100	28,0
30,0	58,0	82,3	12 700	61,7	83,6	13 900	64,3	84,3	14 500	30,0
32,0	55,2	81,0	12 100	59,0	82,5	13 200	61,7	83,3	13 400	32,0
34,0	52,3	79,5	11 400	56,2	81,2	12 500	59,0	82,1	12 400	34,0
36,0	49,2	77,9	10 800	53,3	79,8	11 800	56,2	80,9	11 400	36,0
38,0	46,0	76,1	10 200	50,3	78,2	11 100	53,3	79,5	10 600	38,0
40,0	42,7	74,0	9 600	47,2	76,5	10 500	50,3	77,9	9 900	40,0
42,0	39,1	71,7	9 000	43,9	74,5	9 800	47,2	76,1	9 200	42,0
44,0	35,2	69,1	8 500	40,4	72,3	9 200	43,9	74,2	8 600	44,0
46,0	30,9	66,0	8 000	36,6	69,8	8 600	40,4	72,0	8 100	46,0
48,0	25,9	62,3	7 500	32,5	66,9	8 100	36,6	69,5	7 600	48,0
50,0	19,9	57,6	7 100	27,8	63,4	7 600	32,5	66,5	7 100	50,0
52,0				22,2	59,1	7 100	27,8	63,1	6 700	52,0
54,0				14,8	53,2	6 700	22,3	58,8	6 300	54,0
56,0							14,9	52,9	5 900	56,0
58,0										58,0
60,0										60,0
62,0										62,0
64,0										64,0
66,0										66,0

MLC165-1 S-2

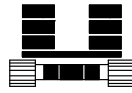
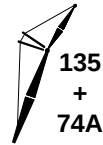
ASME B30.5



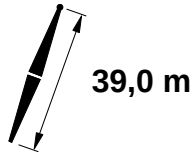
56 000 kg
+
20 450 kg



	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
18,3										18,3
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0	60,8	82,1	10 300							36,0
38,0	58,0	80,9	9 600							38,0
40,0	55,2	79,6	8 900							40,0
42,0	52,3	78,1	8 300							42,0
44,0	49,3	76,5	7 700	54,1	78,0	6 900				44,0
46,0	46,1	74,7	7 200	51,1	76,4	6 400				46,0
48,0	42,7	72,6	6 800	48,1	74,7	6 000				48,0
50,0	39,1	70,3	6 400	44,8	72,8	5 600	49,8	74,4	4 900	50,0
52,0	35,3	67,7	6 000	41,4	70,7	5 300	46,7	72,6	4 600	52,0
54,0	31,0	64,6	5 600	37,7	68,3	4 900	43,3	70,6	4 300	54,0
56,0	26,0	61,0	5 300	33,7	65,5	4 600	39,8	68,3	4 000	56,0
58,0	20,0	56,2	5 000	29,1	62,2	4 300	36,0	65,8	3 700	58,0
60,0				23,9	58,2	4 100	31,7	62,8	3 500	60,0
62,0				17,2	52,9	3 800	27,0	59,2	3 200	62,0
64,0				4,9	42,6	3 500	21,2	54,7	3 000	64,0
66,0							13,2	48,3	2 800	66,0



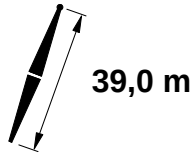
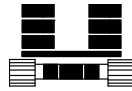
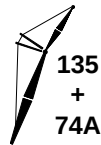
56 000 kg
+
20 450 kg

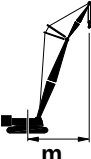
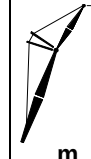


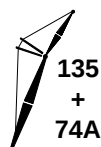
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
18,3	74,2	90,8	14 700						18,3	
20,0	72,2	90,3	14 400						20,0	
22,0	69,8	89,6	13 900						22,0	
24,0	67,5	88,8	13 500						24,0	
26,0	65,1	87,9	13 000	68,3	88,8	14 000			26,0	
28,0	62,6	87,0	12 400	65,9	88,0	13 400			28,0	
30,0	60,1	85,9	11 700	63,5	87,0	12 700	65,9	87,7	13 200	30,0
32,0	57,5	84,7	11 000	61,0	86,0	12 000	63,5	86,7	12 600	32,0
34,0	54,8	83,3	10 400	58,4	84,8	11 400	61,0	85,7	12 000	34,0
36,0	52,1	81,8	9 700	55,8	83,5	10 700	58,4	84,5	11 300	36,0
38,0	49,2	80,2	9 200	53,1	82,1	10 100	55,8	83,2	10 500	38,0
40,0	46,2	78,4	8 600	50,2	80,5	9 500	53,1	81,8	9 800	40,0
42,0	43,1	76,4	8 000	47,3	78,8	8 900	50,3	80,2	9 100	42,0
44,0	39,7	74,1	7 600	44,2	76,8	8 300	47,3	78,4	8 500	44,0
46,0	36,1	71,5	7 000	40,9	74,6	7 800	44,2	76,5	8 000	46,0
48,0	32,2	68,6	6 500	37,4	72,2	7 300	41,0	74,3	7 500	48,0
50,0	27,8	65,1	6 000	33,6	69,4	6 800	37,5	71,9	7 000	50,0
52,0	22,6	60,8	5 400	29,4	66,1	6 200	33,7	69,1	6 600	52,0
54,0	15,8	55,1	5 000	24,5	62,2	5 600	29,4	65,8	6 200	54,0
56,0				18,5	57,1	5 200	24,6	61,9	5 700	56,0
58,0							18,5	56,8	5 200	58,0
60,0										60,0
62,0										62,0
64,0										64,0
66,0										66,0
68,0										68,0
70,0										70,0

MLC165-1 S-2

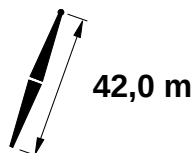
ASME B30.5

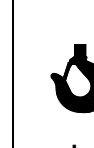
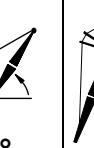
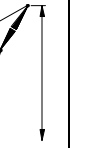


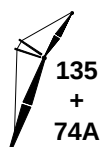
	75°			70°			65°			
										
	m	m	kg	m	kg	m	kg	m	kg	m
18,3										18,3
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0										38,0
40,0	60,1	84,5	9 500							40,0
42,0	57,5	83,3	8 800							42,0
44,0	54,9	81,9	8 200							44,0
46,0	52,1	80,4	7 600							46,0
48,0	49,3	78,8	7 100	53,8	80,3	6 300				48,0
50,0	46,3	77,0	6 700	51,0	78,8	5 900				50,0
52,0	43,1	75,0	6 300	48,1	77,0	5 500				52,0
54,0	39,8	72,7	5 900	45,1	75,2	5 100	49,8	76,7	4 400	54,0
56,0	36,2	70,1	5 500	41,9	73,0	4 800	46,8	74,9	4 100	56,0
58,0	32,3	67,2	5 200	38,4	70,7	4 500	43,7	72,9	3 900	58,0
60,0	27,8	63,7	4 900	34,7	68,0	4 200	40,4	70,7	3 600	60,0
62,0	22,6	59,5	4 600	30,6	64,9	4 000	36,8	68,2	3 400	62,0
64,0	16,0	53,8	4 300	25,9	61,1	3 700	33,0	65,3	3 100	64,0
66,0				20,3	56,5	3 500	28,7	62,0	2 900	66,0
68,0				12,5	49,7	3 300	23,6	57,9	2 700	68,0
70,0							17,3	52,5	2 500	70,0
							6,6	43,1	2 200	



56 000 kg
+
20 450 kg

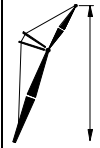
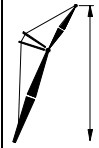
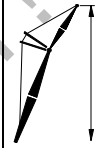


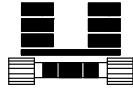
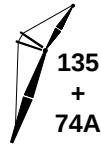
	87°			83°			80°			
										
	m	°	m	kg	m	°	m	kg	m	m
10,4	73,5	64,4	39 100 d							10,4
12,0	68,9	63,8	38 900 c							12,0
14,0	63,0	63,0	35 700 c							14,0
16,0	56,8	61,8	31 600 b							16,0
18,0	50,1	60,3	28 600 b	65,7	63,1	35 300 c				18,0
				59,6	62,1	30 800 b				
20,0	42,6	58,4	26 200	53,2	60,7	26 900 b	60,2	61,8	25 600 b	20,0
22,0	34,0	55,9	24 300	46,1	59,0	23 900 b	53,8	60,5	22 700 b	22,0
24,0	22,6	52,1	22 600	38,1	56,8	21 400	46,8	58,8	20 400	24,0
26,0				28,3	53,8	19 300	38,9	56,7	18 400	26,0
28,0							29,3	53,7	16 700	28,0
30,0							15,0	48,8	15 300	30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0										38,0



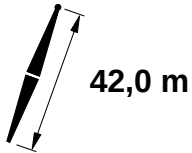
56 000 kg
+
20 450 kg

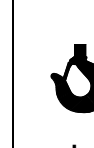
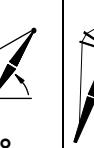
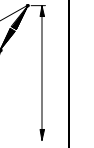


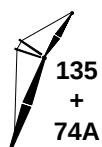
	75°			70°			65°			
										
	m	m	kg	m	m	kg	m	m	kg	m
10,4										10,4
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0	58,8	60,7	18 700 b							24,0
26,0	52,3	59,3	16 900 b							26,0
28,0	45,1	57,6	15 300							28,0
30,0	37,0	55,3	14 000	50,5	57,7	12 800 b				30,0
32,0	26,8	52,0	12 900	43,1	55,9	11 700				32,0
34,0				34,6	53,4	10 800	48,2	55,7	9 800 b	34,0
36,0				23,5	49,8	10 000	40,6	53,7	9 000	36,0
38,0							31,4	50,9	8 300	38,0



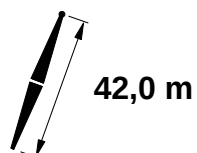
56 000 kg
+
20 450 kg



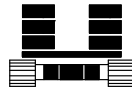
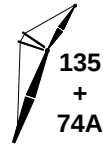
	87°			83°			80°			
										
	m	°	m	kg	m	°	m	kg	m	m
11,0	74,1	67,4	35 800 d							11,0
12,0	71,6	67,1	35 700 c							12,0
14,0	66,6	66,3	34 700 c							14,0
16,0	61,3	65,3	31 400 b	68,9	66,4	34 000 c				16,0
18,0	55,8	64,1	28 200 b	63,8	65,5	30 600 b				18,0
20,0	49,9	62,6	25 800	58,4	64,4	26 800 b	64,2	65,2	25 500 b	20,0
22,0	43,5	60,7	23 800	52,7	63,0	23 700 b	58,9	64,2	22 600 b	22,0
24,0	36,1	58,3	21 800	46,5	61,3	21 300	53,2	62,8	20 200	24,0
26,0	27,1	55,1	19 700	39,6	59,2	19 200	47,1	61,1	18 300	26,0
28,0				31,5	56,4	17 500	40,2	59,0	16 600	28,0
30,0				20,9	52,3	16 000	32,3	56,3	15 200	30,0
32,0							22,0	52,4	14 000	32,0
34,0										34,0
36,0										36,0
38,0										38,0
40,0										40,0
42,0										42,0



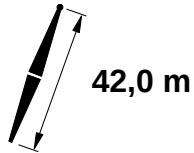
56 000 kg
+
20 450 kg



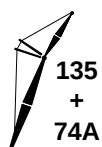
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
11,0										11,0
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	57,7	63,0	16 700 b							26,0
28,0	51,9	61,6	15 200							28,0
30,0	45,6	59,9	13 900							30,0
32,0	38,6	57,7	12 800	50,3	60,0	11 600				32,0
34,0	30,3	54,7	11 800	43,9	58,2	10 700				34,0
36,0	19,1	50,4	10 900	36,6	55,8	9 900	48,3	58,0	8 800	36,0
38,0				27,8	52,6	9 100	41,7	56,0	8 200	38,0
40,0							34,0	53,5	7 600	40,0
42,0							24,4	49,9	7 100	42,0



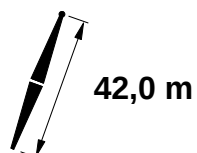
56 000 kg
+
20 450 kg



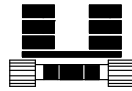
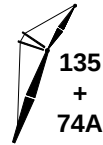
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
11,6	74,6	70,4	32 800 d						11,6	
12,0	73,7	70,3	32 800 c						12,0	
14,0	69,3	69,6	32 400 c						14,0	
16,0	64,8	68,8	30 700 b						16,0	
18,0	60,0	67,7	27 900 b	66,9	68,9	30 200 b			18,0	
20,0	55,1	66,4	25 500	62,2	67,9	26 700 b	67,2	68,6	25 400 b	20,0
22,0	49,8	64,9	23 200	57,4	66,8	23 600 b	62,6	67,6	22 500 b	22,0
24,0	44,1	63,0	21 100	52,3	65,3	21 200	57,8	66,5	20 100	24,0
26,0	37,7	60,7	19 100	46,8	63,6	19 200	52,7	65,1	18 200	26,0
28,0	30,2	57,8	17 400	40,8	61,6	17 400	47,3	63,4	16 600	28,0
30,0	20,5	53,5	16 000	33,9	58,9	16 000	41,3	61,4	15 100	30,0
32,0				25,4	55,4	14 700	34,5	58,8	13 900	32,0
34,0							26,2	55,4	12 900	34,0
36,0							14,0	49,9	11 900	36,0
38,0										38,0
40,0										40,0
42,0										42,0
44,0										44,0



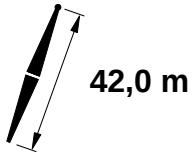
56 000 kg
+
20 450 kg



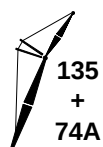
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
11,6										11,6
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	61,6	66,6	16 600 b							26,0
28,0	56,7	65,4	15 100 b							28,0
30,0	51,6	63,9	13 800							30,0
32,0	46,0	62,2	12 700	55,4	63,9	11 400				32,0
34,0	39,9	60,0	11 700	50,2	62,3	10 600				34,0
36,0	32,8	57,3	10 800	44,5	60,5	9 800				36,0
38,0	24,1	53,6	10 100	38,2	58,2	9 100	48,4	60,3	8 100	38,0
40,0				30,8	55,3	8 400	42,6	58,4	7 500	40,0
42,0				21,2	51,2	7 800	35,9	55,9	7 000	42,0
44,0							28,1	52,7	6 500	44,0



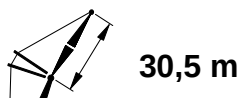
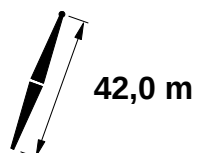
56 000 kg
+
20 450 kg



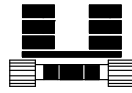
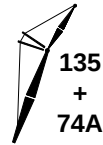
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
12,2	75,0	73,4	30 200 c						12,2	
14,0	71,4	72,8	29 900 c						14,0	
16,0	67,4	72,1	28 400 b						16,0	
18,0	63,3	71,2	26 300 b						18,0	
20,0	59,0	70,1	24 200	65,2	71,3	26 600 b			20,0	
22,0	54,5	68,8	22 200	61,0	70,3	23 500 b	65,6	71,0	22 300 b	22,0
24,0	49,7	67,2	20 300	56,6	69,1	21 100	61,4	70,0	20 000	24,0
26,0	44,6	65,4	18 600	52,0	67,7	19 000	57,0	68,8	18 000	26,0
28,0	39,0	63,1	16 900	47,0	65,9	17 300	52,4	67,4	16 400	28,0
30,0	32,5	60,3	15 500	41,6	63,9	15 800	47,4	65,7	15 000	30,0
32,0	24,7	56,7	14 200	35,6	61,4	14 600	42,1	63,7	13 800	32,0
34,0				28,5	58,2	13 500	36,1	61,3	12 700	34,0
36,0				19,2	53,7	12 500	29,2	58,1	11 800	36,0
38,0							20,2	53,8	11 000	38,0
40,0										40,0
42,0										42,0
44,0										44,0
46,0										46,0
48,0										48,0



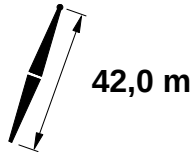
56 000 kg
+
20 450 kg



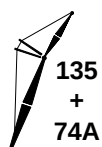
	75°			70°			65°			
	m	m	kg	m	kg	m	kg	m	m	
12,2										12,2
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0	60,4	68,9	14 900							28,0
30,0	56,0	67,7	13 600							30,0
32,0	51,3	66,2	12 500							32,0
34,0	46,3	64,5	11 600	54,8	66,2	10 400				34,0
36,0	40,9	62,4	10 700	50,1	64,6	9 600				36,0
38,0	34,7	59,8	9 900	45,0	62,8	8 900				38,0
40,0	27,5	56,5	9 200	39,3	60,6	8 300	48,5	62,6	7 300	40,0
42,0	17,6	51,7	8 600	33,0	57,9	7 700	43,2	60,7	6 800	42,0
44,0				25,2	54,3	7 200	37,4	58,3	6 400	44,0
46,0							30,7	55,4	5 900	46,0
48,0							22,3	51,4	5 500	48,0



56 000 kg
+
20 450 kg



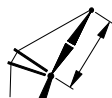
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
13,7	73,7	76,1	27 800 c						13,7	
14,0	73,2	76,0	27 600 c						14,0	
16,0	69,6	75,4	26 300 b						16,0	
18,0	65,9	74,6	24 600 b						18,0	
20,0	62,1	73,6	22 900	67,6	74,6	26 200 b			20,0	
22,0	58,1	72,4	21 200	63,8	73,7	23 500			22,0	
24,0	54,0	71,1	19 600	60,0	72,7	21 000	64,2	73,5	24,0	20 000
26,0	49,7	69,5	18 000	55,9	71,4	19 000	60,3	72,4	26,0	18 000
28,0	45,0	67,7	16 500	51,7	70,0	17 300	56,3	71,2	28,0	16 400
30,0	40,0	65,5	15 200	47,2	68,2	15 800	52,1	69,7	30,0	15 000
32,0	34,3	62,8	14 000	42,3	66,2	14 600	47,6	68,0	32,0	13 800
34,0	27,7	59,5	12 900	37,0	63,8	13 500	42,8	66,1	34,0	12 700
36,0	19,0	54,9	12 000	30,9	60,8	12 500	37,5	63,7	36,0	11 800
38,0				23,4	56,9	11 600	31,4	60,8	38,0	11 000
40,0							24,1	57,0	40,0	10 200
42,0							13,4	51,1	42,0	9 500
44,0									44,0	
46,0									46,0	
48,0									48,0	
50,0									50,0	



