

# TECHNICAL DOCUMENTS

## WEIGHT OF THE DIFFERENT COMPONENTS IN KG

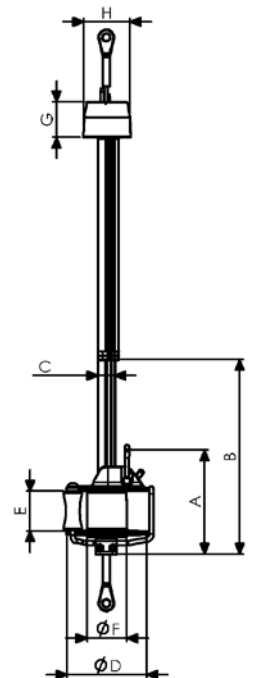
Models	Drum mechanism	Turnbuckle cylinder	Complete Swivel	Comple luff extrusion Kg / m	Head fitting + wrapstop
<b>C290</b>	2,09	included	0,54	0,557	0,16
<b>C320</b>	2,08	0,76	0,58	0,661	0,18
<b>C350</b>	3,12	0,82	0,84	0,728	0,32
<b>C420</b>	3,43	0,87	1,07	0,933	0,38
<b>C430</b>	3,51	0,87	1,73	0,933	0,38
<b>C480</b>	6,06	1,79	2,08	1,2	0,56
<b>C520</b>	6,06	2,22	2,08	1,46	0,57
<b>C530</b>	6,06	2,22	2,37	2,8	0,57
<b>R250</b>	1,6	0,45	0,51	0,383	0,06
<b>R350</b>	2,16	0,63	0,85	0,638	0,18
<b>R420</b>	3,75	0,94	0,98	0,835	0,36
<b>R430</b>	3,75	0,94	1,68	0,835	0,36
<b>R480</b>	6,09	1,79	2,08	1,2	0,44

## WEIGHT OF COMPONENTS: MOTORISED SYSTEMS

	NDEC / NDHC 420 430	NDEC / NDHC 480 520 530
<b>Gear motor only</b>	14 Kg	15 Kg
<b>Lower SS tube &amp; toggle</b>	5,51 Kg	9,63 Kg
<b>Standard swivel</b>	1,1 Kg	2,58 Kg
<b>Swivel</b>	1,58 Kg	3,07 Kg
<b>Extrusions incl connectors &amp; bearings</b>	1,09 Kg/m	1,62 Kg

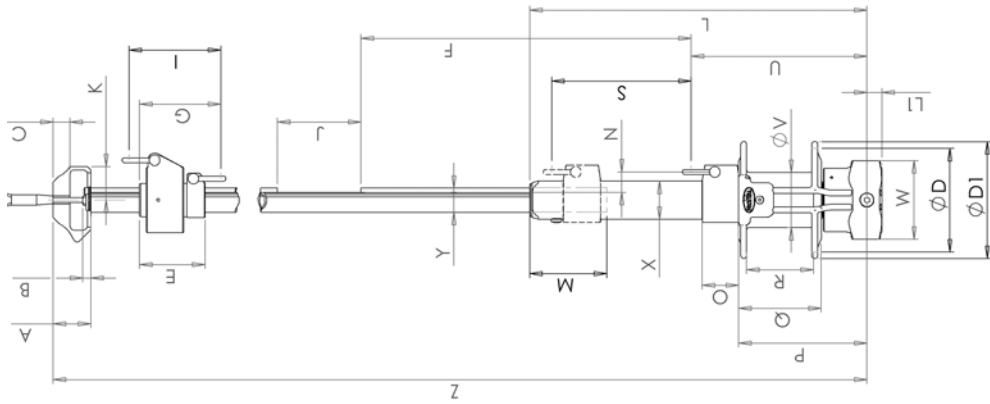
## DIMENSIONS OF C260 MODEL

	mm	ins
A	150	5 29/32"
B	575	1'10 5/8"
C	26	1 1/32"
D	115	4 17/32"
E	56	2 13/64"
F	56	2 13/64"
G	67	2 41/64"
H	50	1 63/64"

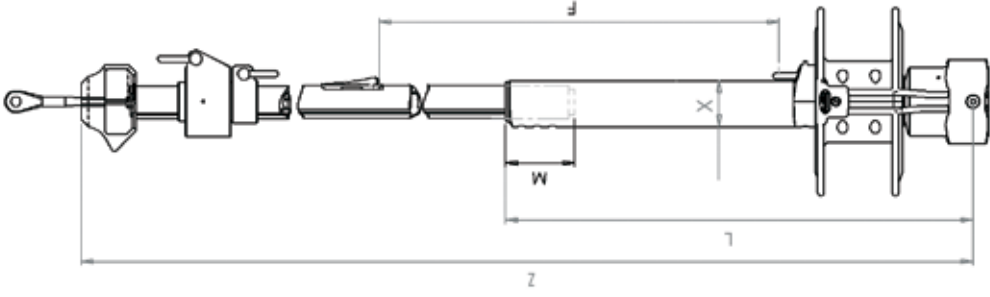


**C290 MODEL &  
BELOW DECK FITTING**

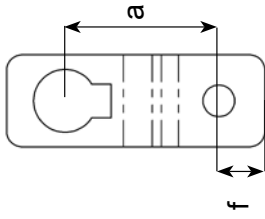
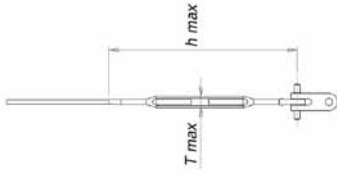
**DIMENSIONS FOR MODELS FROM C320 TO C430 - R250 TO R430**