56 000 kg
+
20 450 kg

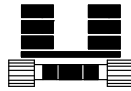
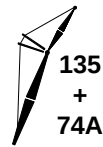


42,0 m

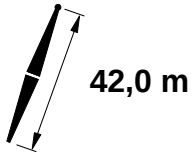


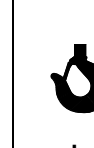
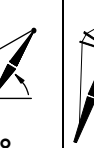
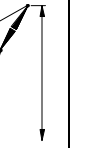
33,5 m

	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0	59,4	71,3	13 600							30,0
32,0	55,4	70,0	12 500							32,0
34,0	51,1	68,5	11 500							34,0
36,0	46,6	66,8	10 700	54,3	68,5	9 600				36,0
38,0	41,7	64,7	9 900	50,0	66,9	8 900				38,0
40,0	36,2	62,2	9 300	45,3	65,1	8 300				40,0
42,0	30,0	59,2	8 600	40,3	63,0	7 700	48,5	64,9	6 800	42,0
44,0	22,2	55,1	8 100	34,7	60,4	7 200	43,8	63,0	6 300	44,0
46,0				28,1	57,1	6 700	38,6	60,7	5 900	46,0
48,0				19,7	52,6	6 300	32,7	57,9	5 500	48,0
50,0							25,7	54,4	5 200	50,0



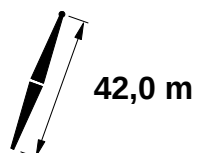
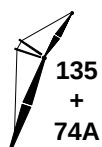
56 000 kg
+
20 450 kg



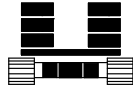
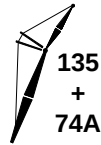
	87°			83°			80°			
										
	m	°	m	kg	m	°	m	kg	m	m
15,2	72,6	78,8	24 500 b							15,2
16,0	71,3	78,6	24 100 b							16,0
18,0	68,0	77,9	22 800							18,0
20,0	64,6	77,0	21 500							20,0
22,0	61,1	76,0	20 100	69,5	77,9	24 700 b				22,0
24,0	57,4	74,8	18 700	66,2	77,1	23 200				24,0
26,0	53,6	73,4	17 300	62,7	76,1	20 900				26,0
28,0	49,6	71,8	16 000	59,1	75,0	18 900	63,0	75,9	17 900	28,0
30,0	45,4	70,0	14 800	55,4	73,7	17 200	59,4	74,8	16 200	30,0
32,0	40,8	67,8	13 700	51,5	72,3	15 700	55,7	73,5	14 800	32,0
34,0	35,7	65,3	12 600	47,3	70,5	14 400	51,8	72,0	13 700	34,0
36,0	29,9	62,2	11 700	42,9	68,6	13 300	47,7	70,3	12 600	36,0
38,0	22,9	58,2	10 900	38,1	66,2	12 400	43,3	68,4	11 700	38,0
40,0				32,7	63,4	11 500	38,5	66,1	10 900	40,0
42,0				26,3	59,9	10 700	33,2	63,3	10 100	42,0
44,0				18,0	55,0	10 000	26,9	59,8	9 500	44,0
46,0							18,9	55,1	8 800	46,0
48,0										48,0
50,0										50,0
52,0										52,0
54,0										54,0

MLC165-1 S-2

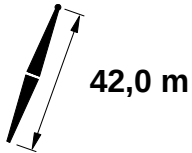
ASME B30.5

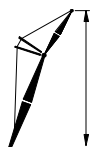
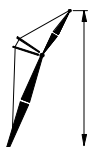
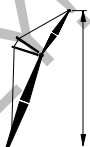


	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	58,6	73,7	12 300							32,0
34,0	54,9	72,3	11 400							34,0
36,0	50,9	70,8	10 500							36,0
38,0	46,8	69,1	9 800	53,9	70,8	8 700				38,0
40,0	42,3	67,1	9 100	49,9	69,2	8 100				40,0
42,0	37,4	64,7	8 500	45,6	67,4	7 500				42,0
44,0	31,9	61,8	7 900	41,1	65,3	7 000	48,6	67,2	6 200	44,0
46,0	25,4	58,1	7 400	36,1	62,8	6 600	44,2	65,3	5 800	46,0
48,0	16,6	52,9	7 000	30,3	59,7	6 200	39,5	63,1	5 400	48,0
50,0				23,4	55,8	5 800	34,3	60,4	5 000	50,0
52,0							28,3	57,2	4 700	52,0
54,0							20,7	52,8	4 400	54,0



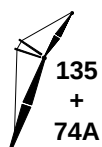
56 000 kg
+
20 450 kg



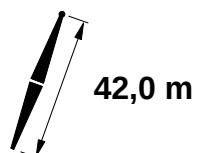
	 87°			 83°			 80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
15,2	74,0	82,0	20 300 b							15,2
16,0	72,8	81,8	20 100 b							16,0
18,0	69,8	81,1	19 700							18,0
20,0	66,7	80,3	19 200							20,0
22,0	63,5	79,4	18 400	68,1	80,4	19 700				22,0
24,0	60,2	78,3	17 300	64,9	79,5	19 400				24,0
26,0	56,8	77,1	16 200	61,7	78,5	18 800	65,2	79,3	17 700	26,0
28,0	53,3	75,7	15 100	58,4	77,4	17 100	62,0	78,3	16 100	28,0
30,0	49,6	74,1	14 100	54,9	76,1	15 600	58,7	77,1	14 700	30,0
32,0	45,7	72,3	13 100	51,3	74,6	14 400	55,2	75,8	13 500	32,0
34,0	41,5	70,2	12 200	47,5	72,9	13 300	51,6	74,3	12 500	34,0
36,0	36,9	67,7	11 300	43,4	70,9	12 300	47,8	72,6	11 600	36,0
38,0	31,7	64,8	10 500	39,0	68,6	11 400	43,8	70,7	10 800	38,0
40,0	25,7	61,1	9 800	34,2	65,9	10 700	39,4	68,4	10 000	40,0
42,0	17,9	56,2	9 200	28,6	62,6	10 000	34,6	65,8	9 400	42,0
44,0				21,8	58,4	9 300	29,1	62,6	8 800	44,0
46,0							22,5	58,4	8 200	46,0
48,0							13,0	52,2	7 700	48,0
50,0										50,0
52,0										52,0
54,0										54,0
56,0										56,0

MLC165-1 S-2

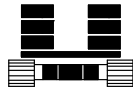
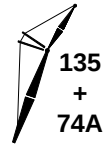
ASME B30.5



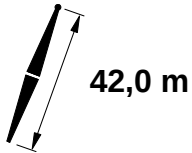
56 000 kg
+
20 450 kg



	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	61,3	77,2	12 200							32,0
34,0	57,9	76,0	11 300							34,0
36,0	54,4	74,7	10 400							36,0
38,0	50,8	73,1	9 700							38,0
40,0	47,0	71,4	9 000	53,5	73,1	8 000				40,0
42,0	42,9	69,4	8 400	49,8	71,5	7 400				42,0
44,0	38,4	67,1	7 900	45,9	69,7	6 900				44,0
46,0	33,5	64,3	7 400	41,7	67,7	6 500				46,0
48,0	27,8	60,9	6 900	37,2	65,2	6 100	48,6	69,5	5 600	48,0
50,0	20,8	56,5	6 500	32,1	62,3	5 700	44,6	67,6	5 300	50,0
52,0				26,1	58,7	5 300	40,3	65,5	4 900	52,0
54,0				18,5	53,9	5 000	35,6	62,9	4 600	54,0
56,0							30,3	59,8	4 300	56,0
							24,0	55,9	4 000	



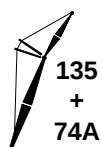
56 000 kg
+
20 450 kg



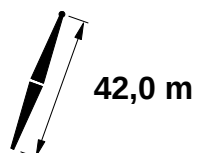
	87°			83°			80°			
	m	°	m	kg	m	kg	°	m	kg	m
16,8	73,0	84,8	18 700 b							16,8
18,0	71,3	84,4	18 400							18,0
20,0	68,4	83,6	18 000							20,0
22,0	65,5	82,8	17 100	69,7	83,7	18 300				22,0
24,0	62,5	81,8	16 200	66,8	82,9	18 100				24,0
26,0	59,4	80,7	15 300	63,9	82,0	17 800	67,1	82,6	17 600	26,0
28,0	56,3	79,4	14 400	60,9	80,9	17 000	64,1	81,7	16 000	28,0
30,0	53,0	78,0	13 500	57,7	79,7	15 500	61,1	80,7	14 600	30,0
32,0	49,5	76,4	12 600	54,5	78,4	14 200	58,0	79,5	13 400	32,0
34,0	45,9	74,6	11 800	51,1	76,9	13 100	54,8	78,1	12 400	34,0
36,0	42,0	72,5	11 000	47,6	75,2	12 200	51,4	76,6	11 400	36,0
38,0	37,8	70,1	10 300	43,8	73,2	11 300	47,9	74,9	10 600	38,0
40,0	33,2	67,3	9 600	39,8	71,0	10 500	44,2	73,0	9 900	40,0
42,0	27,9	63,9	9 000	35,4	68,4	9 800	40,2	70,8	9 200	42,0
44,0	21,5	59,6	8 500	30,5	65,3	9 200	35,8	68,2	8 600	44,0
46,0				24,7	61,4	8 600	30,9	65,2	8 100	46,0
48,0				17,1	56,2	8 100	25,2	61,5	7 600	48,0
50,0							17,9	56,4	7 100	50,0
52,0										52,0
54,0										54,0
56,0										56,0
58,0										58,0
60,0										60,0

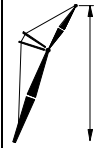
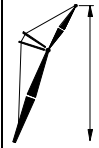
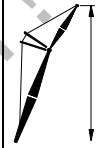
MLC165-1 S-2

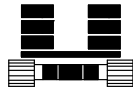
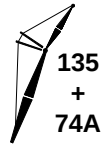
ASME B30.5



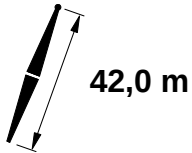
56 000 kg
+
20 450 kg

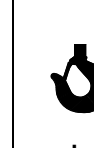
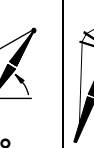
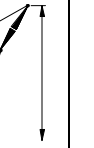


	75°			70°			65°			
	 m	 m	 kg	 m	 m	 kg	 m	 m	 kg	 m
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0	60,4	79,6	11 100							34,0
36,0	57,3	78,3	10 300							36,0
38,0	54,1	77,0	9 500							38,0
40,0	50,7	75,4	8 800	56,5	76,8	7 800				40,0
42,0	47,1	73,7	8 200	53,2	75,4	7 300				42,0
44,0	43,3	71,7	7 700	49,8	73,8	6 800				44,0
46,0	39,2	69,4	7 200	46,1	72,0	6 300	52,1	73,5	5 500	46,0
48,0	34,8	66,8	6 800	42,3	70,0	5 900	48,6	71,8	5 100	48,0
50,0	29,8	63,6	6 300	38,1	67,6	5 500	44,9	70,0	4 700	50,0
52,0	23,8	59,6	5 900	33,5	64,8	5 200	41,0	67,8	4 400	52,0
54,0	15,9	54,1	5 600	28,3	61,5	4 900	36,7	65,3	4 100	54,0
56,0				22,0	57,2	4 600	31,9	62,4	3 900	56,0
58,0							26,4	58,8	3 600	58,0
60,0							19,6	54,1	3 400	60,0



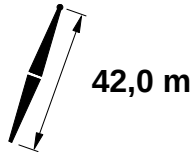
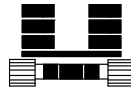
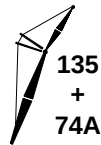
56 000 kg
+
20 450 kg



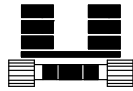
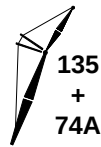
	87°			83°			80°			
										
	m	°	m	kg	m	°	m	kg	m	°
16,8	74,2	87,9	17 500 b							16,8
18,0	72,6	87,6	17 100							18,0
20,0	69,9	86,9	16 500							20,0
22,0	67,2	86,1	15 800							22,0
24,0	64,5	85,2	15 100							24,0
26,0	61,7	84,2	14 400	68,5	86,2	16 900				26,0
28,0	58,8	83,0	13 600	65,7	85,3	16 600				28,0
30,0	55,8	81,8	12 900	63,0	84,4	16 000	66,0	85,0	15 900	30,0
32,0	52,7	80,3	12 100	60,1	83,3	15 300	63,2	84,1	14 500	32,0
34,0	49,5	78,7	11 400	57,2	82,1	14 200	60,4	83,0	13 400	34,0
36,0	46,1	76,9	10 700	54,1	80,7	13 100	57,4	81,8	12 300	36,0
38,0	42,5	74,9	10 000	51,0	79,2	12 100	54,4	80,5	11 400	38,0
40,0	38,7	72,5	9 400	47,7	77,5	11 300	51,3	78,9	10 600	40,0
42,0	34,5	69,8	8 800	44,2	75,5	10 500	48,0	77,2	9 900	42,0
44,0	29,7	66,6	8 300	40,5	73,3	9 800	44,5	75,3	9 200	44,0
46,0	24,2	62,7	7 800	36,4	70,8	9 200	40,8	73,2	8 600	46,0
48,0	17,1	57,4	7 400	32,0	67,9	8 600	36,8	70,7	8 100	48,0
50,0				26,9	64,3	8 100	32,4	67,8	7 600	50,0
52,0				20,7	59,8	7 600	27,3	64,3	7 100	52,0
54,0							21,2	59,9	6 700	54,0
56,0							12,6	53,3	6 300	56,0
58,0										58,0
60,0										60,0
62,0										62,0
64,0										64,0

MLC165-1 S-2

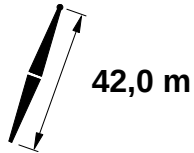
ASME B30.5



	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0	59,7	81,9	10 200							36,0
38,0	56,8	80,7	9 500							38,0
40,0	53,7	79,3	8 800							40,0
42,0	50,6	77,7	8 200	56,0	79,2	7 200				42,0
44,0	47,2	76,0	7 700	52,9	77,7	6 700				44,0
46,0	43,7	74,0	7 200	49,7	76,1	6 300				46,0
48,0	40,0	71,8	6 700	46,3	74,3	5 900				48,0
50,0	35,9	69,2	6 300	42,8	72,3	5 500	48,6	74,1	4 700	50,0
52,0	31,3	66,2	5 900	38,9	70,0	5 200	45,2	72,3	4 400	52,0
54,0	26,1	62,6	5 600	34,7	67,3	4 800	41,6	70,2	4 100	54,0
56,0	19,7	57,8	5 200	30,1	64,2	4 500	37,6	67,7	3 800	56,0
58,0				24,6	60,3	4 200	33,3	64,9	3 600	58,0
60,0				17,6	55,1	4 000	28,4	61,6	3 300	60,0
62,0							22,6	57,4	3 100	62,0
64,0							14,8	51,5	2 900	64,0



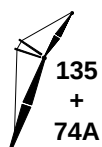
56 000 kg
+
20 450 kg



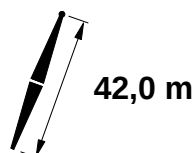
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
18,3	73,3	90,7	15 500						18,3	
20,0	71,2	90,1	15 000						20,0	
22,0	68,7	89,4	14 500						22,0	
24,0	66,2	88,6	14 000						24,0	
26,0	63,6	87,6	13 400	67,3	88,7	15 200			26,0	
28,0	60,9	86,6	12 800	64,8	87,8	14 500			28,0	
30,0	58,2	85,4	12 100	62,2	86,8	13 900	65,0	87,5	14 300	30,0
32,0	55,4	84,1	11 500	59,5	85,7	13 200	62,4	86,5	13 200	32,0
34,0	52,5	82,6	10 900	56,7	84,4	12 500	59,7	85,4	12 200	34,0
36,0	49,5	81,0	10 300	53,8	83,0	11 900	56,9	84,2	11 300	36,0
38,0	46,3	79,2	9 700	50,9	81,5	11 100	54,1	82,8	10 400	38,0
40,0	42,9	77,2	9 100	47,8	79,8	10 400	51,1	81,3	9 700	40,0
42,0	39,4	74,9	8 600	44,5	77,8	9 700	48,0	79,5	9 100	42,0
44,0	35,5	72,3	8 100	41,0	75,7	9 100	44,8	77,6	8 500	44,0
46,0	31,2	69,2	7 600	37,3	73,2	8 500	41,3	75,5	7 900	46,0
48,0	26,4	65,6	7 200	33,3	70,4	8 000	37,7	73,1	7 500	48,0
50,0	20,4	61,0	6 800	28,7	67,1	7 500	33,6	70,3	7 000	50,0
52,0				23,3	63,0	7 100	29,1	67,0	6 600	52,0
54,0				16,4	57,4	6 700	23,8	63,0	6 200	54,0
56,0							17,1	57,6	5 800	56,0
58,0										58,0
60,0										60,0
62,0										62,0
64,0										64,0
66,0										66,0

MLC165-1 S-2

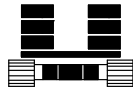
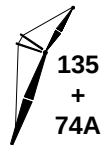
ASME B30.5



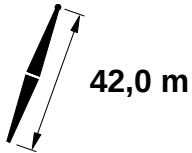
56 000 kg
+
20 450 kg



	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
18,3										18,3
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0	59,1	84,3	9 300							38,0
40,0	56,3	83,0	8 600							40,0
42,0	53,4	81,6	8 000							42,0
44,0	50,5	80,0	7 500	55,6	81,5	6 600				44,0
46,0	47,3	78,3	7 000	52,7	80,1	6 100				46,0
48,0	44,1	76,3	6 600	49,7	78,4	5 700				48,0
50,0	40,6	74,2	6 200	46,5	76,7	5 300				50,0
52,0	36,8	71,7	5 800	43,2	74,6	5 000	48,7	76,4	4 200	52,0
54,0	32,7	68,8	5 400	39,6	72,4	4 700	45,5	74,6	3 900	54,0
56,0	28,0	65,4	5 100	35,8	69,8	4 400	42,1	72,5	3 700	56,0
58,0	22,5	61,1	4 800	31,5	66,8	4 100	38,4	70,1	3 400	58,0
60,0	15,3	55,3	4 500	26,7	63,2	3 800	34,5	67,4	3 100	60,0
62,0				20,9	58,6	3 600	30,1	64,2	2 900	62,0
64,0				12,7	52,0	3 400	25,0	60,4	2 700	64,0
66,0							18,6	55,4	2 500	66,0