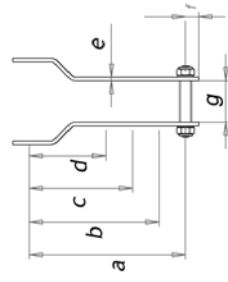
Standard fitting



with turnbuckle  
cylinder



Short link plates



Long link plates

# DIMENSIONS OF C290, C320, C350, C420, C430 MODELS

	C290				C320				C350				C420				C430			
	Standard		Turnbuckle cylinder		Standard		Turnbuckle cylinder		Standard		Turnbuckle cylinder		Standard		Turnbuckle cylinder		Standard		Turnbuckle cylinder	
	mm	ins	mm	ins	mm	ins	mm	ins	mm	ins	mm	ins	mm	ins	mm	ins	mm	ins	mm	ins
<b>A</b>	44	1 7/8"	44	1 7/8"	68	2 3/4"	68	2 3/4"	68	2 3/4"	68	2 3/4"	68	2 3/4"	68	2 3/4"	68	2 3/4"	68	2 3/4"
<b>B</b>	10	3/8"	10	3/8"	10	3/8"	10	3/8"	10	3/8"	10	3/8"	10	3/8"	10	3/8"	10	3/8"	10	3/8"
<b>C</b>	22	5/8"	22	5/8"	28	1 1/4"	28	1 1/4"	28	1 1/4"	28	1 1/4"	28	1 1/4"	28	1 1/4"	28	1 1/4"	28	1 1/4"
<b>D</b>	120	4 3/4"	180	7 1/2"	200	7 7/8"	200	7 7/8"	200	7 7/8"	200	7 7/8"	200	7 7/8"	200	7 7/8"	200	7 7/8"	200	7 7/8"
<b>ØD1</b>	140	5 3/4"	200	7 7/8"	222	8 3/4"	222	8 3/4"	222	8 3/4"	222	8 3/4"	222	8 3/4"	222	8 3/4"	222	8 3/4"	222	8 3/4"
<b>E</b>	79	3 1/8"	79	3 1/8"	103	4 1/16"	103	4 1/16"	103	4 1/16"	103	4 1/16"	103	4 1/16"	103	4 1/16"	103	4 1/16"	103	4 1/16"
<b>F</b>	293	11 1/2"	461	16 1/4"	442	15 1/2"	442	15 1/2"	442	15 1/2"	442	15 1/2"	442	15 1/2"	442	15 1/2"	442	15 1/2"	442	15 1/2"
<b>G</b>	96	3 3/4"	96	3 3/4"	125	4 7/8"	125	4 7/8"	125	4 7/8"	125	4 7/8"	125	4 7/8"	125	4 7/8"	125	4 7/8"	125	4 7/8"
<b>Hmax</b>	320	1 5/8"	110	4 21/64"	424	1 4 3/4"	137	5 25/64"	457	1 5 63/64"	154	6 1/16"	154	6 1/16"	154	6 1/16"	154	6 1/16"	154	6 1/16"
<b>I</b>	109	4 1/2"	109	4 1/2"	142	5 19/32"	142	5 19/32"	142	5 19/32"	142	5 19/32"	142	5 19/32"	142	5 19/32"	142	5 19/32"	142	5 19/32"
<b>J</b>	100	3 7/8"	72	2 53/64"	72	2 53/64"	72	2 53/64"	72	2 53/64"	72	2 53/64"	72	2 53/64"	72	2 53/64"	72	2 53/64"	72	2 53/64"
<b>K</b>	33	1 1/4"	33	1 1/4"	47	1 27/32"	47	1 27/32"	47	1 27/32"	47	1 27/32"	47	1 27/32"	47	1 27/32"	47	1 27/32"	47	1 27/32"
<b>L</b>	404	1 3 7/8"	181	7 1/4"	220	8 3/4"	220	8 3/4"	220	8 3/4"	220	8 3/4"	220	8 3/4"	220	8 3/4"	220	8 3/4"	220	8 3/4"
<b>L1</b>	18	45/64"	18	45/64"	20	25/32"	20	25/32"	20	25/32"	20	25/32"	20	25/32"	20	25/32"	20	25/32"	20	25/32"
<b>M</b>	78	35/64"	64	2 33/64"	75	2 15/16"	75	2 15/16"	75	2 15/16"	75	2 15/16"	75	2 15/16"	75	2 15/16"	75	2 15/16"	75	2 15/16"
<b>N</b>	25	63/64"	17	43/64"	21	53/64"	21	53/64"	21	53/64"	21	53/64"	21	53/64"	21	53/64"	21	53/64"	21	53/64"
<b>O</b>	45	1 49/64"																		
<b>P</b>	150	5 29/32"	157	6 3/16"	184	7 1/4"	184	7 1/4"	184	7 1/4"	184	7 1/4"	184	7 1/4"	184	7 1/4"	184	7 1/4"	184	7 1/4"
<b>Q</b>	98	3 55/64"	88	3 15/32"	108	4 1/4"	108	4 1/4"	108	4 1/4"	108	4 1/4"	108	4 1/4"	108	4 1/4"	108	4 1/4"	108	4 1/4"
<b>R</b>	80	3 5/32"	66	2 19/32"	86	3 25/64"	86	3 25/64"	86	3 25/64"	86	3 25/64"	86	3 25/64"	86	3 25/64"	86	3 25/64"	86	3 25/64"
<b>S</b>	170	6 11/64"																		
<b>Tmax</b>	29	1 9/64"	32	1 17/64"	42	1 21/32"	42	1 21/32"	42	1 21/32"	42	1 21/32"	42	1 21/32"	42	1 21/32"	42	1 21/32"	42	1 21/32"
<b>U</b>	213	8 25/64"	199	7 53/64"	245	9 41/64"	245	9 41/64"	245	9 41/64"	245	9 41/64"	245	9 41/64"	245	9 41/64"	245	9 41/64"	245	9 41/64"
<b>V</b>	66	2 19/32"	92	3 5/8"	105	4 9/64"	105	4 9/64"	105	4 9/64"	105	4 9/64"	105	4 9/64"	105	4 9/64"	105	4 9/64"	105	4 9/64"
<b>W</b>	97	3 13/16"	97	3 13/16"	115	4 17/32"	115	4 17/32"	115	4 17/32"	115	4 17/32"	115	4 17/32"	115	4 17/32"	115	4 17/32"	115	4 17/32"
<b>X</b>	46	1 13/16"			52	2 3/64"	52	2 3/64"	52	2 3/64"	52	2 3/64"	52	2 3/64"	52	2 3/64"	52	2 3/64"	52	2 3/64"
<b>Y</b>	29	1 9/64"	32	1 17/64"	35	13/8"	35	13/8"	35	13/8"	35	13/8"	35	13/8"	35	13/8"	35	13/8"	35	13/8"
<b>Z</b>	10370	34 1/4"	12160	39 10 3/4"	12475	39 10 3/4"	14215	46 7 3/4"	14535	47 8 1/4"	16230	53 2"	16230	53 2"	16230	53 2"	16230	53 2"	16230	53 2"
Short link plates																				
<b>a</b>	50 (1 31/32")		50 (1 31/32")		55 (2 5/32")		55 (2 5/32")		55 (2 5/32")		55 (2 5/32")		55 (2 5/32")		55 (2 5/32")		55 (2 5/32")		55 (2 5/32")	
<b>f</b>	15 (19/32")		15 (19/32")		20 (25/32")		20 (25/32")		20 (25/32")		20 (25/32")		20 (25/32")		20 (25/32")		20 (25/32")		20 (25/32")	
Link plates																				
<b>a</b>	180	7 3/32"	340	1 1 1/12"	180	7 3/32"	500	1 7 11/16"	200	7 7/8"	500	1 7 3/4"	500	1 7 3/4"	200	7 7/8"	500	1 7 3/4"	250	9 27/32"
<b>b</b>	145	5 45/64"	305	1 1/64"	145	5 7/8"	465	1 6 5/16"	165	6 3/4"	465	1 6 5/16"	465	1 6 5/16"	165	6 3/4"	465	1 6 5/16"	215	8 21/32"
<b>c</b>	110	4 21/64"	270	10 5/8"	110	4 21/64"	430	1 4 7/8"	130	5 1/2"	430	1 4 7/8"	430	1 4 7/8"	130	5 1/2"	430	1 4 7/8"	180	7 31/64"
<b>d</b>	75	2 61/64"	235	9 1/4"	75	2 61/64"	395	1 3 9/16"	95	4 5/16"	395	1 3 9/16"	395	1 3 9/16"	95	4 5/16"	395	1 3 9/16"	145	6 19/64"
<b>e</b>	4	5/32"	4	5/32"	4	5/32"	4	5/32"	4	5/32"	4	5/32"	4	5/32"	4	5/32"	4	5/32"	4	5/32"
<b>f</b>	16	19/32"	16	19/32"	16	19/32"	16	19/32"	16	19/32"	16	19/32"	16	19/32"	16	19/32"	16	19/32"	16	19/32"
<b>g</b>	41	1 39/64"	41	1 39/64"	41	1 39/64"	41	1 39/64"	41	1 39/64"	41	1 39/64"	41	1 39/64"	41	1 39/64"	41	1 39/64"	61	2 9/16"