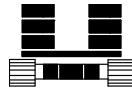
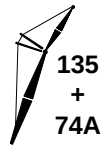
56 000 kg
+
20 450 kg



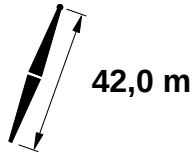
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
18,3	74,3	93,8	14 100						18,3	
20,0	72,4	93,3	13 700						20,0	
22,0	70,0	92,7	13 300						22,0	
24,0	67,7	91,9	12 900						24,0	
26,0	65,2	91,0	12 400	68,7	91,9	13 700			26,0	
28,0	62,8	90,0	11 900	66,4	91,1	13 400			28,0	
30,0	60,3	88,9	11 400	63,9	90,2	12 700	66,6	90,8	12 900	30,0
32,0	57,7	87,7	10 800	61,4	89,2	12 000	64,1	89,9	12 600	32,0
34,0	55,0	86,4	10 300	58,9	88,0	11 400	61,6	88,9	12 000	34,0
36,0	52,3	84,9	9 800	56,3	86,7	10 800	59,1	87,7	11 200	36,0
38,0	49,4	83,3	9 200	53,6	85,3	10 200	56,5	86,5	10 300	38,0
40,0	46,5	81,5	8 600	50,8	83,8	9 600	53,8	85,1	9 600	40,0
42,0	43,3	79,5	8 100	47,8	82,1	9 000	51,0	83,6	9 000	42,0
44,0	40,0	77,3	7 600	44,8	80,1	8 400	48,1	81,8	8 400	44,0
46,0	36,4	74,7	7 100	41,5	78,0	7 900	45,0	80,0	7 800	46,0
48,0	32,5	71,8	6 600	38,1	75,6	7 400	41,8	77,8	7 400	48,0
50,0	28,1	68,4	6 000	34,3	72,9	6 900	38,4	75,5	6 900	50,0
52,0	23,0	64,2	5 500	30,2	69,7	6 300	34,7	72,8	6 500	52,0
54,0	16,4	58,6	5 000	25,5	65,9	5 700	30,6	69,6	6 100	54,0
56,0				19,7	61,1	5 200	25,9	65,9	5 800	56,0
58,0							20,3	61,2	5 300	58,0
60,0							12,4	54,4	4 900	60,0
62,0										62,0
64,0										64,0
66,0										66,0
68,0										68,0
70,0										70,0

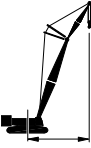
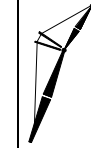
MLC165-1 S-2

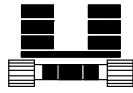
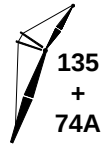
ASME B30.5



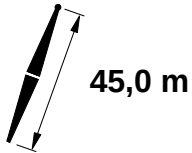
56 000 kg
+
20 450 kg



	75°			70°			65°			
	 m	 m	 kg	 m	 m	 kg	 m	 m	 kg	 m
18,3										18,3
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0										38,0
40,0	61,1	87,8	9 200							40,0
42,0	58,5	86,6	8 500							42,0
44,0	55,9	85,3	7 900							44,0
46,0	53,2	83,9	7 400							46,0
48,0	50,4	82,3	6 900	55,2	83,8	6 000				48,0
50,0	47,4	80,6	6 500	52,5	82,4	5 600				50,0
52,0	44,4	78,7	6 100	49,6	80,7	5 200				52,0
54,0	41,1	76,5	5 700	46,6	79,0	4 900	51,6	80,4	4 100	54,0
56,0	37,6	74,1	5 300	43,5	77,0	4 600	48,7	78,7	3 800	56,0
58,0	33,8	71,3	5 000	40,2	74,7	4 300	45,7	76,9	3 500	58,0
60,0	29,6	68,0	4 700	36,7	72,2	4 000	42,5	74,8	3 200	60,0
62,0	24,8	64,1	4 400	32,8	69,3	3 700	39,1	72,5	3 000	62,0
64,0	18,8	59,1	4 200	28,4	65,9	3 500	35,5	69,9	2 800	64,0
66,0	9,9	51,3	3 900	23,4	61,8	3 300	31,4	66,8	2 500	66,0
68,0				16,9	56,4	3 100	26,9	63,3	2 300	68,0
70,0							21,5	58,8	2 100	70,0
							14,3	52,6	1 900	



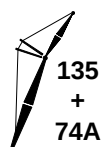
56 000 kg
+
20 450 kg



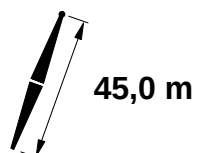
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
10,4	73,9	67,4	37 100 d							10,4
12,0	69,3	66,9	36 900 c							12,0
14,0	63,4	66,0	34 500 c							14,0
16,0	57,3	64,9	30 700 b	66,8	66,2	34 400 c				16,0
18,0	50,6	63,4	27 800 b	60,8	65,2	30 700 b				18,0
20,0	43,2	61,6	25 500	54,4	64,0	26 700 b	61,8	65,0	25 400 c	20,0
22,0	34,7	59,1	23 600	47,5	62,3	23 700 b	55,5	63,8	22 500 b	22,0
24,0	23,7	55,5	21 600	39,7	60,2	21 200	48,7	62,2	20 200	24,0
26,0				30,3	57,4	19 200	41,0	60,2	18 200	26,0
28,0							32,0	57,5	16 600	28,0
30,0							19,7	53,4	15 200	30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0										38,0
40,0										40,0

MLC165-1 S-2

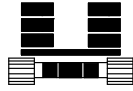
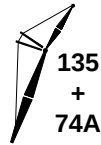
ASME B30.5



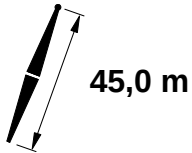
56 000 kg
+
20 450 kg

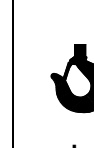
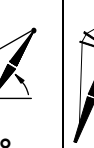
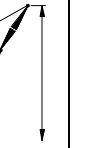


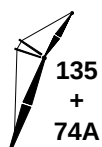
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
10,4										10,4
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	54,9	62,8	16 600 b							26,0
28,0	48,0	61,2	15 100 b							28,0
30,0	40,3	59,1	13 800	54,0	61,3	12 500 b				30,0
32,0	31,1	56,3	12 700	47,0	59,7	11 500				32,0
34,0	18,1	52,0	11 700	39,1	57,6	10 600				34,0
36,0				29,6	54,6	9 800	45,5	57,8	8 800	36,0
38,0				15,6	49,8	9 100	37,4	55,5	8 100	38,0
40,0							27,4	52,3	7 500	40,0



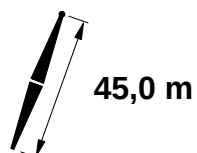
56 000 kg
+
20 450 kg



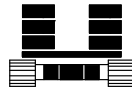
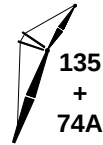
	87°			83°			80°			
										
	m	°	m	kg	°	m	kg	°	m	kg
11,0	74,5		70,4	34 300 d						11,0
12,0	72,0		70,1	34 200 c						12,0
14,0	67,0		69,4	33 100 c						14,0
16,0	61,8		68,4	30 200 b						16,0
18,0	56,3		67,2	27 300 b	64,7	68,7	30 200 b			18,0
20,0	50,4		65,7	25 000	59,4	67,6	26 600 b	65,5	68,4	25 300 c
22,0	44,0		63,9	22 700	53,8	66,3	23 600 b	60,3	67,4	22 400 b
24,0	36,7		61,5	20 600	47,7	64,6	21 100	54,7	66,1	20 000
26,0	27,9		58,4	18 800	40,9	62,6	19 100	48,7	64,5	18 100
28,0					33,1	59,9	17 400	42,1	62,6	16 500
30,0					23,2	56,2	15 900	34,5	60,0	15 100
32,0								25,0	56,5	13 800
34,0										
36,0										
38,0										
40,0										
42,0										
44,0										



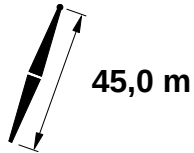
56 000 kg
+
20 450 kg

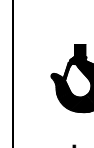
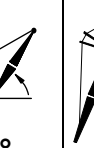
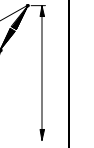


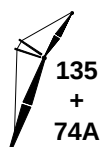
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
11,0										11,0
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	59,8	66,4	16 500 b							26,0
28,0	54,2	65,1	15 000 b							28,0
30,0	48,1	63,5	13 700							30,0
32,0	41,5	61,5	12 600	53,4	63,7	11 300				32,0
34,0	33,8	58,9	11 600	47,3	62,0	10 400				34,0
36,0	24,0	55,2	10 700	40,5	59,9	9 600				36,0
38,0	5,4	47,6	9 900	32,6	57,2	8 900	46,0	60,1	7 900	38,0
40,0				22,4	53,4	8 300	39,0	57,9	7 400	40,0
42,0							30,8	55,0	6 800	42,0
44,0							19,8	50,8	6 400	44,0



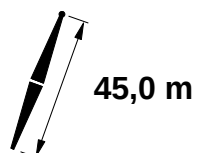
56 000 kg
+
20 450 kg

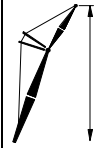
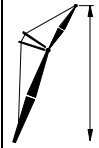
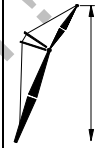


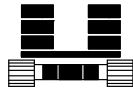
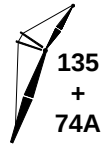
	87°			83°			80°			
										
	m	°	m	kg	°	m	kg	°	m	kg
11,6	74,9		73,4	31 500 d						11,6
12,0	74,0		73,3	31 400 c						12,0
14,0	69,6		72,7	30 700 c						14,0
16,0	65,1		71,8	28 400 b						16,0
18,0	60,4		70,8	26 100 b	67,7	72,0	29 500 b			18,0
20,0	55,5		69,5	23 900	63,1	71,1	26 500 b			20,0
22,0	50,2		68,0	21 800	58,3	70,0	23 500 b	63,8	70,9	22,0
24,0	44,6		66,2	19 900	53,2	68,6	21 100	59,1	69,8	24,0
26,0	38,3		63,9	18 100	47,8	66,9	19 000	54,1	68,4	26,0
28,0	30,9		61,0	16 600	41,9	64,9	17 300	48,7	66,8	28,0
30,0	21,4		56,9	15 300	35,2	62,4	15 900	42,9	64,9	30,0
32,0					27,1	59,1	14 600	36,4	62,5	32,0
34,0								28,6	59,3	34,0
36,0								18,0	54,7	36,0
38,0										38,0
40,0										40,0
42,0										42,0
44,0										44,0
46,0										46,0



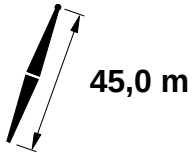
56 000 kg
+
20 450 kg



	75°			70°			65°			
										
	m	m	kg	m	m	kg	m	m	kg	m
11,6										11,6
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0	58,6	68,7	14 900 b							28,0
30,0	53,6	67,4	13 600							30,0
32,0	48,2	65,8	12 500	58,0	67,3	11 200 b				32,0
34,0	42,3	63,8	11 500	52,9	66,0	10 300				34,0
36,0	35,7	61,3	10 700	47,5	64,3	9 500				36,0
38,0	27,8	58,1	9 900	41,5	62,3	8 900				38,0
40,0	16,7	53,2	9 200	34,7	59,7	8 200	46,3	62,4	7 300	40,0
42,0				26,5	56,3	7 700	40,2	60,2	6 800	42,0
44,0				14,6	51,0	7 100	33,2	57,6	6 300	44,0
46,0							24,6	53,9	5 900	46,0



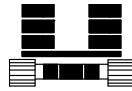
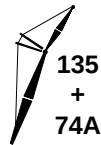
56 000 kg
+
20 450 kg



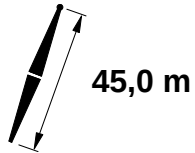
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
13,7	72,3	76,0	28 400 c							13,7
14,0	71,8	75,9	28 200 c							14,0
16,0	67,7	75,1	26 400 b							16,0
18,0	63,6	74,2	24 600 b							18,0
20,0	59,3	73,2	22 700	66,0	74,4	26 400 b				20,0
22,0	54,9	71,9	20 900	61,8	73,5	23 400 b	66,6	74,2	22 100 b	22,0
24,0	50,1	70,3	19 100	57,4	72,3	20 900	62,5	73,3	19 800	24,0
26,0	45,0	68,5	17 500	52,8	70,9	18 900	58,1	72,1	17 900	26,0
28,0	39,4	66,3	16 100	47,9	69,2	17 200	53,6	70,8	16 200	28,0
30,0	33,1	63,6	14 700	42,7	67,3	15 700	48,8	69,1	14 900	30,0
32,0	25,4	60,0	13 600	36,8	64,9	14 500	43,5	67,2	13 700	32,0
34,0				29,9	61,8	13 400	37,8	64,9	12 600	34,0
36,0				21,2	57,6	12 400	31,1	62,0	11 700	36,0
38,0							22,8	58,1	10 900	38,0
40,0										40,0
42,0										42,0
44,0										44,0
46,0										46,0
48,0										48,0
50,0										50,0

MLC165-1 S-2

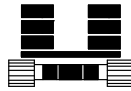
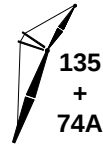
ASME B30.5



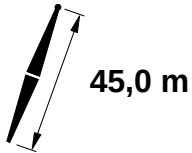
56 000 kg
+
20 450 kg



	75°			70°			65°			
	m	m	kg	m	kg	m	kg	m	m	
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0	57,7	71,1	13 400							30,0
32,0	53,2	69,7	12 300							32,0
34,0	48,3	68,1	11 400							34,0
36,0	43,0	66,1	10 500	52,5	68,3	9 400				36,0
38,0	37,2	63,8	9 800	47,6	66,6	8 700				38,0
40,0	30,5	60,8	9 100	42,3	64,6	8 100	51,6	66,4	7 100	40,0
42,0	21,9	56,7	8 500	36,3	62,1	7 500	46,6	64,7	6 600	42,0
44,0	6,7	48,9	7 900	29,4	59,1	7 000	41,2	62,6	6 100	44,0
46,0				20,5	54,8	6 500	35,1	60,0	5 700	46,0
48,0							27,9	56,8	5 300	48,0
50,0							18,3	52,1	5 000	50,0



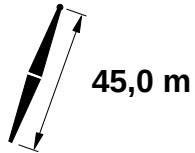
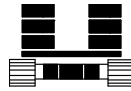
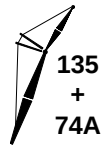
56 000 kg
+
20 450 kg



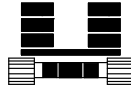
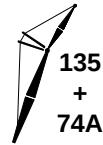
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
13,7	74,0	79,2	26 100 c						13,7	
14,0	73,5	79,1	25 900 c						14,0	
16,0	69,9	78,4	24 500 b						16,0	
18,0	66,2	77,6	23 000 b						18,0	
20,0	62,4	76,6	21 500						20,0	
22,0	58,5	75,5	19 900	68,3	77,8	25 400 b			22,0	
24,0	54,3	74,2	18 400	64,5	76,9	23 400 b			24,0	
26,0	50,0	72,6	17 000	60,7	75,8	20 900	65,1	76,7	26,0	19 800
28,0	45,4	70,8	15 600	56,7	74,6	18 900	61,3	75,6	28,0	17 800
30,0	40,4	68,7	14 400	52,5	73,2	17 200	57,3	74,5	30,0	16 200
32,0	34,8	66,1	13 300	48,0	71,5	15 700	53,2	73,1	32,0	14 800
34,0	28,2	62,8	12 300	43,3	69,6	14 500	48,8	71,4	34,0	13 700
36,0	19,8	58,3	11 500	38,0	67,3	13 400	44,1	69,5	36,0	12 600
38,0				32,1	64,4	12 400	38,9	67,3	38,0	11 700
40,0				24,9	60,7	11 500	33,1	64,5	40,0	10 900
42,0							26,2	61,0	42,0	10 100
44,0							16,8	55,9	44,0	9 500
46,0									46,0	
48,0									48,0	
50,0									50,0	
52,0									52,0	

MLC165-1 S-2

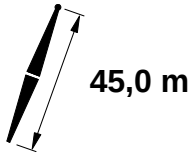
ASME B30.5

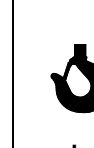
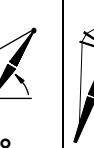
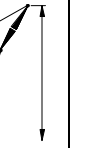


	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0	61,0	74,6	13 400							30,0
32,0	57,0	73,4	12 300							32,0
34,0	52,8	72,0	11 300							34,0
36,0	48,4	70,4	10 500							36,0
38,0	43,6	68,4	9 800	52,2	70,6	8 700				38,0
40,0	38,4	66,1	9 100	47,7	68,9	8 100				40,0
42,0	32,5	63,3	8 500	42,9	66,9	7 500				42,0
44,0	25,5	59,7	7 900	37,6	64,6	7 000	46,8	67,0	6 100	44,0
46,0	15,7	54,4	7 400	31,6	61,7	6 600	41,9	64,9	5 700	46,0
48,0				24,3	57,9	6 100	36,5	62,5	5 300	48,0
50,0				13,9	52,1	5 700	30,3	59,4	5 000	50,0
52,0							22,6	55,4	4 700	52,0



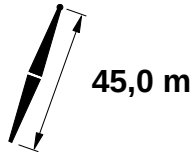
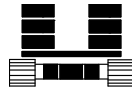
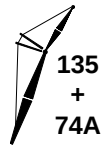
56 000 kg
+
20 450 kg