# DIMENSIONS OF R250, R350, R420, R430 MODELS

	R250				R350				R420				R430			
	Standard		Turnbuckle cylinder		Standard		Turnbuckle cylinder		Standard		Turnbuckle cylinder		Standard		Turnbuckle cylinder	
	mm	ins	mm	ins	mm	ins	mm	ins	mm	ins	mm	ins	mm	ins	mm	ins
<b>A</b>	32	1 7/64"	See Standard	See Standard	44	1 47/64"	See Standard	See Standard	68	2 43/64"	See Standard	See Standard	68	2 43/64"	See Standard	See Standard
<b>B</b>	10	13/32"	See Standard	See Standard	10	13/32"	See Standard	See Standard	10	13/32"	See Standard	See Standard	10	13/32"	See Standard	See Standard
<b>C</b>	16	5/8"	See Standard	See Standard	22	55/64"	See Standard	See Standard	28	17/64"	See Standard	See Standard	28	17/64"	See Standard	See Standard
<b>D</b>	130	5 1/8"	See Standard	See Standard	180	7 3/32"	See Standard	See Standard	220	8 21/32"	See Standard	See Standard	220	8 21/32"	See Standard	See Standard
<b>ØD1</b>	150	5 29/32"	See Standard	See Standard	200	7 7/8"	See Standard	See Standard	242	9 17/32"	See Standard	See Standard	242	9 17/32"	See Standard	See Standard
<b>E</b>	79	3 1/8"	See Standard	See Standard	103	4 1/16"	See Standard	See Standard	103	4 1/16"	See Standard	See Standard	140	5 33/64"	See Standard	See Standard
<b>F</b>	460	1' 6 7/64"	731	2' 4 3/4"	461	1' 6 1/4"	775	2' 6 1/2"	442	1' 5 1/2"	808	2' 7 3/4"	442	1' 5 1/2"	808	2' 7 3/4"
<b>G</b>	96	3 25/32"	See Standard	See Standard	125	4 7/8"	See Standard	See Standard	126	4 61/64"	See Standard	See Standard	170	6 11/16"	See Standard	See Standard
<b>H max</b>	88	3 15/32"	359	1' 2 1/4"	110	4 21/64"	424	1' 4 3/4"	154	6 1/16"	520	1' 8 1/2"	154	6 1/16"	520	1' 8 1/2"
<b>I</b>	109	4 19/64"	See Standard	See Standard	142	5 19/32"	See Standard	See Standard	144	5 43/64"	See Standard	See Standard	196	7 3/4"	See Standard	See Standard
<b>J</b>	72	2 53/64"	See Standard	See Standard	72	2 53/64"	See Standard	See Standard	72	2 53/64"	See Standard	See Standard	72	2 53/64"	See Standard	See Standard
<b>K</b>	25	63/64"	See Standard	See Standard	33	1 1/4"	See Standard	See Standard	47	1 27/32"	See Standard	See Standard	47	1 27/32"	See Standard	See Standard
<b>L</b>	163	6 27/64"	434	1' 5 3/32"	181	7 1/4"	495	1' 7 1/2"	236	9 19/64"	601	1' 11 1/2"	236	9 19/64"	601	1' 11 1/2"
<b>L1</b>	18	45/64"	See Standard	See Standard	18	45/64"	See Standard	See Standard	20	25/32"	See Standard	See Standard	20	25/32"	See Standard	See Standard
<b>M</b>	68	2 43/64"	See Standard	See Standard	64	2 33/64"	See Standard	See Standard	75	2 15/16"	See Standard	See Standard	75	2 15/16"	See Standard	See Standard
<b>N</b>	15	19/32"	See Standard	See Standard	15	19/32"	See Standard	See Standard	17	43/64"	See Standard	See Standard	17	43/64"	See Standard	See Standard
<b>O</b>																
<b>P</b>	133	5 15/44"	See Standard	See Standard	157	6 3/16"	See Standard	See Standard	203	7	See Standard	See Standard	203	7 63/64"	See Standard	See Standard
<b>Q</b>	74	2 29/32"	See Standard	See Standard	88	3 15/32"	See Standard	See Standard	115	4 17/32"	See Standard	See Standard	115	4 17/32"	See Standard	See Standard
<b>R</b>	60	2 23/64"	See Standard	See Standard	66	2 19/32"	See Standard	See Standard	90	3 9/16"	See Standard	See Standard	90	3 9/16"	See Standard	See Standard
<b>S</b>																
<b>T max</b>	26	1 1/32"	See Standard	See Standard	32	1 17/64"	See Standard	See Standard	42	1 21/32"	See Standard	See Standard	42	1 21/32"	See Standard	See Standard
<b>U</b>	165	6 1/2"	See Standard	See Standard	199	7 53/64"	See Standard	See Standard	262	10 1/2"	See Standard	See Standard	262	10 1/2"	See Standard	See Standard
<b>V</b>	76	2 63/64"	See Standard	See Standard	92	3 5/8"	See Standard	See Standard	105	4 9/64"	See Standard	See Standard	105	4 9/64"	See Standard	See Standard
<b>W</b>	97	3 13/16"	See Standard	See Standard	97	3 13/16"	See Standard	See Standard	115	4 17/32"	See Standard	See Standard	115	4 17/32"	See Standard	See Standard
<b>X</b>			40	1 37/64"			52	2 1/16"			60	2 23/64"			60	2 23/64"
<b>Y</b>	25	63/64"	See Standard	See Standard	35	13/8"	See Standard	See Standard	42	1 21/32"	See Standard	See Standard	42	1 21/32"	See Standard	See Standard
<b>Z</b>	8127	26' 7 63/64"	8398	27' 6 1/2"	12160	39' 10 3/4"	12475	40' 11 1/4"	14230	46' 8 1/4"	14595	47' 10 5/8"	16230	53' 2"	16595	54' 5"
<b>Short link plates</b>																
<b>a</b>	50	(1 32/32")	50	(1 32/32")	50	(1 32/32")	50	(1 32/32")	55	(2 5/32")	55	(2 5/32")	55	(2 5/32")	55	(2 5/32")
<b>f</b>	15	(19/32")	15	(19/32")	15	(19/32")	15	(19/32")	20	(25/32")	20	(25/32")	20	(25/32")	20	(25/32")
<b>Link plates</b>																
<b>a</b>	340	1' 1 25/64"	180	7 3/32"	340	1' 1 25/64"	180	7 3/32"	500	1' 7 3/4"	200	7 7/8"	500	1' 7 3/4"	250	9 27/32"
<b>b</b>	305	1' 1/64"	145	5 7/8"	305	1' 1/64"	145	5 7/8"	465	1' 6 5/16"	165	6 3/4"	465	1' 6 5/16"	215	8 1/4"
<b>c</b>	270	10 5/8"	110	4 23/32"	270	10 5/8"	110	4 23/32"	430	1' 4 7/8"	130	5 1/2"	430	1' 4 7/8"	180	6 3/4"
<b>d</b>	235	9 1/4"	75	3 9/16"	235	9 1/4"	75	3 9/16"	395	1' 3 9/16"	95	4 5/16"	395	1' 3 9/16"	145	5 1/8"
<b>e</b>	4	5/32"	4	5/32"	4	5/32"	4	5/32"	4	5/32"	4	5/32"	4	5/32"	4	5/32"
<b>f</b>	16	19/32"	16	19/32"	16	19/32"	16	19/32"	16	19/32"	16	43/64"	16	19/32"	16	43/64"
<b>g</b>	41	1 39/64"	41	1 39/64"	41	1 39/64"	41	1 39/64"	41	1 39/64"	41	1 39/64"	61	2 9/16"	61	2 9/16"

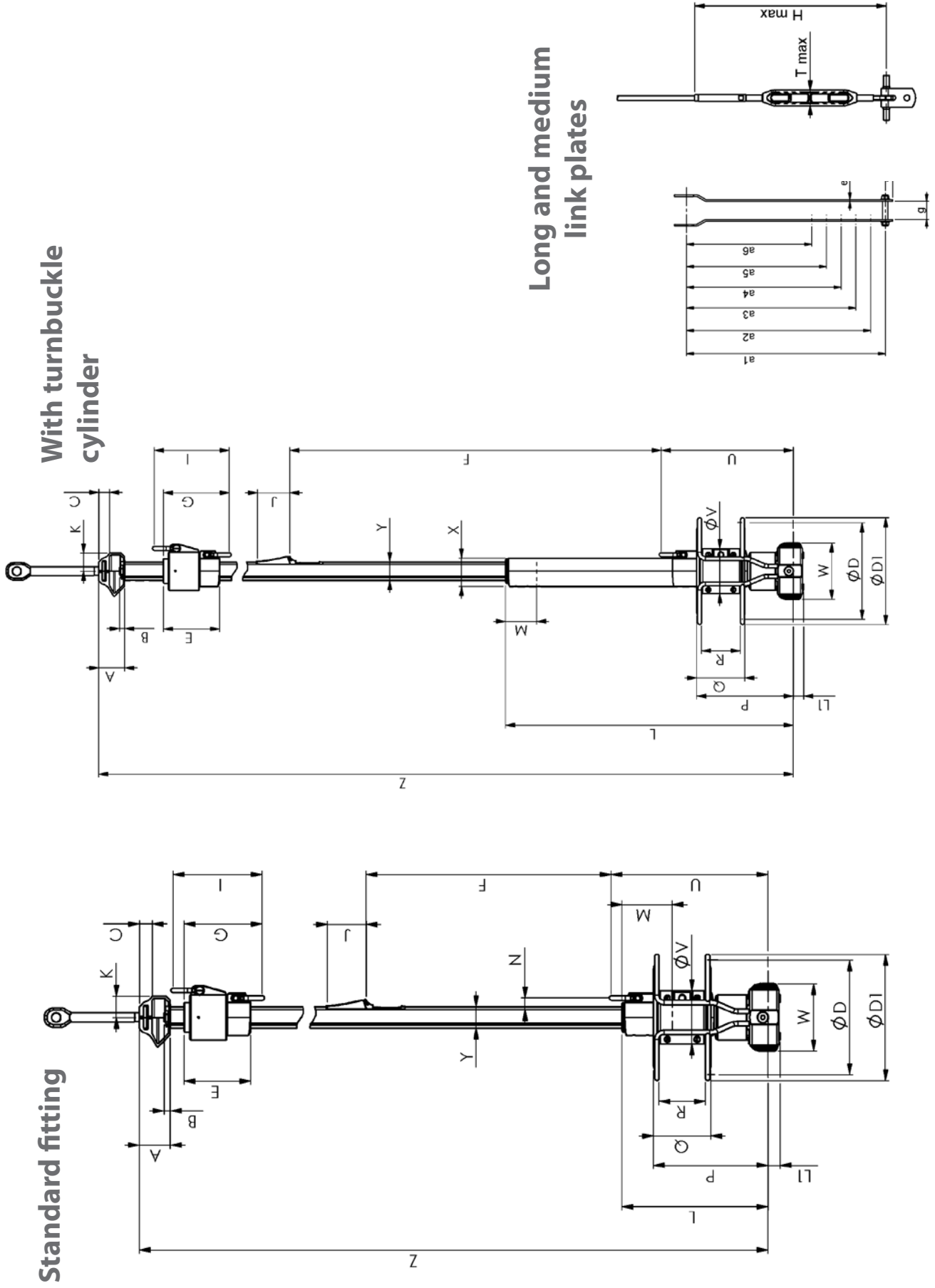
**DIMENSIONS OF BELOW THE DECK MODELS (SEE PAGE 44)**  
**C290, C320SP, C350SP, C420SP, C430SP, R250SP, R350SP,**  
**R420SP, R430SP**

	<b>C290</b>	<b>C320SP</b>	<b>C350SP</b>	<b>C420SP</b>	<b>C430SP</b>	<b>R250SP</b>	<b>R350SP</b>	<b>R420SP</b>	<b>R430SP</b>
<b>Dimensions</b>	mm	mm	mm	mm	mm	mm	mm	mm	mm
<b>A</b>	44	44	68	68	68	32	44	68	68
<b>B</b>	10	10	10	10	10	10	10	10	10
<b>C</b>	22	22	28	28	28	16	22	28	28
<b>D</b>	120	170	200	220	220	120	170	220	220
<b>ØD1</b>	140	192	222	242	242	140	192	242	242
<b>E</b>	79	79	103	103	140	79	103	103	140
<b>F</b>	293	760	820	820	820	670	760	820	820
<b>G</b>	96	96	125	126	170	96	125	126	170
<b>Hmax</b>	320	460	520	520	520	320	460	520	520
<b>I</b>	109	109	142	144	196	109	142	144	196
<b>J</b>	100	72	72	72	72	72	72	72	72
<b>K</b>	33	33	47	47	47	25	33	47	47
<b>L</b>	404	533	604	604	604	404	533	604	604
<b>L1</b>	18	20	20	20	20	18	20	20	20
<b>M</b>	78	64	75	75	75	73	64	75	75
<b>N</b>	25	29	27	24	24	26	27	23	23
<b>O</b>	45	50	50	50	50	45	50	50	50
<b>P</b>	150	190	190	190	190	150	190	190	190
<b>Q</b>	98	115	115	115	115	100	115	115	115
<b>R</b>	80	95	95	95	95	80	95	95	95
<b>S</b>	170	250	300	300	300	170	250	300	300
<b>Tmax</b>	29	42	43	43	43	29	42	43	43
<b>U</b>	213	265	265	265	265	210	265	265	265
<b>ØV</b>	66	115	115	115	115	66	115	115	115
<b>W</b>	97	115	115	115	115	97	115	115	115
<b>X</b>	46	56	56	56	56	46	56	56	56
<b>Y</b>	29	32	35	42	42	25	35	42	42
<b>Z</b>	10370	12513	14597	16597	18597	8363	12513	14597	16597
<b>Link plates</b>									
<b>a</b>	180	200	200	200	200	180	200	200	200
<b>b</b>	145	165	165	165	165	145	165	165	165
<b>c</b>	110	130	130	130	130	110	130	130	130
<b>d</b>	75	95	95	95	95	75	95	95	95
<b>e</b>	4	4	4	4	4	4	4	4	4
<b>f</b>	16	16	16	16	16	16	16	16	16
<b>g</b>	41	41	41	41	41	41	41	41	41

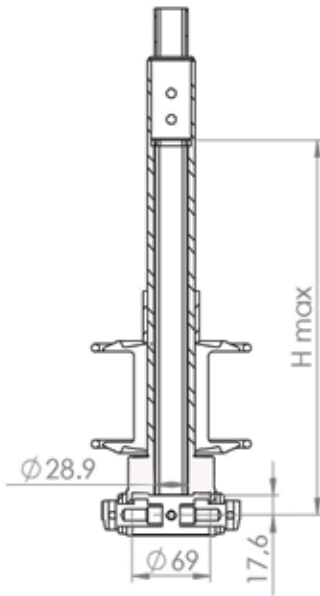
# DIMENSIONS FOR C480, C520, C530 AND R480 MODELS