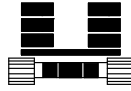
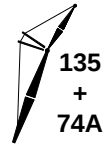
	87°			83°			80°			
										
	m	°	m	kg	m	°	m	kg	m	m
15,2	72,9	81,9	23 000 b							15,2
16,0	71,6	81,6	22 600 b							16,0
18,0	68,3	80,9	21 400 b							18,0
20,0	64,9	80,0	20 100	70,2	81,0	23 800 b				20,0
22,0	61,3	79,0	18 900	66,8	80,2	22 700 b				22,0
24,0	57,7	77,9	17 600	63,3	79,3	20 800				24,0
26,0	53,9	76,5	16 300	59,8	78,2	18 700	63,9	79,1	17 700	26,0
28,0	49,9	74,9	15 100	56,1	77,0	17 000	60,4	78,0	16 100	28,0
30,0	45,7	73,1	14 000	52,2	75,5	15 600	56,7	76,8	14 700	30,0
32,0	41,1	71,0	13 000	48,1	73,8	14 300	52,8	75,4	13 500	32,0
34,0	36,1	68,5	12 000	43,8	71,9	13 200	48,8	73,7	12 500	34,0
36,0	30,4	65,5	11 200	39,0	69,6	12 300	44,5	71,9	11 600	36,0
38,0	23,5	61,5	10 400	33,7	66,9	11 400	39,8	69,7	10 700	38,0
40,0				27,6	63,6	10 700	34,6	67,0	10 000	40,0
42,0				19,8	59,0	9 900	28,7	63,8	9 400	42,0
44,0							21,2	59,5	8 700	44,0
46,0										46,0
48,0										48,0
50,0										50,0
52,0										52,0
54,0										54,0
56,0										56,0

MLC165-1 S-2

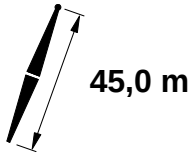
ASME B30.5

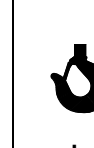
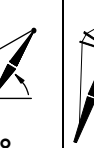
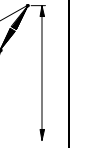


	75°			70°			65°			
	m	m	kg	m	kg	m	kg	m	kg	m
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	60,0	77,0	12 100							32,0
34,0	56,3	75,8	11 200							34,0
36,0	52,5	74,3	10 300							36,0
38,0	48,4	72,7	9 600							38,0
40,0	44,1	70,8	8 900	51,9	72,9	7 900				40,0
42,0	39,4	68,5	8 300	47,8	71,2	7 300				42,0
44,0	34,1	65,8	7 800	43,5	69,2	6 900				44,0
46,0	28,1	62,5	7 300	38,7	66,9	6 400	47,0	69,3	5 500	46,0
48,0	20,4	58,1	6 800	33,4	64,2	6 000	42,5	67,3	5 200	48,0
50,0	7,4	50,0	6 400	27,1	60,8	5 600	37,7	64,9	4 800	50,0
52,0				19,2	56,1	5 300	32,2	62,0	4 500	52,0
54,0							25,7	58,4	4 200	54,0
56,0							17,2	53,3	3 900	56,0



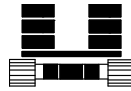
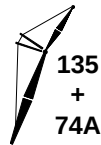
56 000 kg
+
20 450 kg



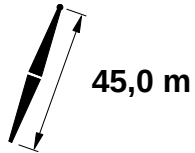
	87°			83°			80°			
										
	m	°	m	kg	°	m	kg	°	m	kg
15,2	74,2	85,1	19 800 b							15,2
16,0	73,1	84,8	19 600 b							16,0
18,0	70,0	84,2	19 200 b							18,0
20,0	66,9	83,4	18 400							20,0
22,0	63,7	82,5	17 300	68,7	83,5	19 200 b				22,0
24,0	60,5	81,4	16 300	65,5	82,7	18 900				24,0
26,0	57,1	80,2	15 300	62,3	81,7	18 600	66,0	82,4	17 600	26,0
28,0	53,6	78,8	14 300	59,0	80,6	16 900	62,8	81,5	16 000	28,0
30,0	49,9	77,2	13 300	55,5	79,3	15 500	59,5	80,4	14 600	30,0
32,0	46,0	75,4	12 400	52,0	77,8	14 200	56,1	79,1	13 400	32,0
34,0	41,8	73,3	11 600	48,2	76,1	13 200	52,6	77,7	12 400	34,0
36,0	37,2	70,9	10 800	44,2	74,2	12 200	48,8	76,0	11 500	36,0
38,0	32,2	68,0	10 100	39,9	72,0	11 300	44,8	74,2	10 600	38,0
40,0	26,2	64,5	9 400	35,1	69,4	10 600	40,6	72,0	9 900	40,0
42,0	18,7	59,6	8 900	29,7	66,2	9 900	35,9	69,5	9 300	42,0
44,0				23,2	62,2	9 300	30,6	66,4	8 700	44,0
46,0							24,4	62,6	8 100	46,0
48,0							16,0	57,1	7 600	48,0
50,0										50,0
52,0										52,0
54,0										54,0
56,0										56,0
58,0										58,0

MLC165-1 S-2

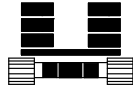
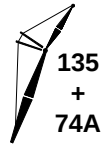
ASME B30.5



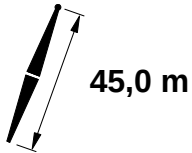
56 000 kg
+
20 450 kg



	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	62,5	80,5	12 000							32,0
34,0	59,2	79,4	11 100							34,0
36,0	55,8	78,1	10 200							36,0
38,0	52,2	76,6	9 500							38,0
40,0	48,5	75,0	8 800	55,3	76,7	7 800				40,0
42,0	44,5	73,1	8 200	51,7	75,2	7 200				42,0
44,0	40,2	70,9	7 700	47,9	73,5	6 700				44,0
46,0	35,5	68,3	7 200	43,9	71,6	6 300	51,0	73,3	5 400	46,0
48,0	30,1	65,2	6 800	39,6	69,3	5 900	47,2	71,6	5 000	48,0
50,0	23,7	61,3	6 300	34,8	66,7	5 500	43,1	69,6	4 700	50,0
52,0	15,0	55,6	5 900	29,3	63,5	5 200	38,6	67,3	4 400	52,0
54,0				22,7	59,4	4 800	33,7	64,5	4 100	54,0
56,0				13,4	53,2	4 500	28,1	61,2	3 800	56,0
58,0							21,2	56,8	3 600	58,0



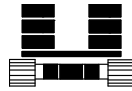
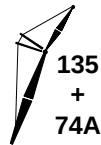
56 000 kg
+
20 450 kg



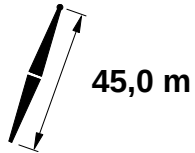
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
16,8	73,2	87,8	18 100 b							16,8
18,0	71,5	87,4	17 700							18,0
20,0	68,6	86,7	17 000							20,0
22,0	65,7	85,8	16 200							22,0
24,0	62,7	84,9	15 300	67,4	86,0	17 700				24,0
26,0	59,7	83,8	14 500	64,4	85,1	17 400	67,8	85,7	17 400	26,0
28,0	56,5	82,5	13 600	61,4	84,1	16 900	64,9	84,9	15 800	28,0
30,0	53,2	81,1	12 800	58,3	82,9	15 400	61,9	83,9	14 400	30,0
32,0	49,8	79,5	12 000	55,1	81,6	14 100	58,8	82,7	13 300	32,0
34,0	46,2	77,7	11 200	51,8	80,1	13 000	55,6	81,4	12 200	34,0
36,0	42,3	75,7	10 500	48,2	78,4	12 100	52,3	80,0	11 300	36,0
38,0	38,2	73,3	9 800	44,5	76,5	11 200	48,8	78,3	10 500	38,0
40,0	33,6	70,5	9 200	40,6	74,4	10 500	45,2	76,5	9 800	40,0
42,0	28,4	67,2	8 600	36,2	71,8	9 800	41,2	74,4	9 100	42,0
44,0	22,1	63,0	8 100	31,4	68,9	9 100	37,0	71,9	8 500	44,0
46,0				25,8	65,2	8 600	32,2	69,0	8 000	46,0
48,0				18,7	60,3	8 000	26,8	65,5	7 500	48,0
50,0							20,0	60,8	7 100	50,0
52,0										52,0
54,0										54,0
56,0										56,0
58,0										58,0
60,0										60,0
62,0										62,0

MLC165-1 S-2

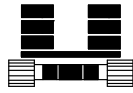
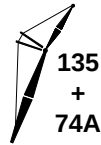
ASME B30.5



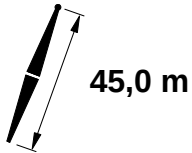
56 000 kg
+
20 450 kg

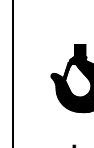
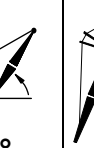
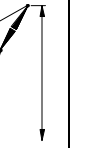


	75°			70°			65°			
m	m	m	kg	m	m	kg	m	m	kg	m
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0	61,6	82,9	10 900							34,0
36,0	58,5	81,7	10 100							36,0
38,0	55,3	80,4	9 300							38,0
40,0	52,0	78,9	8 700							40,0
42,0	48,5	77,3	8 100	54,9	79,0	7 100				42,0
44,0	44,8	75,4	7 500	51,5	77,5	6 600				44,0
46,0	40,9	73,2	7 100	48,0	75,8	6 100				46,0
48,0	36,6	70,7	6 600	44,3	73,9	5 700	50,8	75,6	4 900	48,0
50,0	31,8	67,8	6 200	40,3	71,7	5 400	47,3	73,9	4 500	50,0
52,0	26,2	64,2	5 800	35,9	69,1	5 000	43,5	71,9	4 200	52,0
54,0	19,3	59,4	5 500	31,1	66,1	4 700	39,5	69,6	3 900	54,0
56,0	7,8	51,1	5 100	25,4	62,4	4 400	35,0	67,0	3 700	56,0
58,0				18,1	57,4	4 100	30,0	63,9	3 400	58,0
60,0							24,1	60,0	3 200	60,0
62,0							16,4	54,5	2 900	62,0



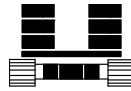
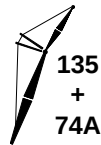
56 000 kg
+
20 450 kg



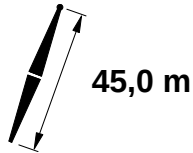
	87°			83°			80°			
										
	m	°	m	kg	°	m	kg	°	m	kg
16,8	74,4	91,0	16 600 b							16,8
18,0	72,8	90,6	16 200							18,0
20,0	70,1	89,9	15 700							20,0
22,0	67,4	89,2	15 000							22,0
24,0	64,7	88,3	14 300							24,0
26,0	61,9	87,3	13 600	69,0	89,3	16 500				26,0
28,0	59,0	86,1	12 900	66,2	88,5	16 300				28,0
30,0	56,0	84,9	12 200	63,5	87,5	15 800	66,7	88,2	15 700	30,0
32,0	53,0	83,4	11 500	60,6	86,5	15 200	63,9	87,3	14 400	32,0
34,0	49,7	81,8	10 800	57,7	85,3	14 100	61,1	86,3	13 200	34,0
36,0	46,4	80,0	10 200	54,7	83,9	13 000	58,2	85,1	12 200	36,0
38,0	42,8	78,0	9 500	51,6	82,4	12 000	55,2	83,8	11 300	38,0
40,0	39,0	75,7	8 900	48,3	80,7	11 200	52,1	82,3	10 500	40,0
42,0	34,8	73,0	8 400	44,8	78,9	10 400	48,8	80,6	9 700	42,0
44,0	30,1	69,9	7 900	41,2	76,7	9 700	45,4	78,8	9 100	44,0
46,0	24,7	66,0	7 500	37,2	74,3	9 100	41,8	76,7	8 500	46,0
48,0	17,8	60,9	7 100	32,8	71,4	8 600	37,9	74,3	8 000	48,0
50,0				27,9	68,0	8 000	33,6	71,5	7 500	50,0
52,0				21,9	63,7	7 600	28,7	68,2	7 000	52,0
54,0							23,0	64,1	6 600	54,0
56,0							15,3	58,3	6 200	56,0
58,0										58,0
60,0										60,0
62,0										62,0
64,0										64,0

MLC165-1 S-2

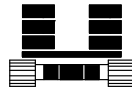
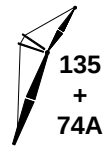
ASME B30.5



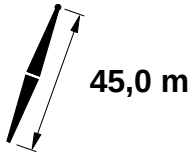
56 000 kg
+
20 450 kg



	75°			70°			65°			
m	m	m	kg	m	m	kg	m	m	kg	m
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0	60,8	85,2	10 000							36,0
38,0	57,9	84,1	9 300							38,0
40,0	54,9	82,7	8 600							40,0
42,0	51,8	81,2	8 000							42,0
44,0	48,5	79,6	7 500	54,5	81,3	6 500				44,0
46,0	45,1	77,7	7 000	51,4	79,8	6 100				46,0
48,0	41,4	75,6	6 600	48,1	78,1	5 700				48,0
50,0	37,5	73,2	6 200	44,6	76,2	5 300	50,7	77,9	4 500	50,0
52,0	33,2	70,3	5 800	40,9	74,0	5 000	47,4	76,2	4 200	52,0
54,0	28,2	67,0	5 400	36,9	71,6	4 700	43,9	74,2	3 900	54,0
56,0	22,4	62,7	5 100	32,5	68,7	4 400	40,2	72,0	3 600	56,0
58,0	14,4	56,7	4 800	27,5	65,2	4 100	36,1	69,5	3 400	58,0
60,0				21,5	60,8	3 800	31,6	66,5	3 100	60,0
62,0				13,0	54,4	3 600	26,4	62,9	2 900	62,0
64,0							20,1	58,2	2 700	64,0



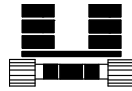
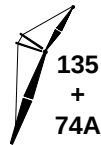
56 000 kg
+
20 450 kg



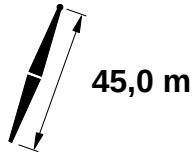
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
18,3	73,5	93,7	14 700							18,3
20,0	71,4	93,2	14 300							20,0
22,0	68,9	92,4	13 800							22,0
24,0	66,4	91,6	13 300							24,0
26,0	63,8	90,7	12 700	67,8	91,8	14 800				26,0
28,0	61,1	89,6	12 100	65,2	90,9	14 400				28,0
30,0	58,4	88,5	11 500	62,6	89,9	13 800	65,7	90,7	14 000	30,0
32,0	55,6	87,2	10 900	60,0	88,8	13 200	63,1	89,7	13 100	32,0
34,0	52,7	85,7	10 300	57,2	87,6	12 600	60,4	88,6	12 000	34,0
36,0	49,7	84,1	9 700	54,4	86,2	11 900	57,7	87,4	11 100	36,0
38,0	46,5	82,3	9 200	51,4	84,7	11 000	54,8	86,1	10 300	38,0
40,0	43,2	80,3	8 700	48,3	83,0	10 300	51,9	84,6	9 600	40,0
42,0	39,7	78,1	8 200	45,1	81,2	9 600	48,8	82,9	9 000	42,0
44,0	35,8	75,5	7 700	41,7	79,0	9 000	45,6	81,1	8 400	44,0
46,0	31,6	72,5	7 300	38,0	76,7	8 400	42,3	79,0	7 800	46,0
48,0	26,8	68,9	6 900	34,0	73,9	7 900	38,6	76,7	7 400	48,0
50,0	21,0	64,4	6 500	29,6	70,7	7 400	34,7	74,0	6 900	50,0
52,0				24,4	66,7	7 000	30,3	70,9	6 500	52,0
54,0				17,9	61,6	6 600	25,3	67,1	6 100	54,0
56,0							19,1	62,2	5 800	56,0
58,0										58,0
60,0										60,0
62,0										62,0
64,0										64,0
66,0										66,0
68,0										68,0

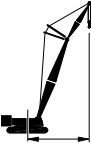
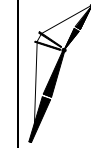
MLC165-1 S-2

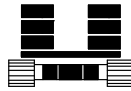
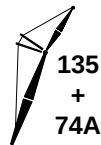
ASME B30.5



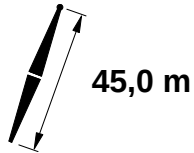
56 000 kg
+
20 450 kg

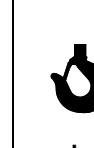
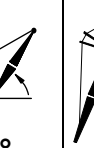
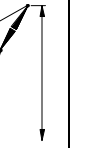


	75°			70°			65°			
	 m	 m	 kg	 m	 m	 kg	 m	 m	 kg	 m
18,3										18,3
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0	60,1	87,6	9 100							38,0
40,0	57,4	86,4	8 500							40,0
42,0	54,6	85,1	7 900							42,0
44,0	51,6	83,6	7 400							44,0
46,0	48,6	81,9	6 900	54,2	83,6	5 900				46,0
48,0	45,3	80,0	6 400	51,2	82,1	5 500				48,0
50,0	41,9	77,9	6 000	48,1	80,4	5 200				50,0
52,0	38,3	75,5	5 700	44,9	78,5	4 800	50,6	80,2	4 000	52,0
54,0	34,3	72,8	5 300	41,5	76,4	4 500	47,5	78,5	3 700	54,0
56,0	29,9	69,6	5 000	37,8	74,0	4 200	44,2	76,5	3 400	56,0
58,0	24,8	65,8	4 700	33,7	71,2	4 000	40,7	74,4	3 100	58,0
60,0	18,4	60,7	4 400	29,3	67,9	3 700	37,0	71,9	2 900	60,0
62,0	8,2	52,2	4 100	24,0	63,9	3 500	32,9	69,0	2 700	62,0
64,0				17,3	58,6	3 200	28,3	65,6	2 400	64,0
66,0							22,8	61,5	2 200	66,0
68,0							15,7	55,7	2 000	68,0



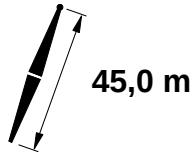
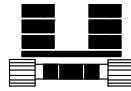
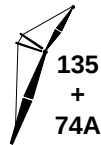
56 000 kg
+
20 450 kg



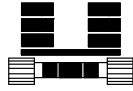
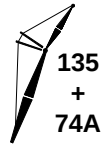
	87°			83°			80°			
										
	m	°	m	kg	m	°	m	kg	m	°
18,3	74,5	96,9	13 400							18,3
20,0	72,5	96,4	13 100							20,0
22,0	70,2	95,7	12 700							22,0
24,0	67,8	94,9	12 300							24,0
26,0	65,4	94,1	11 800	69,2	95,0	13 200				26,0
28,0	63,0	93,1	11 300	66,8	94,2	13 100				28,0
30,0	60,5	92,0	10 800	64,4	93,3	12 700				30,0
32,0	57,9	90,8	10 300	61,9	92,3	12 100	64,8	93,1	12 400	32,0
34,0	55,2	89,5	9 800	59,3	91,2	11 400	62,3	92,1	12 000	34,0
36,0	52,5	88,0	9 300	56,7	89,9	10 800	59,8	91,0	11 000	36,0
38,0	49,7	86,4	8 800	54,1	88,6	10 200	57,2	89,8	10 200	38,0
40,0	46,7	84,6	8 400	51,3	87,0	9 600	54,5	88,4	9 500	40,0
42,0	43,6	82,6	7 900	48,4	85,3	9 100	51,7	86,9	8 800	42,0
44,0	40,3	80,4	7 500	45,3	83,5	8 500	48,9	85,2	8 300	44,0
46,0	36,7	77,9	7 100	42,1	81,4	8 000	45,8	83,4	7 700	46,0
48,0	32,8	75,0	6 700	38,7	79,0	7 500	42,7	81,4	7 300	48,0
50,0	28,5	71,6	6 000	35,1	76,4	7 000	39,3	79,1	6 800	50,0
52,0	23,4	67,5	5 500	31,0	73,3	6 400	35,7	76,4	6 400	52,0
54,0	17,0	62,1	5 000	26,4	69,6	5 900	31,7	73,4	6 000	54,0
56,0				20,9	65,1	5 400	27,2	69,9	5 700	56,0
58,0							21,9	65,5	5 300	58,0
60,0							14,8	59,5	5 000	60,0
62,0										62,0
64,0										64,0
66,0										66,0
68,0										68,0
70,0										70,0

MLC165-1 S-2

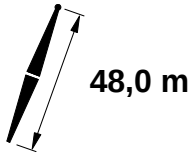
ASME B30.5

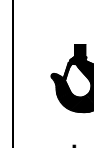
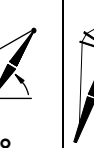
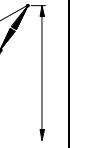


	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
18,3										18,3
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0										38,0
40,0	59,5	90,0	8 300							40,0
42,0	56,9	88,7	7 800							42,0
44,0	54,2	87,4	7 200							44,0
46,0	51,5	85,9	6 800	56,6	87,3	5 800				46,0
48,0	48,6	84,2	6 300	53,9	85,9	5 400				48,0
50,0	45,6	82,3	5 900	51,1	84,4	5 000				50,0
52,0	42,4	80,2	5 500	48,2	82,7	4 700				52,0
54,0	39,0	77,9	5 200	45,1	80,8	4 400	50,5	82,5	3 500	54,0
56,0	35,3	75,3	4 900	41,9	78,7	4 100	47,6	80,8	3 200	56,0
58,0	31,3	72,2	4 600	38,5	76,3	3 800	44,5	78,9	3 000	58,0
60,0	26,7	68,6	4 300	34,8	73,7	3 600	41,3	76,7	2 700	60,0
62,0	21,3	64,1	4 000	30,7	70,5	3 400	37,8	74,3	2 500	62,0
64,0	14,0	57,9	3 800	26,1	66,8	3 100	34,0	71,5	2 300	64,0
66,0				20,5	62,2	2 900	29,8	68,3	2 100	66,0
68,0				12,7	55,5	2 700	25,0	64,5	1 900	68,0
70,0							19,2	59,5	1 700	70,0



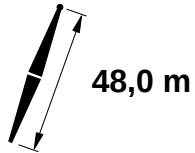
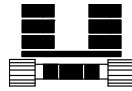
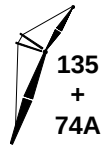
56 000 kg
+
20 450 kg



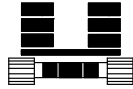
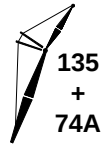
	87°			83°			80°			
										
	m	°	m	kg	°	m	kg	°	m	kg
10,4	74,4		70,5	35 400 d						10,4
12,0	69,8		70,0	35 200 c						12,0
14,0	63,9		69,1	32 700 c						14,0
16,0	57,8		68,0	29 700 b	67,8	69,4	33 100 d			16,0
18,0	51,2		66,6	26 900 b	61,9	68,4	30 200 b			18,0
20,0	43,9		64,7	24 500	55,6	67,2	26 500 b	63,4	68,3	25 100 c
22,0	35,4		62,3	22 200	48,8	65,7	23 500 b	57,2	67,1	22 200 b
24,0	24,7		58,9	20 300	41,2	63,7	21 100	50,5	65,7	19 900 b
26,0					32,2	61,0	19 000	43,1	63,8	18 000
28,0					20,0	56,9	17 300	34,6	61,3	16 400
30,0								23,5	57,7	15 000
32,0										
34,0										
36,0										
38,0										
40,0										
42,0										

MLC165-1 S-2

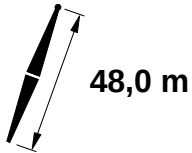
ASME B30.5



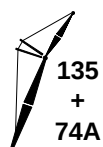
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
10,4										10,4
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	57,4	66,2	16 300 b							26,0
28,0	50,8	64,8	14 800 b							28,0
30,0	43,4	62,9	13 500							30,0
32,0	34,9	60,5	12 400	50,7	63,4	11 100 b				32,0
34,0	24,0	56,9	11 400	43,3	61,6	10 200				34,0
36,0				34,8	59,1	9 400				36,0
38,0				23,8	55,5	8 700				38,0
40,0							42,7	59,7	7 700	40,0
42,0							34,1	57,2	7 100	42,0
							22,8	53,5	6 600	42,0



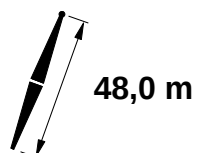
56 000 kg
+
20 450 kg

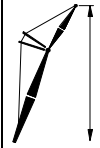
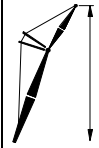
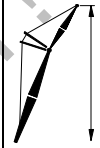


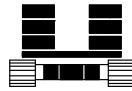
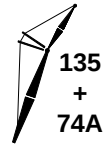
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
11,0	74,9		73,5	32 800 d						11,0
12,0	72,4		73,2	32 600 d						12,0
14,0	67,4		72,5	30 500 c						14,0
16,0	62,2		71,5	28 100 b						16,0
18,0	56,7		70,3	25 600 b	65,7	71,8	29 500 b			18,0
20,0	50,9		68,9	23 400	60,4	70,8	26 400 b	66,9	71,6	24 900 c
22,0	44,5		67,0	21 300	54,8	69,5	23 400 b	61,7	70,7	22 100 b
24,0	37,4		64,7	19 400	48,8	68,0	21 000	56,2	69,5	19 800 b
26,0	28,7		61,7	17 800	42,2	66,0	18 900	50,3	68,0	17 900
28,0	16,5		56,9	16 500	34,7	63,5	17 200	43,9	66,1	16 200
30,0					25,3	60,0	15 800	36,6	63,7	14 900
32,0					9,5	53,6	14 400	27,8	60,6	13 700
34,0										
36,0										
38,0										
40,0										
42,0										
44,0										



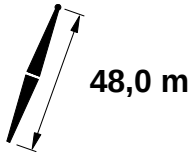
56 000 kg
+
20 450 kg



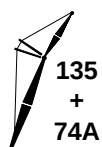
	75°			70°			65°			
 m		 m	 kg		 m	 kg		 m	 kg	 m
11,0										11,0
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	61,9	69,7	16 100 b							26,0
28,0	56,4	68,5	14 600 b							28,0
30,0	50,6	67,1	13 400							30,0
32,0	44,2	65,2	12 300	56,3	67,2	10 900 b				32,0
34,0	36,9	62,9	11 300	50,5	65,7	10 000				34,0
36,0	28,2	59,8	10 500	44,1	63,9	9 300				36,0
38,0	15,5	54,8	9 700	36,8	61,5	8 600				38,0
40,0				28,1	58,4	8 000	43,6	62,1	7 000	40,0
42,0				15,3	53,4	7 400	36,2	59,7	6 500	42,0
44,0							27,3	56,4	6 000	44,0



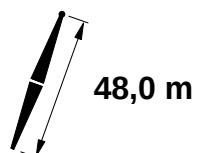
56 000 kg
+
20 450 kg



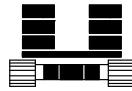
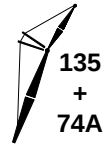
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
12,2	74,0		76,3	30 000 d					12,2	
14,0	70,0		75,7	28 300 c					14,0	
16,0	65,5		74,9	26 400 b					16,0	
18,0	60,8		73,9	24 300 b					18,0	
20,0	55,9		72,7	22 300	63,9	74,3	26 400 b		20,0	
22,0	50,7		71,2	20 500	59,2	73,2	23 300 b	65,1	74,1	22 000 b
24,0	45,0		69,4	18 700	54,2	71,9	20 900	60,4	73,0	19 700 b
26,0	38,8		67,1	17 100	48,9	70,3	18 900	55,4	71,8	17 800
28,0	31,5		64,3	15 700	43,0	68,3	17 200	50,2	70,3	16 200
30,0	22,3		60,3	14 500	36,5	65,9	15 700	44,5	68,4	14 800
32,0	3,4		51,6	13 800	28,8	62,8	14 500	38,2	66,2	13 600
34,0					18,3	58,2	13 300	30,8	63,2	12 600
36,0								21,2	59,1	11 600
38,0										
40,0										
42,0										
44,0										
46,0										
48,0										



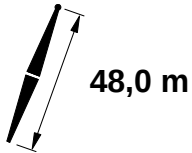
56 000 kg
+
20 450 kg



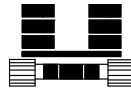
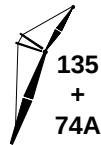
	75°			70°			65°			
	m	m	kg	m	kg	m	kg	m	m	
12,2										12,2
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0	60,5	72,1	14 500 b							28,0
30,0	55,6	70,9	13 300							30,0
32,0	50,4	69,4	12 200							32,0
34,0	44,7	67,5	11 200	55,6	69,5	9 900				34,0
36,0	38,4	65,3	10 400	50,3	68,0	9 200				36,0
38,0	31,1	62,4	9 700	44,6	66,2	8 500				38,0
40,0	21,7	58,4	9 000	38,3	63,9	7 900	49,9	66,2	6 900	40,0
42,0				31,0	61,0	7 400	44,2	64,4	6 400	42,0
44,0				21,5	57,0	6 900	37,8	62,1	5 900	44,0
46,0							30,4	59,1	5 500	46,0
48,0							20,6	54,9	5 100	48,0



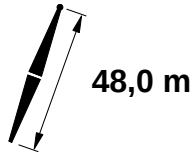
56 000 kg
+
20 450 kg



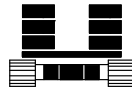
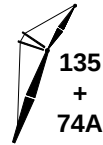
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
13,7	72,6	79,0	26 400 c							13,7
14,0	72,1	78,9	26 100 c							14,0
16,0	68,1	78,2	24 600 b							16,0
18,0	64,0	77,3	22 900 b							18,0
20,0	59,7	76,3	21 200	66,7	77,6	25 400 b				20,0
22,0	55,2	75,0	19 500	62,6	76,7	23 300 b				22,0
24,0	50,5	73,5	18 000	58,2	75,5	20 700	63,6	76,5	19 500 b	24,0
26,0	45,4	71,7	16 500	53,7	74,2	18 700	59,3	75,4	17 600	26,0
28,0	39,9	69,5	15 200	48,9	72,6	17 000	54,8	74,1	16 000	28,0
30,0	33,6	66,8	14 000	43,7	70,7	15 600	50,1	72,6	14 600	30,0
32,0	26,1	63,3	12 900	37,9	68,3	14 400	45,0	70,7	13 500	32,0
34,0	15,4	58,0	12 100	31,3	65,4	13 300	39,4	68,5	12 400	34,0
36,0				23,0	61,5	12 300	33,0	65,8	11 500	36,0
38,0				9,6	54,7	11 400	25,2	62,2	10 700	38,0
40,0										40,0
42,0										42,0
44,0										44,0
46,0										46,0
48,0										48,0
50,0										50,0



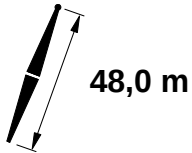
56 000 kg
+
20 450 kg



	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0	59,4	74,5	13 100							30,0
32,0	55,0	73,2	12 000							32,0
34,0	50,2	71,7	11 100							34,0
36,0	45,2	69,8	10 200	54,9	71,9	9 000				36,0
38,0	39,6	67,7	9 500	50,2	70,3	8 300				38,0
40,0	33,2	64,9	8 800	45,1	68,5	7 700				40,0
42,0	25,6	61,4	8 200	39,5	66,3	7 200	49,8	68,5	6 200	42,0
44,0	14,6	55,9	7 700	33,2	63,6	6 700	44,7	66,7	5 700	44,0
46,0				25,5	60,0	6 300	39,0	64,5	5 400	46,0
48,0				14,4	54,5	5 800	32,6	61,7	5 000	48,0
50,0							24,8	58,0	4 600	50,0



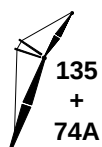
56 000 kg
+
20 450 kg



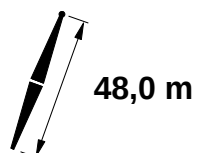
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
13,7	74,3	82,2	24 200 c						13,7	
14,0	73,7	82,1	24 100 c						14,0	
16,0	70,2	81,5	22 900 b						16,0	
18,0	66,5	80,7	21 500 b						18,0	
20,0	62,7	79,7	20 100	68,9	80,9	24 100 b			20,0	
22,0	58,8	78,6	18 700	65,2	80,0	22 700 b			22,0	
24,0	54,7	77,3	17 300	61,4	79,0	20 800			24,0	
26,0	50,4	75,8	16 000	57,4	77,9	18 700	62,3	78,9	17 600	26,0
28,0	45,8	74,0	14 800	53,3	76,5	17 000	58,4	77,8	16 000	28,0
30,0	40,8	71,9	13 700	48,9	74,9	15 600	54,3	76,4	14 600	30,0
32,0	35,2	69,3	12 700	44,2	73,0	14 300	50,0	74,9	13 500	32,0
34,0	28,8	66,1	11 800	39,0	70,7	13 300	45,3	73,0	12 400	34,0
36,0	20,6	61,7	11 000	33,2	68,0	12 300	40,3	70,9	11 500	36,0
38,0	5,3	53,1	10 500	26,3	64,5	11 400	34,7	68,3	10 700	38,0
40,0				17,1	59,5	10 600	28,1	65,0	10 000	40,0
42,0							19,7	60,5	9 300	42,0
44,0										44,0
46,0										46,0
48,0										48,0
50,0										50,0
52,0										52,0
54,0										54,0

MLC165-1 S-2

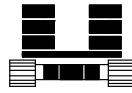
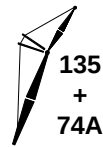
ASME B30.5



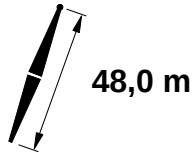
56 000 kg
+
20 450 kg

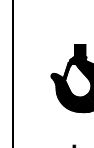
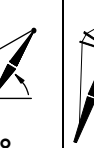
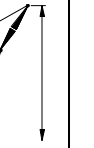


	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	58,5	76,8	12 000							32,0
34,0	54,5	75,5	11 100							34,0
36,0	50,1	74,0	10 200							36,0
38,0	45,5	72,2	9 500	54,4	74,2	8 300				38,0
40,0	40,5	70,0	8 800	50,1	72,6	7 700				40,0
42,0	34,9	67,4	8 300	45,5	70,8	7 200				42,0
44,0	28,4	64,2	7 700	40,4	68,7	6 700	49,7	70,8	5 700	44,0
46,0	20,1	59,7	7 200	34,8	66,1	6 300	45,1	69,0	5 300	46,0
48,0				28,3	62,8	5 900	40,0	66,8	5 000	48,0
50,0				19,9	58,4	5 500	34,4	64,2	4 700	50,0
52,0							27,8	60,9	4 400	52,0
54,0							19,2	56,3	4 100	54,0



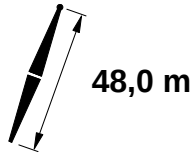
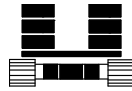
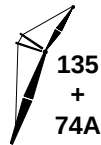
56 000 kg
+
20 450 kg



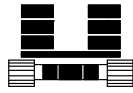
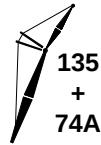
	87°			83°			80°			
										
	m	°	m	kg	m	kg	m	kg	m	m
15,2	73,1	84,9	21 500 b							15,2
16,0	71,9	84,7	21 100 b							16,0
18,0	68,5	84,0	20 000 b							18,0
20,0	65,1	83,1	18 900							20,0
22,0	61,6	82,1	17 700	67,4	83,4	21 500 b				22,0
24,0	58,0	81,0	16 500	64,0	82,5	20 500				24,0
26,0	54,2	79,6	15 300	60,4	81,4	18 600	64,8	82,3	17 400	26,0
28,0	50,3	78,1	14 300	56,8	80,2	16 900	61,3	81,3	15 800	28,0
30,0	46,1	76,3	13 200	52,9	78,8	15 500	57,7	80,1	14 500	30,0
32,0	41,5	74,2	12 300	48,9	77,2	14 200	53,9	78,7	13 300	32,0
34,0	36,5	71,7	11 400	44,6	75,3	13 100	49,9	77,2	12 300	34,0
36,0	30,9	68,7	10 600	39,9	73,1	12 200	45,6	75,4	11 400	36,0
38,0	24,1	64,9	9 900	34,8	70,5	11 300	41,1	73,2	10 600	38,0
40,0	14,7	59,2	9 400	28,8	67,2	10 600	36,1	70,7	9 900	40,0
42,0				21,4	63,0	9 900	30,3	67,7	9 200	42,0
44,0				9,7	55,8	9 200	23,4	63,7	8 600	44,0
46,0										46,0
48,0										48,0
50,0										50,0
52,0										52,0
54,0										54,0
56,0										56,0