	C480						R480						C520						C530						
	Standard			Turnbuckle cylinder			Standard			Turnbuckle cylinder			Standard			Turnbuckle cylinder			Standard			Turnbuckle cylinder			
	mm	inch		mm	inch		mm	inch		mm	inch		mm	inch		mm	inch		mm	inch		mm	inch		
<b>A</b>	68	2.43/64"		See standard	See standard		See standard	2.43/64"		68	2.43/64"		See standard	See standard		68	2.43/64"		See standard	See standard		68	2.43/64"		See standard
<b>B</b>	14	35/64"		See standard	See standard		See standard	35/64"		14	35/64"		See standard	See standard		14	35/64"		See standard	See standard		14	35/64"		See standard
<b>C</b>	28	1.7/64"		See standard	See standard		See standard	1.7/64"		28	1.7/64"		See standard	See standard		28	1.7/64"		See standard	See standard		28	1.7/64"		See standard
<b>ØD</b>	250	9.27/32"		See standard	See standard		See standard	9.27/32"		250	9.27/32"		See standard	See standard		250	9.27/32"		See standard	See standard		250	9.27/32"		See standard
<b>ØD1</b>	276	10.155/64"		See standard	See standard		See standard	10.155/64"		276	10.155/64"		See standard	See standard		276	10.155/64"		See standard	See standard		276	10.155/64"		See standard
<b>E</b>	146	5.3/4"		See standard	See standard		See standard	5.3/4"		146	5.3/4"		See standard	See standard		146	5.3/4"		See standard	See standard		146	5.3/4"		See standard
<b>F</b>	535	1.9 1/8"		962	3 1/8"		962	3 1/8"		535	1.9 1/8"		962	3 1/8"		535	1.9 1/8"		1062	3 5/16"		535	1.9 1/8"		1062
<b>G</b>	170.5	6.11/16"		See standard	See standard		See standard	6.11/16"		170	6.11/16"		See standard	See standard		170	6.11/16"		See standard	See standard		192.5	6.11/16"		See standard
<b>H max</b>	205	8.5/64"		630	2.0 51/64"		630	2.0 51/64"		205	8.5/64"		630	2.0 51/64"		205	8.5/64"		730	2.4 47/64"		223	8.5/64"		748
<b>I</b>	194	7.41/64"		See standard	See standard		See standard	7.41/64"		194	7.41/64"		See standard	See standard		194	7.41/64"		See standard	See standard		218	7.41/64"		See standard
<b>J</b>	84	3.5/16"		See standard	See standard		See standard	3.5/16"		84	3.5/16"		See standard	See standard		84	3.5/16"		See standard	See standard		84	3.5/16"		See standard
<b>K</b>	47	1.27/32"		See standard	See standard		See standard	1.27/32"		47	1.27/32"		See standard	See standard		47	1.27/32"		See standard	See standard		47	1.27/32"		See standard
<b>L</b>	319	1.09/16"		745	2.5 21/64"		745	2.5 21/64"		319	1.09/16"		745	2.5 21/64"		319	1.09/16"		845	2.9 17/64"		337	1.0 9/16"		863
<b>L1</b>	27	1.1/8"		See standard	See standard		See standard	1.1/8"		27	1.1/8"		See standard	See standard		27	1.1/8"		See standard	See standard		27	1.1/8"		See standard
<b>M</b>	100	3.15/16"		See standard	See standard		See standard	3.15/16"		100	3.15/16"		See standard	See standard		100	3.15/16"		See standard	See standard		100	3.15/16"		See standard
<b>N</b>	23.5	29/32"		See standard	See standard		See standard	29/32"		23.5	29/32"		See standard	See standard		21.5	27/32"		See standard	See standard		21.5	27/32"		See standard
<b>P</b>	250	9.27/32"		See standard	See standard		See standard	9.27/32"		250	9.27/32"		See standard	See standard		250	9.27/32"		See standard	See standard		250	9.27/32"		See standard
<b>Q</b>	125	4.59/64"		See standard	See standard		See standard	4.59/64"		125	4.59/64"		See standard	See standard		125	4.59/64"		See standard	See standard		125	4.59/64"		See standard
<b>R</b>	101	3.31/32"		See standard	See standard		See standard	3.31/32"		101	3.31/32"		See standard	See standard		101	3.31/32"		See standard	See standard		101	3.31/32"		See standard
<b>T max</b>	52	2.3/64"		See standard	See standard		See standard	2.3/64"		52	2.3/64"		See standard	See standard		52	2.3/64"		See standard	See standard		52	2.3/64"		See standard
<b>U</b>	342	1.1 15/32"		See standard	See standard		See standard	1.1 15/32"		342	1.1 15/32"		See standard	See standard		342	1.1 15/32"		See standard	See standard		360	1.1 15/32"		See standard
<b>ØV</b>	116	4.9/16"		See standard	See standard		See standard	4.9/16"		116	4.9/16"		See standard	See standard		116	4.9/16"		See standard	See standard		116	4.9/16"		See standard
<b>W</b>	146	5.3/4"		See standard	See standard		See standard	5.3/4"		146	5.3/4"		See standard	See standard		146	5.3/4"		See standard	See standard		146	5.3/4"		See standard
<b>X</b>	-			73	2.7/8"		73	2.7/8"		-			73	2.7/8"		-			73	2.7/8"		-			73
<b>Y</b>	48	1.57/64"		See standard	See standard		See standard	1.57/64"		48	1.57/64"		See standard	See standard		52	2.3/64"		See standard	See standard		52	2.3/64"		See standard
<b>Z</b>	18287	59.11 15/16"		18712	61.4 11/16"		18712	61.4 11/16"		18287	59.11 15/16"		20287	66.6 11/16"		20287	66.6 11/16"		20812	68.3 3/8"		22305	73.2 5/32"		22830
<b>Link plates</b>		Medium		Long			Long			Medium			Medium			Medium			Long			Medium			Long
<b>a1</b>	325	1.0 51/64"		675	2.2 37/64"		675	2.2 37/64"		325	1.0 51/64"		325	1.0 51/64"		325	1.0 51/64"		675	2.2 37/64"		325	1.0 51/64"		675
<b>a2</b>	275	10.53/64"		625	2.0 39/64"		625	2.0 39/64"		275	10.53/64"		275	10.53/64"		275	10.53/64"		625	2.0 39/64"		275	10.53/64"		625
<b>a3</b>	225	8.55/64"		575	1.10 41/64"		575	1.10 41/64"		225	8.55/64"		225	8.55/64"		225	8.55/64"		575	1.10 41/64"		225	8.55/64"		575
<b>a4</b>	175	6.57/64"		525	1.8 43/64"		525	1.8 43/64"		175	6.57/64"		175	6.57/64"		175	6.57/64"		525	1.8 43/64"		175	6.57/64"		525
<b>a5</b>	125	4.59/64"		475	1.6 45/64"		475	1.6 45/64"		125	4.59/64"		125	4.59/64"		125	4.59/64"		475	1.6 45/64"		125	4.59/64"		475
<b>a6</b>				425	1.4 47/64"		425	1.4 47/64"											425	1.4 47/64"					425
<b>e</b>	6	1.5/64"		6	1.5/64"		6	1.5/64"		6	1.5/64"		6	1.5/64"		6	1.5/64"		6	1.5/64"		6	1.5/64"		6
<b>f</b>	25	63/64"		25	63/64"		25	63/64"		25	63/64"		25	63/64"		25	63/64"		25	63/64"		25	63/64"		25
<b>g</b>	64 or 81	2.33/64"		64 or 81	2.33/64"		64 or 81	2.33/64"		64 or 81	2.33/64"		64 or 81	2.33/64"		64 or 81	2.33/64"		64 or 81	2.33/64"		64 or 81	2.33/64"		64 or 81
	81	or 3.3/16"		or 3.3/16"	or 3.3/16"		or 3.3/16"	or 3.3/16"		or 3.3/16"	or 3.3/16"		or 3.3/16"	or 3.3/16"		or 3.3/16"	or 3.3/16"		64 or 81	2.33/64"		64 or 81	2.33/64"		64 or 81

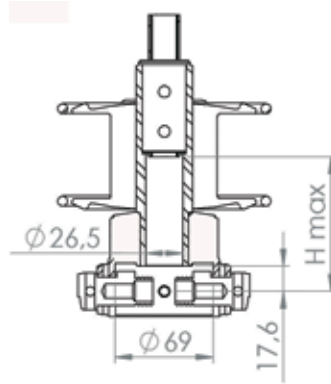
# DIMENSIONS FOR C480, C520, C530 AND R480 MODELS



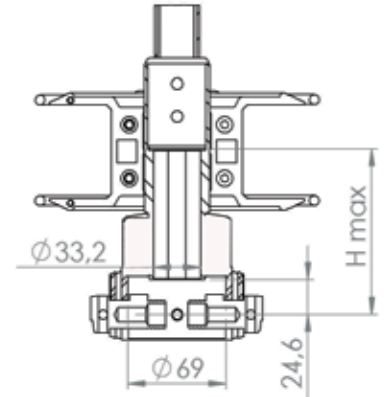
# INNER DIMENSIONS OF DRUM MECHANISM



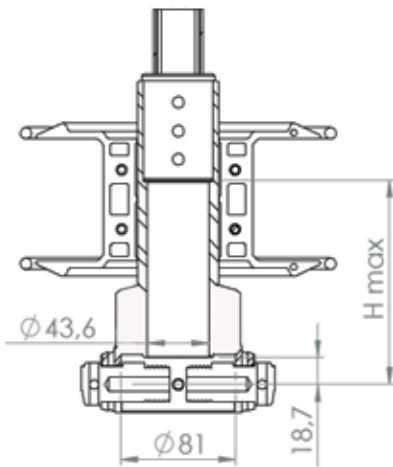
C290 - R250SP



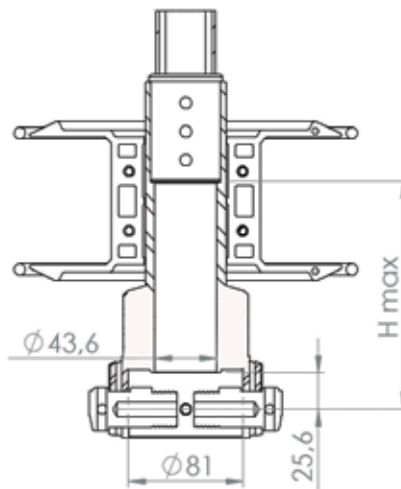
R250



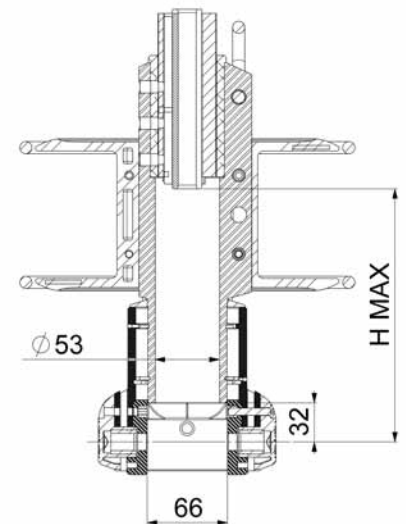
C320 - R350



C320SP - C350  
C350SP - C420SP  
C430SP - R350SP  
R420SP - R430SP



C420 - C430  
R420 - R430



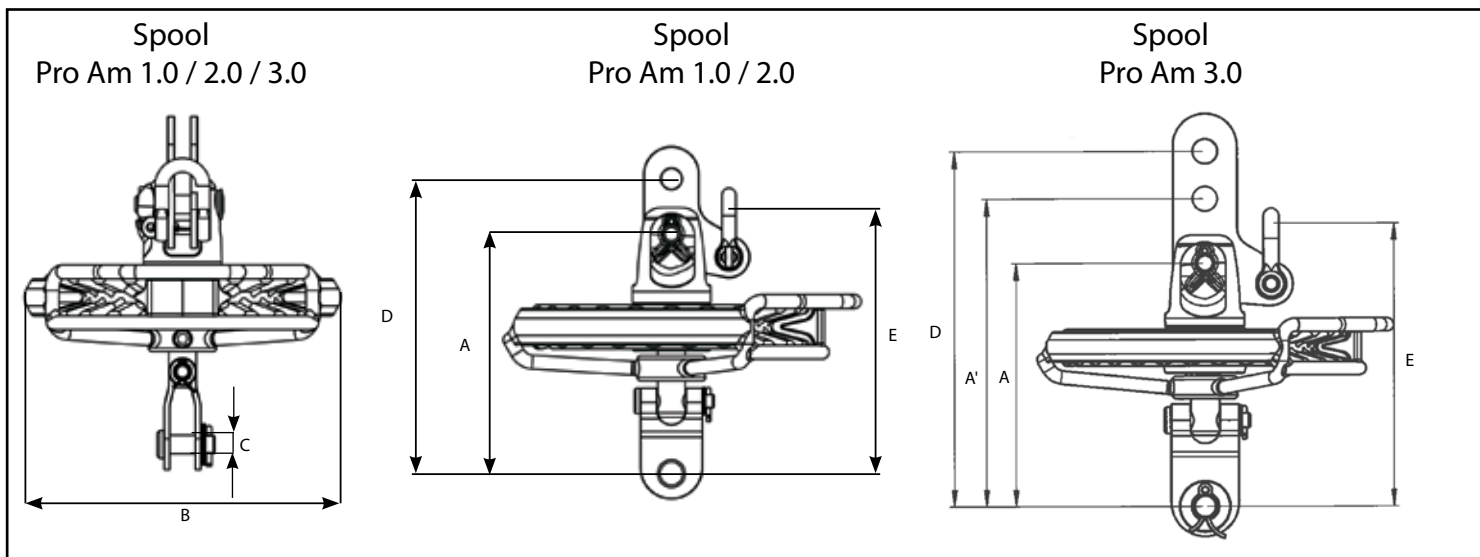
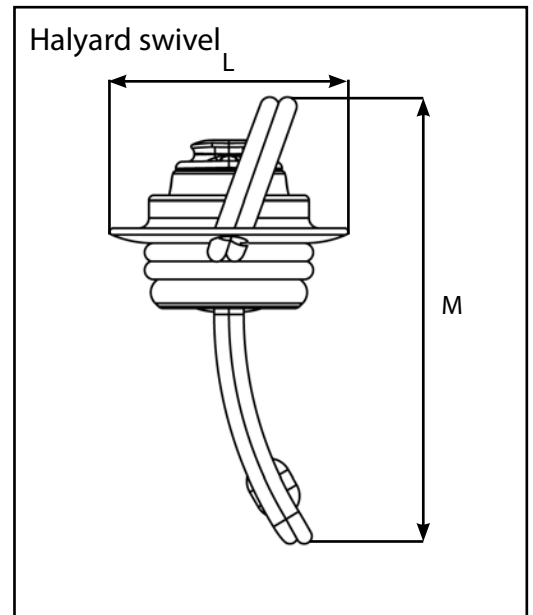
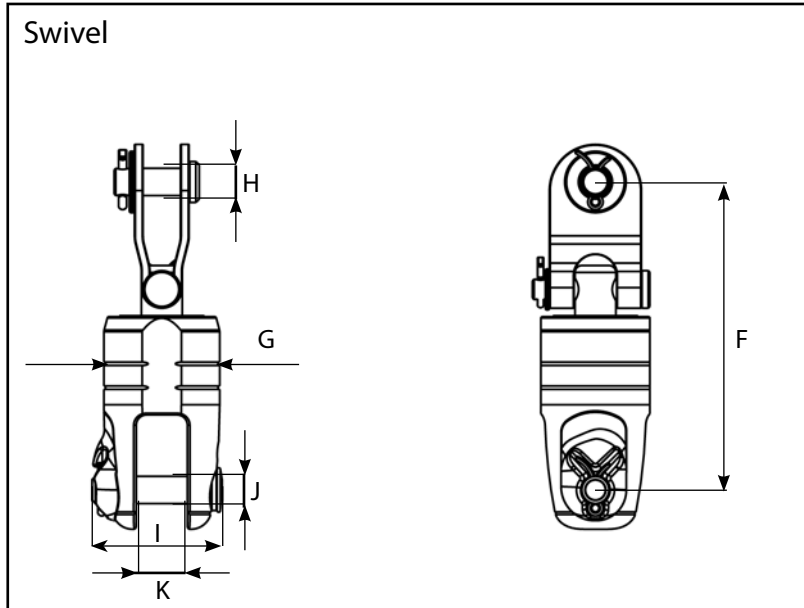
C480 - C520  
C530 - R480