MLC165-1 S-2

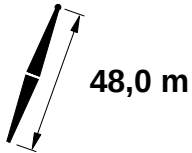
ASME B30.5



	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	61,4	80,3	11 800							32,0
34,0	57,8	79,2	10 900							34,0
36,0	54,0	77,8	10 100							36,0
38,0	50,0	76,3	9 300							38,0
40,0	45,8	74,5	8 700	54,0	76,5	7 500				40,0
42,0	41,3	72,4	8 100	50,0	74,9	7 000				42,0
44,0	36,3	69,9	7 600	45,8	73,1	6 500				44,0
46,0	30,6	66,8	7 100	41,2	71,0	6 100	49,7	73,1	5 200	46,0
48,0	23,7	62,9	6 600	36,2	68,5	5 700	45,4	71,3	4 800	48,0
50,0	14,0	57,1	6 200	30,5	65,5	5 300	40,8	69,2	4 500	50,0
52,0				23,6	61,6	5 000	35,8	66,6	4 200	52,0
54,0				13,8	55,7	4 700	30,0	63,6	3 900	54,0
56,0							23,0	59,5	3 600	56,0



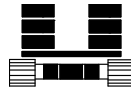
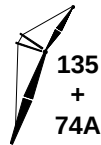
56 000 kg
+
20 450 kg



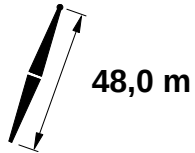
	87°			83°			80°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2	74,4	88,1	19 200 b							15,2
16,0	73,3	87,9	18 900 b							16,0
18,0	70,3	87,2	18 100 b							18,0
20,0	67,2	86,5	17 200							20,0
22,0	64,0	85,6	16 300	69,2	86,7	18 700 b				22,0
24,0	60,7	84,5	15 400	66,1	85,8	18 500				24,0
26,0	57,3	83,3	14 400	62,9	84,9	18 000	66,9	85,6	17 300	26,0
28,0	53,8	81,9	13 500	59,6	83,8	16 800	63,7	84,7	15 700	28,0
30,0	50,2	80,4	12 600	56,2	82,5	15 400	60,4	83,7	14 400	30,0
32,0	46,3	78,6	11 800	52,6	81,1	14 100	57,0	82,4	13 200	32,0
34,0	42,1	76,5	11 000	48,9	79,5	13 000	53,5	81,1	12 200	34,0
36,0	37,6	74,1	10 200	44,9	77,6	12 100	49,8	79,5	11 300	36,0
38,0	32,6	71,3	9 500	40,7	75,4	11 200	45,9	77,7	10 500	38,0
40,0	26,7	67,8	9 000	36,0	72,9	10 500	41,7	75,6	9 800	40,0
42,0	19,4	63,1	8 500	30,8	69,9	9 800	37,2	73,1	9 100	42,0
44,0	6,3	54,3	8 200	24,5	66,1	9 200	32,1	70,3	8 500	44,0
46,0				16,2	60,7	8 600	26,1	66,7	8 000	46,0
48,0							18,5	61,8	7 500	48,0
50,0										50,0
52,0										52,0
54,0										54,0
56,0										56,0
58,0										58,0
60,0										60,0

MLC165-1 S-2

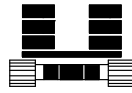
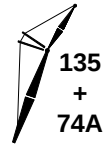
ASME B30.5



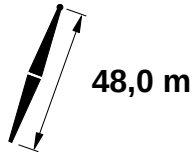
56 000 kg
+
20 450 kg



	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0	60,5	82,7	10 800							34,0
36,0	57,2	81,5	9 900							36,0
38,0	53,6	80,1	9 200							38,0
40,0	50,0	78,6	8 600	57,1	80,2	7 400				40,0
42,0	46,1	76,8	8 000	53,6	78,8	6 900				42,0
44,0	41,9	74,7	7 500	49,9	77,2	6 400				44,0
46,0	37,4	72,3	7 000	46,0	75,4	6 000				46,0
48,0	32,3	69,4	6 600	41,8	73,4	5 600	49,6	75,4	4 700	48,0
50,0	26,4	65,9	6 100	37,3	70,9	5 300	45,7	73,6	4 400	50,0
52,0	18,9	61,1	5 800	32,2	68,1	4 900	41,5	71,5	4 100	52,0
54,0				26,3	64,5	4 600	36,9	69,1	3 800	54,0
56,0				18,8	59,7	4 300	31,8	66,2	3 500	56,0
58,0							25,8	62,5	3 300	58,0
60,0							18,1	57,5	3 000	60,0



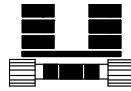
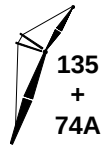
56 000 kg
+
20 450 kg



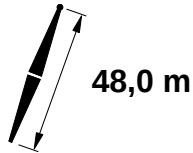
	87°			83°			80°			
	m	°	m	kg	m	kg	m	kg	m	m
16,8	73,5	90,8	17 100 b							16,8
18,0	71,7	90,5	16 700 b							18,0
20,0	68,9	89,7	16 000							20,0
22,0	66,0	88,9	15 200							22,0
24,0	63,0	88,0	14 400	67,9	89,1	17 100				24,0
26,0	59,9	86,9	13 600	65,0	88,3	16 600				26,0
28,0	56,8	85,6	12 800	62,0	87,3	16 000	65,7	88,1	15 600	28,0
30,0	53,5	84,2	12 000	58,9	86,1	15 200	62,7	87,1	14 200	30,0
32,0	50,1	82,7	11 300	55,7	84,9	14 000	59,6	86,0	13 000	32,0
34,0	46,5	80,9	10 600	52,4	83,4	12 900	56,5	84,8	12 000	34,0
36,0	42,7	78,9	9 900	48,9	81,8	11 900	53,2	83,4	11 100	36,0
38,0	38,5	76,5	9 300	45,2	79,9	11 100	49,8	81,8	10 300	38,0
40,0	34,0	73,8	8 700	41,3	77,8	10 300	46,1	80,0	9 600	40,0
42,0	28,8	70,5	8 200	37,1	75,3	9 700	42,3	77,9	9 000	42,0
44,0	22,6	66,4	7 700	32,3	72,4	9 100	38,1	75,5	8 400	44,0
46,0	14,1	60,4	7 400	26,9	68,9	8 500	33,5	72,8	7 900	46,0
48,0				20,2	64,3	8 000	28,3	69,4	7 400	48,0
50,0				9,8	56,9	7 500	22,0	65,2	6 900	50,0
52,0										52,0
54,0										54,0
56,0										56,0
58,0										58,0
60,0										60,0
62,0										62,0
64,0										64,0

MLC165-1 S-2

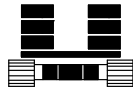
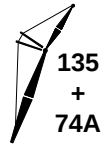
ASME B30.5



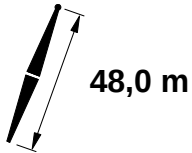
56 000 kg
+
20 450 kg



	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0	59,8	85,1	9 800							36,0
38,0	56,6	83,9	9 100							38,0
40,0	53,3	82,5	8 400							40,0
42,0	49,9	80,9	7 800	56,6	82,5	6 700				42,0
44,0	46,3	79,1	7 300	53,3	81,1	6 300				44,0
46,0	42,4	77,0	6 800	49,8	79,5	5 800				46,0
48,0	38,3	74,7	6 400	46,2	77,7	5 400				48,0
50,0	33,7	71,9	6 000	42,4	75,7	5 100	49,6	77,7	4 100	50,0
52,0	28,5	68,6	5 600	38,2	73,3	4 800	45,9	75,9	3 800	52,0
54,0	22,3	64,4	5 300	33,7	70,6	4 400	42,1	73,9	3 500	54,0
56,0	13,5	58,2	4 900	28,5	67,3	4 200	37,9	71,5	3 300	56,0
58,0				22,2	63,0	3 900	33,3	68,7	3 000	58,0
60,0				13,4	56,8	3 600	28,0	65,3	2 800	60,0
62,0							21,6	61,0	2 600	62,0
64,0							12,4	54,5	2 300	64,0



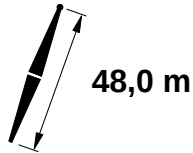
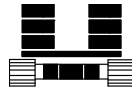
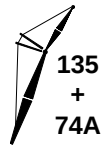
56 000 kg
+
20 450 kg



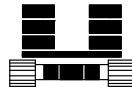
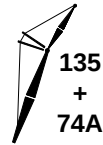
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
16,8	74,6	94,0	15 700 b						16,8	
18,0	73,0	93,7	15 300 b						18,0	
20,0	70,3	93,0	14 800						20,0	
22,0	67,7	92,2	14 200						22,0	
24,0	64,9	91,4	13 500	69,4	92,4	15 700			24,0	
26,0	62,1	90,4	12 900	66,7	91,6	15 400			26,0	
28,0	59,2	89,2	12 200	64,0	90,7	14 900			28,0	
30,0	56,3	88,0	11 500	61,2	89,7	14 400	64,7	90,5	14 200	30,0
32,0	53,2	86,6	10 800	58,3	88,5	13 800	61,9	89,5	13 000	32,0
34,0	50,0	85,0	10 200	55,3	87,2	12 900	59,0	88,4	12 000	34,0
36,0	46,7	83,2	9 600	52,2	85,7	11 900	56,0	87,1	11 100	36,0
38,0	43,1	81,2	9 000	48,9	84,1	11 100	52,9	85,7	10 300	38,0
40,0	39,3	78,9	8 500	45,5	82,2	10 300	49,7	84,1	9 600	40,0
42,0	35,1	76,3	8 000	41,9	80,1	9 600	46,3	82,3	8 900	42,0
44,0	30,5	73,2	7 500	38,0	77,7	9 000	42,8	80,2	8 400	44,0
46,0	25,2	69,4	7 100	33,7	75,0	8 500	38,9	77,9	7 800	46,0
48,0	18,4	64,4	6 800	28,8	71,7	8 000	34,7	75,3	7 400	48,0
50,0	7,0	55,5	6 500	23,1	67,6	7 500	30,1	72,1	6 900	50,0
52,0				15,5	61,9	7 000	24,6	68,2	6 500	52,0
54,0							17,6	63,1	6 100	54,0
56,0										56,0
58,0										58,0
60,0										60,0
62,0										62,0
64,0										64,0
66,0										66,0

MLC165-1 S-2

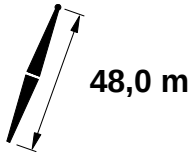
ASME B30.5

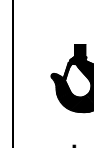
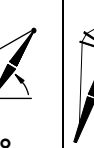
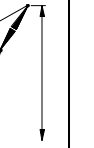


	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0	59,1	87,5	9 000							38,0
40,0	56,1	86,2	8 400							40,0
42,0	53,0	84,8	7 800							42,0
44,0	49,8	83,2	7 300							44,0
46,0	46,5	81,4	6 800	53,0	83,4	5 800				46,0
48,0	42,9	79,4	6 400	49,8	81,8	5 400				48,0
50,0	39,1	77,1	6 000	46,4	80,0	5 000				50,0
52,0	34,9	74,4	5 600	42,9	78,0	4 700	49,5	80,0	3 800	52,0
54,0	30,3	71,3	5 300	39,0	75,7	4 400	46,2	78,2	3 500	54,0
56,0	24,8	67,4	4 900	34,9	73,0	4 100	42,6	76,2	3 200	56,0
58,0	18,0	62,3	4 600	30,2	69,9	3 900	38,7	73,9	3 000	58,0
60,0				24,8	66,1	3 600	34,5	71,2	2 700	60,0
62,0				17,9	60,9	3 400	29,8	68,0	2 500	62,0
64,0				5,4	51,2	3 100	24,3	64,1	2 300	64,0
66,0							17,2	58,8	2 100	66,0



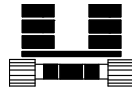
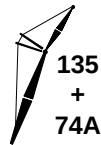
56 000 kg
+
20 450 kg



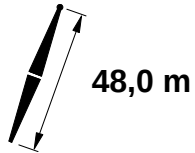
	87°			83°			80°			
										
	m	°	m	kg	m	kg	m	kg	m	m
18,3	73,7	96,8	14 000							18,3
20,0	71,6	96,2	13 600							20,0
22,0	69,1	95,5	13 100							22,0
24,0	66,6	94,7	12 600							24,0
26,0	64,0	93,8	12 000	68,3	94,9	14 000				26,0
28,0	61,3	92,7	11 400	65,7	94,1	13 700				28,0
30,0	58,6	91,6	10 900	63,1	93,1	13 300	66,3	93,9	13 600	30,0
32,0	55,8	90,3	10 300	60,5	92,0	12 800	63,8	92,9	12 800	32,0
34,0	52,9	88,9	9 800	57,7	90,8	12 400	61,1	91,9	11 800	34,0
36,0	49,9	87,3	9 200	54,9	89,5	11 800	58,4	90,7	10 900	36,0
38,0	46,8	85,5	8 700	52,0	88,0	10 900	55,6	89,4	10 100	38,0
40,0	43,5	83,5	8 200	48,9	86,4	10 200	52,7	88,0	9 400	40,0
42,0	40,0	81,3	7 800	45,7	84,5	9 500	49,7	86,4	8 800	42,0
44,0	36,1	78,7	7 300	42,3	82,5	8 900	46,5	84,6	8 200	44,0
46,0	31,9	75,7	6 900	38,7	80,1	8 300	43,2	82,6	7 700	46,0
48,0	27,2	72,2	6 600	34,8	77,4	7 800	39,6	80,3	7 200	48,0
50,0	21,5	67,8	6 200	30,4	74,3	7 400	35,8	77,7	6 800	50,0
52,0	13,7	61,5	6 000	25,4	70,5	6 900	31,5	74,7	6 400	52,0
54,0				19,2	65,7	6 500	26,7	71,1	6 000	54,0
56,0				9,8	57,9	6 100	20,9	66,6	5 600	56,0
58,0										58,0
60,0										60,0
62,0										62,0
64,0										64,0
66,0										66,0
68,0										68,0
70,0										70,0

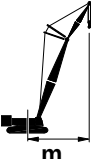
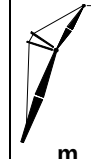
MLC165-1 S-2

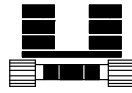
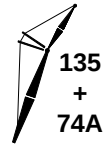
ASME B30.5



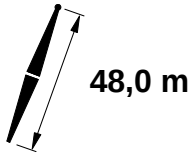
56 000 kg
+
20 450 kg



	75°			70°			65°			
										
	m	m	kg	m	kg	m	kg	m	kg	m
18,3										18,3
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0										38,0
40,0	58,5	89,8	8 200							40,0
42,0	55,7	88,5	7 600							42,0
44,0	52,8	87,1	7 100							44,0
46,0	49,8	85,5	6 600	55,6	87,2	5 600				46,0
48,0	46,6	83,7	6 200	52,8	85,7	5 200				48,0
50,0	43,3	81,7	5 800	49,7	84,1	4 900				50,0
52,0	39,8	79,4	5 500	46,6	82,3	4 600	52,5	84,0	3 500	52,0
54,0	35,9	76,8	5 100	43,3	80,3	4 300	49,5	82,3	3 200	54,0
56,0	31,7	73,9	4 800	39,7	78,1	4 000	46,3	80,5	3 000	56,0
58,0	26,9	70,3	4 500	35,9	75,5	3 700	43,0	78,5	2 700	58,0
60,0	21,1	65,8	4 200	31,6	72,5	3 500	39,4	76,2	2 500	60,0
62,0	13,1	59,3	4 000	26,8	68,9	3 200	35,6	73,6	2 300	62,0
64,0				21,0	64,4	3 000	31,3	70,6	2 100	64,0
66,0				13,0	57,9	2 700	26,4	67,0	1 900	66,0
68,0							20,5	62,4	1 700	68,0
70,0							12,2	55,5	1 500	70,0



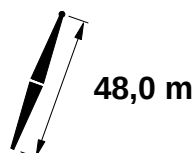
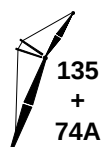
56 000 kg
+
20 450 kg

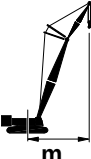
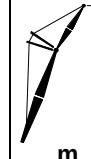


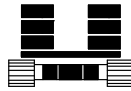
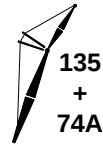
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
18,3	74,7	99,9	12 800						18,3	
20,0	72,7	99,4	12 400						20,0	
22,0	70,4	98,8	12 100						22,0	
24,0	68,0	98,0	11 600						24,0	
26,0	65,6	97,1	11 200	69,6	98,2	12 700			26,0	
28,0	63,2	96,2	10 700	67,2	97,4	12 500			28,0	
30,0	60,7	95,1	10 300	64,8	96,5	12 200			30,0	
32,0	58,1	93,9	9 800	62,3	95,5	11 900	65,4	96,3	12 000	32,0
34,0	55,5	92,6	9 300	59,8	94,4	11 400	62,9	95,3	11 800	34,0
36,0	52,7	91,2	8 800	57,2	93,2	10 900	60,4	94,3	10 800	36,0
38,0	49,9	89,6	8 400	54,6	91,8	10 300	57,9	93,1	10 000	38,0
40,0	46,9	87,8	7 900	51,8	90,3	9 700	55,2	91,8	9 300	40,0
42,0	43,8	85,8	7 500	48,9	88,7	9 100	52,5	90,3	8 700	42,0
44,0	40,5	83,6	7 100	45,9	86,8	8 600	49,6	88,7	8 100	44,0
46,0	37,0	81,1	6 700	42,8	84,8	8 100	46,7	86,9	7 600	46,0
48,0	33,1	78,3	6 400	39,4	82,5	7 600	43,5	84,9	7 100	48,0
50,0	28,9	75,0	6 100	35,8	79,9	7 100	40,2	82,7	6 700	50,0
52,0	23,9	70,9	5 600	31,8	76,9	6 600	36,7	80,1	6 300	52,0
54,0	17,6	65,6	5 100	27,3	73,4	6 000	32,8	77,2	5 900	54,0
56,0	7,4	56,6	4 700	22,0	69,0	5 400	28,4	73,9	5 600	56,0
58,0				15,0	63,0	5 000	23,4	69,7	5 200	58,0
60,0							16,9	64,3	4 900	60,0
62,0										62,0
64,0										64,0
66,0										66,0
68,0										68,0
70,0										70,0