# DRUM CAPACITY FOR HEADSAIL SYSTEMS AND SUGGESTED FURLING LINE DIAMETERS

Model	Ø Forestay mm (")	Boat length m (ft)	Forestay length	Max. genoa area	Ø luff mm (inch)	Ø furling line mm (inch)	Drum capacity m (ft)	Maximum LP
<b>C260</b>	5 (13/64")	5 to 8 m (16'-22')	6.5 à 8,5 m	15 m <sup>2</sup>	6 (15/64")	6 (15/64")	7,6 m (25')	4 m (13')
<b>C290</b>	6,35 (1/4")	7 to 10 m (22'-31')	10 à 14 m	30 m <sup>2</sup>	5 (13/64")	6 (15/64") 8 (5/16")	13 m (42') 7,5 m (25')	8 m (26') 3 m (10')
<b>C320</b>	7 (9/32")	9,5 to 12 m (32'-39')	12 à 16 m	40 m <sup>2</sup>	5 (13/64")	6 (15/64") 8 (5/16")	26,2 m (85') 14,7 m (46')	17 m (56') 7 m (23')
<b>C350</b>	8 (5/16")	11,5 to 13,5 m (37'-42')	14 à 18 m	55 m <sup>2</sup>	5 (13/64")	8 (5/16") 10 (3/8")	23,2 m (75') 14,9 m (49')	19 m (62') 7 m (23')
<b>C420</b>	10 (3/8")	13 to 15 m (42'-45')	16 à 20 m	80 m <sup>2</sup>	5 (13/64")	8 (5/16") 10 (3/8")	31,4 m (101') 20,1 m (65')	26 m (86') 12,5 m (41')
<b>C430</b>	12,7 (1/2")	14 to 16 m (45'-60')	18 à 22 m	100 m <sup>2</sup>	5 (13/64")	8 (5/16") 10 (3/8")	31,4 m (101') 20,1 m (65')	26 m (86') 12,5 m (41')
<b>C480</b>	14,3 (9/16")	14,5 to 18,5 m (52'-65')	18 à 22 m	120 m <sup>2</sup>	6 (15/64")	10 (3/8") 12 (1/2")	30 m (98') 22 m (72')	26,5 m (81') 14,5 m (45')
<b>C520</b>	16 (5/8")	16,5 to 18,5 m (56'-65')	20 à 24 m	140 m <sup>2</sup>	6 (15/64")	10 (3/8") 12 (1/2")	30 m (98') 22 m (72')	26,5 m (81') 14,5 m (45')
<b>C530</b>	19 (3/4")	18,5 to 26 m (65'-85')	22 à 26 m	220 m <sup>2</sup>	6 (15/64")	10 (3/8") 12 (1/2")	30 m (98') 22 m (72')	26,5 m (81') 14,5 m (45')
<b>C700</b>	25,4 (63/64")	20 to 30 m	25 - 32,5 m	300 m <sup>2</sup>	8 (5/16")	12 (3/8") 14 (1/2")	-	-
<b>R250</b>	6,35 (1/4")	6 à 9 m (19'-30')	8 à 12 m	30 m <sup>2</sup>	5 (13/64")	6 (15/64") 8 (5/16")	11,1 m 6,2 m	4,5 m (13') 2,5 m (8')
<b>R350</b>	8 (5/16")	9,5 to 12,5 m (31'-41')	12 - 16 m	45 m <sup>2</sup>	5 (13/64")	6 (15/64") 8 (5/16")	26,2 m 14,7 m	17 m (56') 7 m (23')
<b>R420</b>	10 (3/8")	11,5 to 14,5 m (37'-47')	14 - 18 m	70 m <sup>2</sup>	5 (13/64")	8 (5/16") 10 (3/8")	31,4 m 20,1 m	26 m (86') 12,5 m (41')
<b>R430</b>	11,1 (7/16")	13 to 16,5 m (43'-54')	16 - 20 m	90 m <sup>2</sup>	5 (13/64")	8 (5/16") 10 (3/8")	31,4 m 20,1 m	26 m (86') 12,5 m (41')
<b>R480</b>	12,7 (1/2")	15,5 to 20 m (52'-65')	18 - 22 m	100 m <sup>2</sup>	6 (15/64")	10 (3/8") 12 (1/2")	30 m (98') 22 m (72')	26,5 m (86') 14,5 m (45')

# TECHNICAL DATA: STRUCTURAL FURLERS - PRO AM

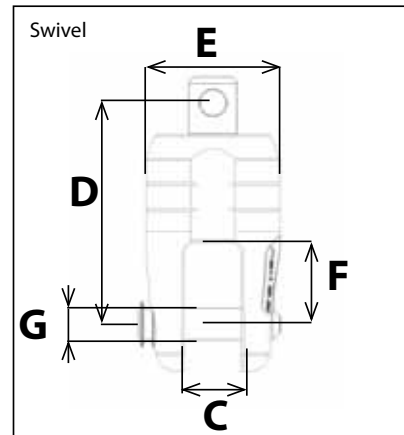
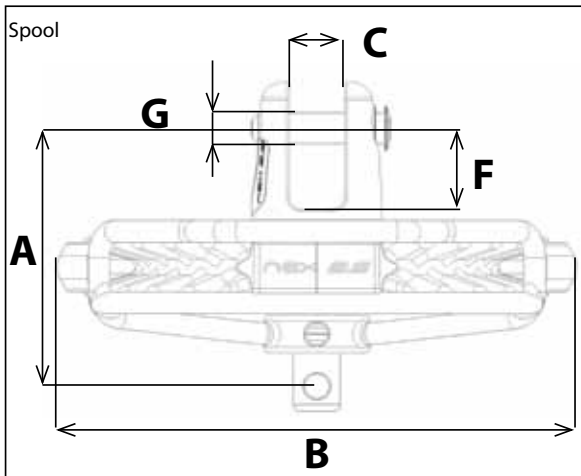


Technical data: spool	PRO AM 1.0	PRO AM 2.0	PRO AM 3.0
A / A' mm	104	122	128 / 162
B mm	140	180	180
C mm	8	10	12
D mm	128	152	187
E mm	118	142	149
Ø spool : mm	120	150	150
Ø furling line mm	10	10	10
Weight: spool (only) Kg	0.660	1.080	1.080