MLC165-1 S-2

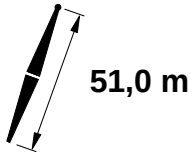
ASME B30.5



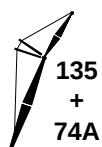
	75°			70°			65°			
										
	m	m	kg	m	kg	m	kg	m	kg	m
18,3										18,3
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0										38,0
40,0	60,5	93,3	8 100							40,0
42,0	58,0	92,2	7 500							42,0
44,0	55,3	90,8	7 000							44,0
46,0	52,6	89,4	6 500							46,0
48,0	49,7	87,8	6 100	55,3	89,5	5 100				48,0
50,0	46,8	86,0	5 700	52,5	88,0	4 800				50,0
52,0	43,6	84,0	5 300	49,7	86,4	4 400				52,0
54,0	40,3	81,8	5 000	46,7	84,6	4 100				54,0
56,0	36,8	79,3	4 700	43,6	82,7	3 900	49,5	84,6	2 800	56,0
58,0	32,9	76,4	4 400	40,3	80,4	3 600	46,5	82,8	2 500	58,0
60,0	28,6	73,0	4 100	36,8	77,9	3 300	43,4	80,8	2 300	60,0
62,0	23,6	69,0	3 900	32,9	75,0	3 100	40,0	78,6	2 100	62,0
64,0	17,2	63,6	3 600	28,5	71,7	2 800	36,5	76,1	1 900	64,0
66,0				23,5	67,6	2 600	32,6	73,1	1 700	66,0
68,0				17,1	62,2	2 400	28,2	69,7	1 500	68,0
70,0				6,2	52,5	2 200	23,1	65,6	1 400	70,0



56 000 kg
+
20 450 kg



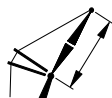
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
10,4	74,8		73,5	33 800 d					10,4	
12,0	70,2		73,0	32 700 d					12,0	
14,0	64,4		72,2	30 200 c					14,0	
16,0	58,3		71,1	27 700 b					16,0	
18,0	51,7		69,7	25 200 b	63,0	71,6	28 600 c		18,0	
20,0	44,5		67,9	22 900	56,8	70,4	26 300 b	64,9	71,5	24 800 c
22,0	36,2		65,5	20 900	50,1	68,9	23 300 b	58,8	70,4	21 900 b
24,0	25,7		62,2	19 200	42,7	67,0	20 900	52,3	69,0	19 600 b
26,0					34,0	64,5	18 900	45,1	67,3	17 800
28,0					22,7	60,8	17 200	37,0	65,0	16 200
30,0								26,8	61,7	14 800
32,0								9,4	55,6	13 500
34,0										
36,0										
38,0										
40,0										
42,0										
44,0										



56 000 kg
+
20 450 kg

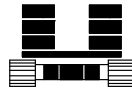
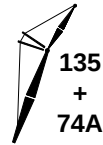


51,0 m

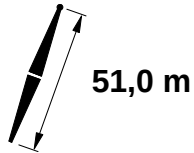


21,3 m

	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
10,4										10,4
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0	59,8	69,6	15 900 b							26,0
28,0	53,4	68,3	14 400 b							28,0
30,0	46,4	66,6	13 200							30,0
32,0	38,4	64,4	12 100	54,1	67,0	10 700 b				32,0
34,0	28,7	61,4	11 200	47,2	65,4	9 800 b				34,0
36,0	13,8	56,2	10 300	39,4	63,3	9 100				36,0
38,0				29,9	60,4	8 400				38,0
40,0							47,5	63,7	7 300	40,0
42,0							39,7	61,6	6 700	42,0
44,0							30,4	58,8	6 300	44,0
							17,0	54,2	5 800	44,0



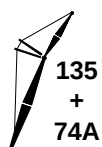
56 000 kg
+
20 450 kg



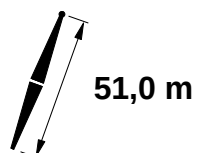
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
11,6	73,8	76,3	30 600 d						11,6	
12,0	72,8	76,2	30 200 d						12,0	
14,0	67,8	75,5	28 200 c						14,0	
16,0	62,6	74,6	26 100 b						16,0	
18,0	57,1	73,4	23 900 b	66,6	75,0	27 600 c			18,0	
20,0	51,4	72,0	21 900	61,4	74,0	25 500 b			20,0	
22,0	45,0	70,2	20 000	55,9	72,8	23 300 b	63,1	73,9	21 800 b	22,0
24,0	38,0	67,9	18 300	50,0	71,2	20 800	57,6	72,7	19 500 b	24,0
26,0	29,5	64,9	16 800	43,5	69,4	18 800	51,9	71,3	17 600	26,0
28,0	17,7	60,4	15 600	36,2	67,0	17 100	45,6	69,6	16 000	28,0
30,0				27,2	63,7	15 600	38,6	67,4	14 700	30,0
32,0				13,7	58,4	14 300	30,3	64,4	13 500	32,0
34,0							19,0	60,1	12 400	34,0
36,0										36,0
38,0										38,0
40,0										40,0
42,0										42,0
44,0										44,0
46,0										46,0

MLC165-1 S-2

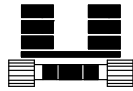
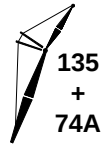
ASME B30.5



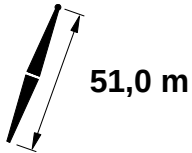
56 000 kg
+
20 450 kg



	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
11,6										11,6
12,0										12,0
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0	58,6	71,9	14 300 b							28,0
30,0	52,9	70,6	13 000							30,0
32,0	46,7	68,9	12 000							32,0
34,0	39,8	66,7	11 000	53,5	69,3	9 600 b				34,0
36,0	31,8	64,0	10 200	47,4	67,7	8 900				36,0
38,0	21,3	60,0	9 500	40,7	65,6	8 300				38,0
40,0				32,8	62,9	7 700	47,7	66,0	6 500	40,0
42,0				22,7	59,1	7 100	41,0	64,0	6 100	42,0
44,0							33,2	61,3	5 700	44,0
46,0							23,2	57,6	5 200	46,0



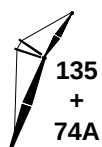
56 000 kg
+
20 450 kg



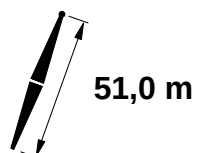
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
12,2	74,3	79,3	27 700 d						12,2	
14,0	70,3	78,8	26 300 c						14,0	
16,0	65,8	78,0	24 500 b						16,0	
18,0	61,2	77,0	22 700 b						18,0	
20,0	56,3	75,7	20 900	64,8	77,4	24 800 b			20,0	
22,0	51,1	74,3	19 200	60,1	76,3	23 000 b	66,2	77,3	21 700 b	22,0
24,0	45,5	72,5	17 600	55,1	75,1	20 700	61,6	76,3	19 400 b	24,0
26,0	39,3	70,3	16 200	49,9	73,5	18 700	56,7	75,1	17 500	26,0
28,0	32,1	67,5	14 900	44,1	71,7	17 000	51,6	73,6	15 900	28,0
30,0	23,1	63,7	13 800	37,8	69,4	15 600	46,0	71,9	14 600	30,0
32,0	7,0	56,3	13 100	30,3	66,4	14 300	39,9	69,7	13 400	32,0
34,0				20,6	62,2	13 200	32,8	67,0	12 400	34,0
36,0							24,1	63,3	11 500	36,0
38,0							9,6	56,7	10 600	38,0
40,0										40,0
42,0										42,0
44,0										44,0
46,0										46,0
48,0										48,0
50,0										50,0

MLC165-1 S-2

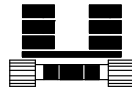
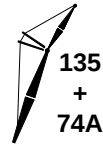
ASME B30.5



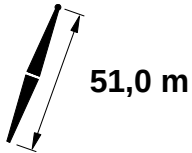
56 000 kg
+
20 450 kg

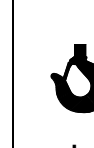
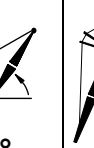
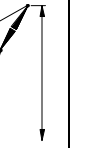
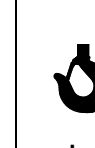


	75°			70°			65°			
	m	m	kg	m	kg	m	kg	m	kg	m
12,2										12,2
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0	57,5	74,3	12 900							30,0
32,0	52,4	72,9	11 900							32,0
34,0	47,0	71,2	10 900							34,0
36,0	40,9	69,1	10 100	53,0	71,6	8 800				36,0
38,0	34,1	66,5	9 400	47,6	70,0	8 200				38,0
40,0	25,7	63,0	8 700	41,7	68,0	7 600				40,0
42,0	13,1	57,3	8 100	34,9	65,4	7 100	47,9	68,3	6 000	42,0
44,0				26,8	62,1	6 600	41,9	66,3	5 600	44,0
46,0							35,2	63,8	5 200	46,0
48,0							27,2	60,5	4 800	48,0
50,0							15,7	55,4	4 500	50,0



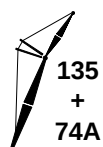
56 000 kg
+
20 450 kg



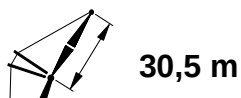
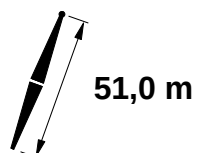
	87°			83°			80°			
 m	 °	 m	 kg	 °	 m	 kg	 °	 m	 kg	 m
13,7	72,9	82,1	24 400 c							13,7
14,0	72,4	82,0	24 300 c							14,0
16,0	68,4	81,3	22 900 b							16,0
18,0	64,3	80,4	21 400 b							18,0
20,0	60,0	79,3	19 900	67,5	80,7	23 600 b				20,0
22,0	55,6	78,1	18 400	63,3	79,8	22 000 b				22,0
24,0	50,9	76,6	17 000	59,0	78,7	20 500	64,6	79,7	19 200 b	24,0
26,0	45,9	74,8	15 600	54,5	77,4	18 600	60,4	78,6	17 300	26,0
28,0	40,4	72,7	14 400	49,8	75,8	16 900	56,0	77,4	15 800	28,0
30,0	34,1	70,0	13 300	44,6	74,0	15 500	51,3	75,9	14 400	30,0
32,0	26,7	66,6	12 400	39,0	71,8	14 200	46,3	74,2	13 300	32,0
34,0	16,5	61,6	11 600	32,6	69,0	13 100	40,9	72,1	12 200	34,0
36,0				24,7	65,3	12 200	34,7	69,5	11 300	36,0
38,0				13,1	59,5	11 300	27,4	66,2	10 500	38,0
40,0							17,6	61,4	9 800	40,0
42,0										42,0
44,0										44,0
46,0										46,0
48,0										48,0
50,0										50,0
52,0										52,0

MLC165-1 S-2

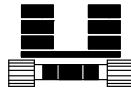
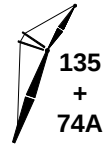
ASME B30.5



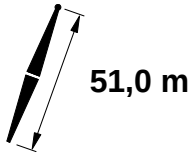
56 000 kg
+
20 450 kg



	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	56,7	76,6	11 700							32,0
34,0	52,1	75,2	10 800							34,0
36,0	47,2	73,5	10 000							36,0
38,0	41,8	71,4	9 200	52,6	74,0	8 000				38,0
40,0	35,8	69,0	8 600	47,7	72,3	7 400				40,0
42,0	28,8	65,8	8 000	42,4	70,3	6 900				42,0
44,0	19,6	61,3	7 500	36,5	67,9	6 400	48,0	70,6	5 400	44,0
46,0				29,6	64,8	6 000	42,7	68,6	5 000	46,0
48,0				20,8	60,5	5 600	36,8	66,2	4 600	48,0
50,0							30,0	63,2	4 300	50,0
52,0							21,2	59,0	4 000	52,0



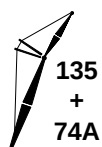
56 000 kg
+
20 450 kg



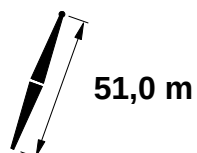
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
13,7	74,5	85,2	22 600 c						13,7	
14,0	74,0	85,2	22 400 c						14,0	
16,0	70,4	84,5	21 300 b						16,0	
18,0	66,8	83,7	20 100 b						18,0	
20,0	63,0	82,8	18 800	69,6	84,0	22 500 b			20,0	
22,0	59,1	81,7	17 500	65,9	83,2	21 400 b			22,0	
24,0	55,0	80,4	16 300	62,1	82,2	20 100			24,0	
26,0	50,7	78,9	15 100	58,2	81,1	18 500	63,3	82,1	26,0	17 300
28,0	46,2	77,1	14 000	54,0	79,7	16 900	59,4	81,0	28,0	15 700
30,0	41,2	75,0	13 000	49,7	78,1	15 400	55,4	79,7	30,0	14 400
32,0	35,7	72,5	12 000	45,1	76,3	14 200	51,1	78,2	32,0	13 200
34,0	29,3	69,4	11 200	40,0	74,1	13 100	46,6	76,5	34,0	12 200
36,0	21,3	65,1	10 500	34,3	71,5	12 200	41,7	74,4	36,0	11 300
38,0	7,7	57,4	10 100	27,7	68,2	11 300	36,2	72,0	38,0	10 500
40,0				19,1	63,5	10 500	30,0	68,9	40,0	9 800
42,0							22,2	64,8	42,0	9 200
44,0							9,7	57,8	44,0	8 600
46,0									46,0	
48,0									48,0	
50,0									50,0	
52,0									52,0	
54,0									54,0	
56,0									56,0	

MLC165-1 S-2

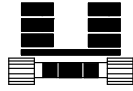
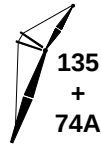
ASME B30.5



56 000 kg
+
20 450 kg



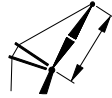
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
13,7										13,7
14,0										14,0
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	60,1	80,2	11 700							32,0
34,0	56,1	78,9	10 700							34,0
36,0	51,8	77,5	9 900							36,0
38,0	47,3	75,8	9 200							38,0
40,0	42,5	73,8	8 600	52,3	76,3	7 400				40,0
42,0	37,2	71,4	8 000	47,9	74,6	6 900				42,0
44,0	31,1	68,4	7 500	43,1	72,6	6 400				44,0
46,0	23,6	64,6	7 000	37,8	70,3	6 000	48,1	72,9	5 000	46,0
48,0	12,6	58,4	6 500	31,8	67,4	5 600	43,3	71,0	4 600	48,0
50,0				24,6	63,7	5 200	38,0	68,6	4 300	50,0
52,0							32,1	65,8	4 000	52,0
54,0							24,9	62,1	3 800	54,0
56,0							14,8	56,6	3 500	56,0



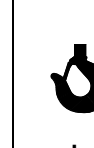
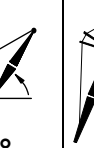
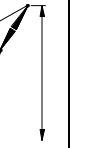
56 000 kg
+
20 450 kg



51,0 m

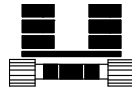
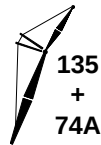


36,6 m

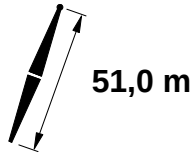
	87°			83°			80°			
										
	m	°	m	kg	m	°	m	kg	m	m
15,2	73,4	88,0	20 000 b							15,2
16,0	72,1	87,7	19 700 b							16,0
18,0	68,8	87,0	18 700 b							18,0
20,0	65,4	86,2	17 700							20,0
22,0	61,9	85,2	16 600	68,0	86,5	20 000 b				22,0
24,0	58,3	84,0	15 500	64,6	85,6	19 300				24,0
26,0	54,5	82,7	14 500	61,1	84,6	18 300	65,7	85,5	17 200	26,0
28,0	50,6	81,2	13 400	57,4	83,4	16 700	62,2	84,5	15 600	28,0
30,0	46,4	79,4	12 500	53,6	82,0	15 300	58,6	83,4	14 200	30,0
32,0	41,9	77,4	11 600	49,6	80,4	14 100	54,9	82,1	13 100	32,0
34,0	37,0	74,9	10 800	45,4	78,6	13 000	50,9	80,5	12 100	34,0
36,0	31,4	72,0	10 100	40,8	76,5	12 000	46,8	78,8	11 200	36,0
38,0	24,7	68,2	9 500	35,7	73,9	11 200	42,3	76,8	10 400	38,0
40,0	15,6	62,8	9 000	30,0	70,8	10 400	37,4	74,4	9 700	40,0
42,0				22,9	66,8	9 800	31,9	71,5	9 000	42,0
44,0				12,7	60,6	9 100	25,4	67,8	8 500	44,0
46,0							16,6	62,6	7 900	46,0
48,0										48,0
50,0										50,0
52,0										52,0
54,0										54,0
56,0										56,0
58,0										58,0

MLC165-1 S-2

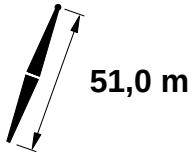
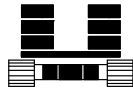
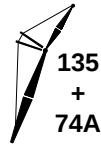
ASME B30.5



56 000 kg
+
20 450 kg



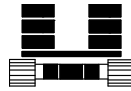
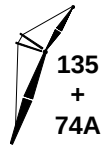
	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0	62,8	83,7	11 500							32,0
34,0	59,2	82,5	10 600							34,0
36,0	55,5	81,3	9 800							36,0
38,0	51,6	79,8	9 100							38,0
40,0	47,5	78,1	8 400	55,9	80,0	7 200				40,0
42,0	43,1	76,1	7 900	52,0	78,6	6 700				42,0
44,0	38,3	73,8	7 300	48,0	76,9	6 200				44,0
46,0	32,9	71,0	6 900	43,6	74,9	5 800	52,2	76,9	4 800	46,0
48,0	26,5	67,5	6 400	38,8	72,7	5 400	48,1	75,2	4 400	48,0
50,0	18,3	62,6	6 000	33,5	69,9	5 100	43,8	73,3	4 100	50,0
52,0				27,3	66,5	4 800	39,0	71,0	3 800	52,0
54,0				19,4	61,9	4 400	33,8	68,3	3 500	54,0
56,0							27,6	64,9	3 300	56,0
58,0							19,8	60,4	3 000	58,0



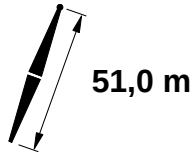
	87°			83°			80°			
	m	°	m	kg	m	kg	m	kg	m	m
15,2	74,7	91,2	18 000 b							15,2
16,0	73,5	90,9	17 800 b							16,0
18,0	70,5	90,3	17 000 b							18,0
20,0	67,4	89,5	16 200							20,0
22,0	64,2	88,6	15 300	69,8	89,8	18 000 b				22,0
24,0	61,0	87,6	14 500	66,7	89,0	17 500				24,0
26,0	57,6	86,4	13 600	63,5	88,0	16 900	67,7	88,8	17 000	26,0
28,0	54,1	85,0	12 700	60,2	87,0	16 100	64,5	87,9	15 500	28,0
30,0	50,5	83,5	11 900	56,8	85,7	15 200	61,3	86,9	14 100	30,0
32,0	46,6	81,7	11 100	53,3	84,3	14 000	57,9	85,7	13 000	32,0
34,0	42,5	79,7	10 400	49,6	82,7	12 900	54,4	84,4	12 000	34,0
36,0	38,0	77,3	9 700	45,7	80,9	12 000	50,8	82,8	11 100	36,0
38,0	33,0	74,5	9 100	41,5	78,8	11 100	46,9	81,1	10 300	38,0
40,0	27,2	71,1	8 600	36,9	76,4	10 400	42,8	79,1	9 600	40,0
42,0	20,0	66,5	8 100	31,8	73,4	9 700	38,4	76,8	9 000	42,0
44,0	8,1	58,5	7 800	25,8	69,8	9 100	33,5	74,0	8 400	44,0
46,0				18,0	64,8	8 500	27,8	70,6	7 900	46,0
48,0							20,8	66,2	7 400	48,0
50,0							9,8	58,9	6 900	50,0
52,0										52,0
54,0										54,0
56,0										56,0
58,0										58,0
60,0										60,0
62,0										62,0

MLC165-1 S-2

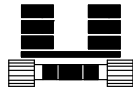
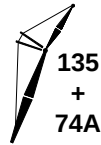
ASME B30.5



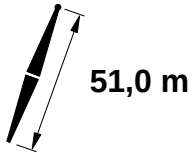
56 000 kg
+
20 450 kg



	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
15,2										15,2
16,0										16,0
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0	61,8	86,0	10 500							34,0
36,0	58,5	84,9	9 700							36,0
38,0	55,0	83,6	9 000							38,0
40,0	51,4	82,1	8 300							40,0
42,0	47,6	80,4	7 800	55,4	82,3	6 600				42,0
44,0	43,5	78,4	7 200	51,8	80,9	6 100				44,0
46,0	39,2	76,1	6 800	48,0	79,2	5 700				46,0
48,0	34,3	73,5	6 300	44,0	77,3	5 300				48,0
50,0	28,8	70,2	5 900	39,7	75,0	5 000	48,2	77,5	3 900	50,0
52,0	22,1	66,0	5 600	34,9	72,4	4 700	44,2	75,6	3 600	52,0
54,0	12,3	59,5	5 200	29,5	69,2	4 400	39,9	73,4	3 400	54,0
56,0				22,9	65,2	4 100	35,1	70,8	3 100	56,0
58,0							29,7	67,6	2 900	58,0
60,0							23,2	63,6	2 600	60,0
62,0							14,2	57,7	2 400	62,0



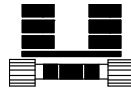
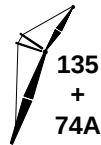
56 000 kg
+
20 450 kg



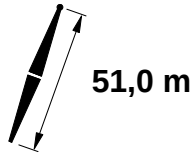
	87°			83°			80°			
	m	°	m	kg	m	°	m	kg	m	m
16,8	73,7	93,9	16 100 b							16,8
18,0	71,9	93,5	15 700 b							18,0
20,0	69,1	92,8	15 000							20,0
22,0	66,2	92,0	14 300							22,0
24,0	63,2	91,0	13 600	68,4	92,3	16 100				24,0
26,0	60,2	89,9	12 800	65,5	91,4	15 600				26,0
28,0	57,0	88,7	12 100	62,5	90,4	15 100	66,4	91,3	15 300	28,0
30,0	53,8	87,3	11 400	59,5	89,3	14 500	63,5	90,3	14 000	30,0
32,0	50,4	85,8	10 700	56,3	88,1	13 800	60,4	89,3	12 800	32,0
34,0	46,8	84,0	10 000	53,0	86,6	12 800	57,3	88,1	11 800	34,0
36,0	43,0	82,0	9 400	49,5	85,0	11 800	54,1	86,7	10 900	36,0
38,0	38,9	79,7	8 800	45,9	83,2	11 000	50,7	85,1	10 200	38,0
40,0	34,4	77,0	8 300	42,1	81,2	10 200	47,1	83,4	9 500	40,0
42,0	29,3	73,8	7 800	37,9	78,8	9 600	43,3	81,4	8 800	42,0
44,0	23,2	69,7	7 400	33,3	76,0	9 000	39,2	79,1	8 200	44,0
46,0	15,0	63,9	7 100	28,0	72,6	8 400	34,8	76,5	7 700	46,0
48,0				21,6	68,3	7 900	29,7	73,3	7 200	48,0
50,0				12,3	61,7	7 400	23,8	69,3	6 800	50,0
52,0							15,8	63,8	6 400	52,0
54,0										54,0
56,0										56,0
58,0										58,0
60,0										60,0
62,0										62,0
64,0										64,0

MLC165-1 S-2

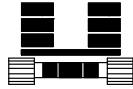
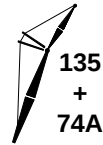
ASME B30.5



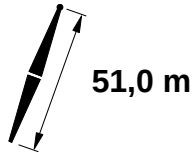
56 000 kg
+
20 450 kg



	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0	60,9	88,4	9 500							36,0
38,0	57,8	87,2	8 800							38,0
40,0	54,6	85,9	8 200							40,0
42,0	51,2	84,4	7 600							42,0
44,0	47,7	82,7	7 100	55,0	84,7	5 900				44,0
46,0	44,0	80,7	6 600	51,6	83,2	5 500				46,0
48,0	39,9	78,5	6 200	48,1	81,5	5 100				48,0
50,0	35,5	75,9	5 800	44,4	79,6	4 800				50,0
52,0	30,6	72,9	5 400	40,4	77,4	4 500	48,3	79,8	3 400	52,0
54,0	24,9	69,1	5 100	36,1	74,8	4 200	44,6	77,9	3 100	54,0
56,0	17,4	63,9	4 800	31,2	71,8	3 900	40,6	75,7	2 800	56,0
58,0				25,6	68,1	3 700	36,3	73,2	2 600	58,0
60,0				18,4	63,2	3 400	31,4	70,2	2 400	60,0
62,0							25,8	66,6	2 200	62,0
64,0							18,7	61,7	2 000	64,0



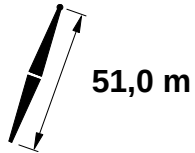
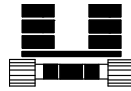
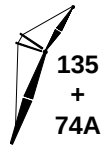
56 000 kg
+
20 450 kg



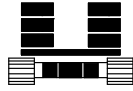
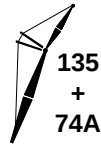
	87°			83°			80°			
	m	°	m	kg	m	kg	m	kg	m	
16,8	74,8	97,1	14 800 b							16,8
18,0	73,2	96,7	14 500 b							18,0
20,0	70,5	96,0	14 000							20,0
22,0	67,9	95,3	13 400							22,0
24,0	65,1	94,4	12 800							24,0
26,0	62,3	93,4	12 100	67,2	94,7	14 400				26,0
28,0	59,5	92,3	11 500	64,5	93,8	14 000				28,0
30,0	56,5	91,1	10 900	61,7	92,8	13 500	65,4	93,7	13 900	30,0
32,0	53,5	89,7	10 300	58,8	91,7	13 000	62,6	92,7	12 800	32,0
34,0	50,3	88,1	9 700	55,8	90,4	12 400	59,7	91,6	11 800	34,0
36,0	46,9	86,3	9 100	52,7	89,0	11 800	56,8	90,4	10 900	36,0
38,0	43,4	84,3	8 600	49,5	87,3	10 900	53,7	89,0	10 100	38,0
40,0	39,6	82,1	8 100	46,1	85,5	10 200	50,6	87,4	9 400	40,0
42,0	35,5	79,5	7 600	42,5	83,5	9 500	47,2	85,7	8 800	42,0
44,0	30,9	76,4	7 200	38,7	81,2	8 900	43,7	83,7	8 200	44,0
46,0	25,6	72,7	6 800	34,5	78,5	8 400	39,9	81,5	7 700	46,0
48,0	19,0	67,8	6 500	29,8	75,3	7 900	35,9	78,9	7 200	48,0
50,0	8,4	59,6	6 200	24,3	71,4	7 400	31,3	75,9	6 800	50,0
52,0				17,2	66,1	7 000	26,1	72,3	6 400	52,0
54,0							19,7	67,5	6 000	54,0
56,0							9,8	59,9	5 600	56,0
58,0										58,0
60,0										60,0
62,0										62,0
64,0										64,0
66,0										66,0
68,0										68,0

MLC165-1 S-2

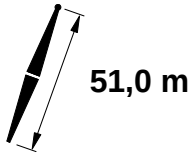
ASME B30.5

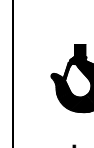
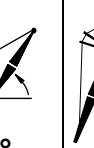
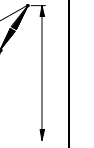


	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
16,8										16,8
18,0										18,0
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0	60,2	90,8	8 700							38,0
40,0	57,3	89,6	8 100							40,0
42,0	54,2	88,2	7 500							42,0
44,0	51,1	86,7	7 000							44,0
46,0	47,8	85,0	6 600	54,6	87,0	5 500				46,0
48,0	44,3	83,1	6 200	51,4	85,5	5 100				48,0
50,0	40,6	80,9	5 800	48,2	83,8	4 800				50,0
52,0	36,6	78,4	5 400	44,7	81,9	4 500	51,6	83,8	3 300	52,0
54,0	32,1	75,4	5 100	41,0	79,7	4 200	48,3	82,1	3 000	54,0
56,0	27,0	71,9	4 800	37,0	77,3	3 900	44,9	80,2	2 800	56,0
58,0	20,9	67,4	4 500	32,6	74,4	3 600	41,2	78,1	2 600	58,0
60,0	12,0	60,6	4 200	27,7	70,9	3 400	37,2	75,6	2 300	60,0
62,0				21,6	66,6	3 100	32,9	72,8	2 100	62,0
64,0				13,3	60,2	2 900	27,9	69,4	1 900	64,0
66,0							21,9	65,1	1 700	66,0
68,0							13,8	58,8	1 600	68,0



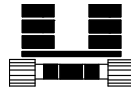
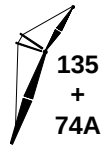
56 000 kg
+
20 450 kg



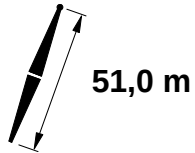
	87°			83°			80°			
										
	m	°	m	kg	m	°	m	kg	m	m
18,3	73,9	99,8	13 200 b							18,3
20,0	71,8	99,3	12 800							20,0
22,0	69,3	98,6	12 400							22,0
24,0	66,8	97,7	11 900							24,0
26,0	64,2	96,8	11 300	68,7	98,0	13 200				26,0
28,0	61,6	95,8	10 800	66,2	97,2	12 900				28,0
30,0	58,8	94,7	10 300	63,6	96,3	12 600				30,0
32,0	56,1	93,4	9 800	60,9	95,2	12 100	64,4	96,1	12 600	32,0
34,0	53,2	92,0	9 200	58,2	94,0	11 700	61,8	95,1	11 600	34,0
36,0	50,2	90,4	8 700	55,4	92,7	11 200	59,1	94,0	10 700	36,0
38,0	47,1	88,6	8 200	52,5	91,3	10 700	56,3	92,7	10 000	38,0
40,0	43,8	86,7	7 800	49,5	89,6	10 100	53,4	91,3	9 300	40,0
42,0	40,2	84,4	7 400	46,3	87,8	9 400	50,5	89,7	8 600	42,0
44,0	36,5	81,9	7 000	43,0	85,8	8 800	47,3	88,0	8 100	44,0
46,0	32,3	79,0	6 600	39,4	83,5	8 200	44,1	86,1	7 600	46,0
48,0	27,6	75,5	6 300	35,5	80,9	7 700	40,6	83,9	7 100	48,0
50,0	22,0	71,2	5 900	31,3	77,9	7 300	36,8	81,4	6 600	50,0
52,0	14,4	65,1	5 700	26,4	74,2	6 800	32,7	78,5	6 200	52,0
54,0				20,5	69,6	6 400	28,0	75,1	5 900	54,0
56,0				12,1	62,8	6 100	22,5	70,8	5 500	56,0
58,0							15,3	65,0	5 200	58,0
60,0										60,0
62,0										62,0
64,0										64,0
66,0										66,0

MLC165-1 S-2

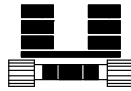
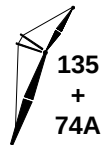
ASME B30.5



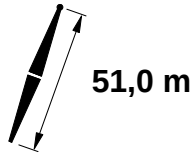
56 000 kg
+
20 450 kg



	75°			70°			65°			
	m	m	kg	m	m	kg	m	m	kg	m
18,3										18,3
20,0										20,0
22,0										22,0
24,0										24,0
26,0										26,0
28,0										28,0
30,0										30,0
32,0										32,0
34,0										34,0
36,0										36,0
38,0										38,0
40,0	59,5	93,2	7 900							40,0
42,0	56,8	91,9	7 400							42,0
44,0	53,9	90,5	6 900							44,0
46,0	51,0	89,0	6 400	57,1	90,7	5 300				46,0
48,0	47,9	87,3	6 000	54,2	89,3	4 900				48,0
50,0	44,6	85,4	5 600	51,3	87,8	4 600				50,0
52,0	41,2	83,2	5 300	48,2	86,1	4 300				52,0
54,0	37,4	80,8	4 900	45,0	84,2	4 000	51,4	86,1	2 800	54,0
56,0	33,4	78,0	4 600	41,6	82,1	3 700	48,4	84,4	2 500	56,0
58,0	28,8	74,6	4 300	37,9	79,7	3 400	45,1	82,5	2 300	58,0
60,0	23,5	70,6	4 100	33,9	76,9	3 100	41,7	80,4	2 100	60,0
62,0	16,7	65,1	3 800	29,4	73,7	2 900	38,0	78,0	1 900	62,0
64,0	2,5	53,3	3 500	24,2	69,7	2 700	34,0	75,3	1 700	64,0
66,0				17,6	64,4	2 500	29,6	72,0	1 500	66,0



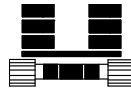
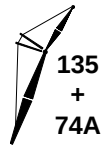
56 000 kg
+
20 450 kg



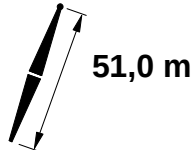
	87°			83°			80°			
	m	°	m	kg	°	m	kg	°	m	kg
19,8	73,1	102,5	11 800						19,8	
20,0	72,9	102,5	11 800						20,0	
22,0	70,6	101,8	11 400						22,0	
24,0	68,2	101,0	11 100						24,0	
26,0	65,8	100,2	10 600	70,0	101,3	11 900			26,0	
28,0	63,4	99,2	10 200	67,7	100,5	11 800			28,0	
30,0	60,9	98,2	9 800	65,3	99,6	11 500			30,0	
32,0	58,3	97,0	9 400	62,8	98,7	11 200	66,0	99,5	11 200	32,0
34,0	55,7	95,7	8 900	60,3	97,6	10 800	63,6	98,5	11 100	34,0
36,0	52,9	94,3	8 500	57,7	96,4	10 200	61,1	97,5	10 700	36,0
38,0	50,1	92,7	8 100	55,0	95,0	9 700	58,5	96,3	9 900	38,0
40,0	47,2	90,9	7 600	52,3	93,6	9 200	55,9	95,0	9 200	40,0
42,0	44,1	89,0	7 300	49,5	91,9	8 700	53,2	93,6	8 500	42,0
44,0	40,8	86,8	6 900	46,5	90,1	8 200	50,4	92,0	8 000	44,0
46,0	37,3	84,3	6 500	43,3	88,1	7 700	47,4	90,3	7 500	46,0
48,0	33,5	81,5	6 200	40,0	85,9	7 200	44,4	88,4	7 000	48,0
50,0	29,2	78,2	5 800	36,4	83,3	6 800	41,1	86,2	6 600	50,0
52,0	24,3	74,2	5 300	32,5	80,4	6 300	37,6	83,8	6 200	52,0
54,0	18,2	69,1	4 800	28,2	77,0	5 700	33,8	81,0	5 800	54,0
56,0	8,6	60,7	4 400	23,0	72,8	5 200	29,6	77,7	5 500	56,0
58,0				16,5	67,3	4 800	24,8	73,8	5 100	58,0
60,0							18,8	68,8	4 800	60,0
62,0							9,9	61,0	4 500	62,0
64,0										64,0
66,0										66,0
68,0										68,0
70,0										70,0

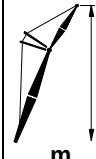
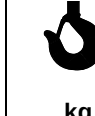
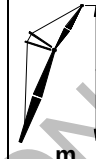
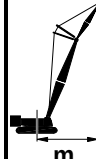
MLC165-1 S-2

ASME B30.5



56 000 kg
+
20 450 kg



	75°			70°			
 m		 m	 kg		 m	 kg	 m
19,8							19,8
20,0							20,0
22,0							22,0
24,0							24,0
26,0							26,0
28,0							28,0
30,0							30,0
32,0							32,0
34,0							34,0
36,0							36,0
38,0							38,0
40,0	61,5	96,7	7 800				40,0
42,0	59,0	95,5	7 300				42,0
44,0	56,3	94,2	6 800				44,0
46,0	53,6	92,8	6 300				46,0
48,0	50,8	91,3	5 900				48,0
50,0	47,9	89,6	5 500	53,9	91,6	4 400	50,0
52,0	44,9	87,7	5 200	51,2	90,1	4 100	52,0
54,0	41,6	85,6	4 800	48,3	88,4	3 800	54,0
56,0	38,2	83,2	4 500	45,2	86,5	3 500	56,0
58,0	34,5	80,4	4 300	42,0	84,4	3 300	58,0
60,0	30,3	77,3	4 000	38,6	82,1	3 000	60,0
62,0	25,6	73,5	3 700	34,9	79,4	2 800	62,0
64,0	19,9	68,8	3 500	30,8	76,3	2 500	64,0
66,0	11,8	61,7	3 300	26,2	72,6	2 300	66,0
68,0				20,6	68,0	2 100	68,0
70,0				13,0	61,3	1 900	70,0