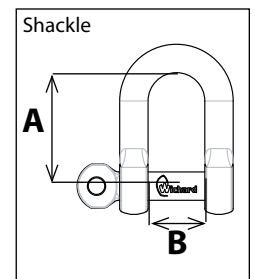
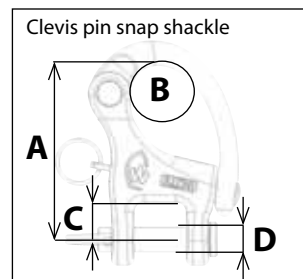
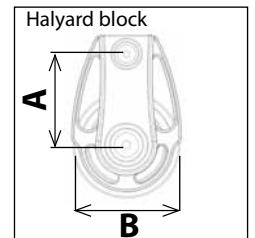
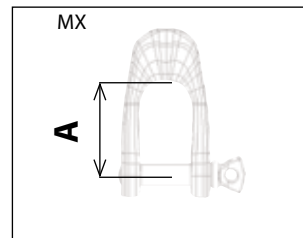
Technical data: swivel	PRO AM 1.0	PRO AM 2.0	PRO AM 3.0
F mm	90	109	115
G mm	34	42	42
H mm	8	10	12
I mm	38	47	47
J mm	8	10	10
K mm	15	18	18
Weight: swivel (only) Kg	0.210	0.340	0.340
Technical data: halyard swivel			
L mm	70	70	70
M mm	129	129	129
Weight: halyard swivel (only) Kg	0,150	0,150	0.150

# TECHNICAL DATA: FLYING SAIL FURLERS NEX

Technical data for mechanisms	Technical data: spool	NEX 0.9	NEX 1.5	NEX 2.5	NEX 5.0
	Height pin to pin: A mm	62,4 (2 29/64")	73,6 (2 57/64")	82,9 (3 17/64")	109,5 (4 5/16")
	Width drum mechanism: B mm	125 (4 59/64")	140 (5 33/64")	180 (7 3/32")	230 (9 1/16")
	Width fork: C mm	12 (15/32")	15 (19/32")	18 (23/32")	19 (3/4")
	Depth under pin: F mm	23 (1 29/32")	22 (1 7/8")	26 (1/32")	34 (1 11/32")
	Ø pin G mm	8	8	10	12
	Ø spool: mm	100 (3 15/16")	120 (4 23/32")	150 (5 7/8")	195 (7 11/16")
	Ø continuous line mm	8 (5/6")	10 (3/8")	10 (3/8")	10 (3/8")
	Weight: spool (only) Kg	0,330	0,530	0,820	1,440
	Technical data: swivel				
	Height pin to pin: D mm	47,3 (1 55/64")	58,8 (2 5/16")	69,6 (3 17/64")	94 (3 45/64")
	Width swivel: E mm	31 (1 7/32")	34 (1 5/16")	42 (1 5/8")	50 (1 31/32")
	Width fork: C mm	12 (15/32")	15 (19/32")	18 (23/32")	19 (3/4")
	Depth under pin: F mm	23 (1 29/32")	22 (1 7/8")	26 (1/32")	34 (1 11/32")
Ø pin G mm	8	8	10	12	
Weight: swivel (only) Kg	0,100	0,140	0,240	0,470	
Max Ø luff line mm	8 (5/6")	10 (3/8")	12 (1/2")	16 (5/8")	

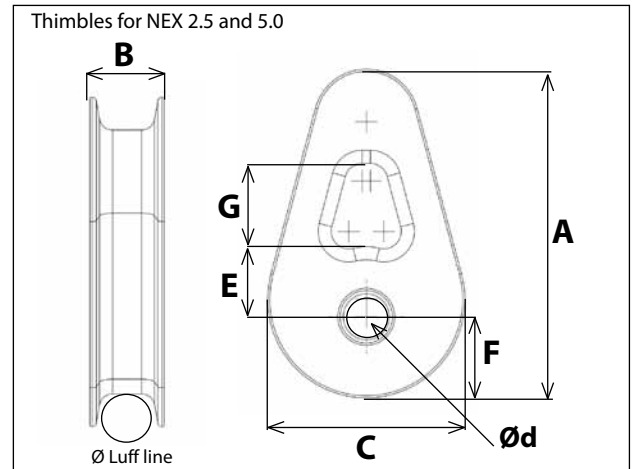
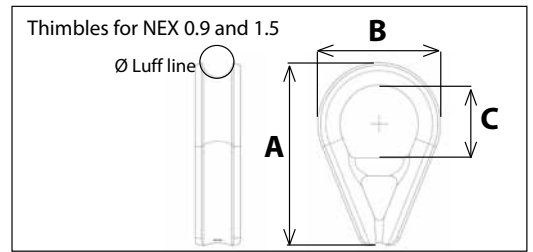


Technical data for terminals	Technical data: MX halyard shackle	MX6 (11503)	MX8 (11504)	MX10 (11505)
	A mm	29 (1 9/64")	32 (1 17/64")	39 (1 17/32")
	Ø halyard mm	8 (5/16")	10 (3/8")	14 (9/16")
	Weight Kg	0,044	0,096	0,186
	Technical data: halyard block	2,5T		5T
	Height pin to pin: A mm	45 (1 49/64")		60 (2 23/64")
	Ø sheave : B mm	55 (2 11/64")		70 (2 3/4")
	Ø halyard mm	12 (1/2")		16 (5/8")
	Weight Kg	0,160		0,370
	Technical data: clevis pin snap shackle	Part # 54100	Part # 54101	Part # 54102
	For NEX:	NEX 0.9 and 1.5	NEX 2.5	NEX 5.0
	Height: pin to arm: A mm	39,5 (1 9/16")	54 (2 1/8")	65,5 (2 9/16")
	Passage diameter: B mm	16 (5/8")	21 (53/64")	26 (1 1/32")
	C: mm	8.1	11.5	14
Ø D: mm	6	8	10	
Weight Kg	0,054	0,130	0,257	
Technical data: Wichard HR shackle	Part # 11203 (NEX 0.9 & 1.5)	Part # 11204 (NEX 2.5)	Part # 11205 (NEX 5.0)	
Ø pin mm	Ø 6	Ø 8	Ø 10	
A / B : mm	20 / 12	26 / 16	33 / 20	
Weight Kg	0,024	0,052	0,102	



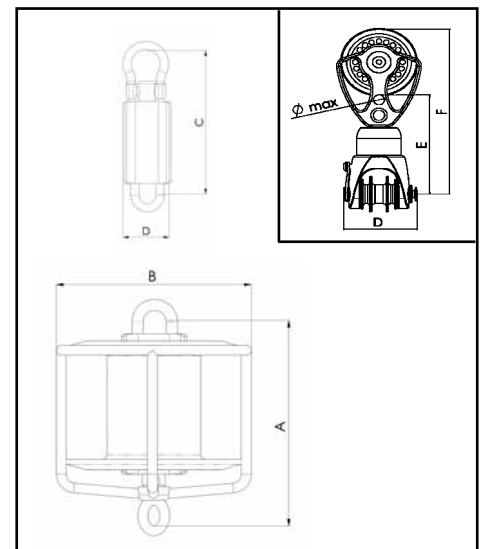
# TECHNICAL DATA: FLYING SAIL FURLERS NEX

Technical data for thimbles	Part # : 119907 (NEX 0.9)	Part # : 119908 (NEX 1.5)	Part # : P542539 (NEX 2.5)	Part # : P545039 (NEX 5.0)	
	A mm	45	50	75	92
	B mm	28	33	17	18
	C mm	17	20	45	52
	Ø d mm	-	-	10,5	12,5
	E mm	-	-	16	19
	F mm	-	-	18,5	21,5
	G mm	-	-	19	21
	Ø luff line max mm	8	10	12	16
	Weight Kg	0,015	0,017	0,055	0,068
	Material	stainless steel		aluminium	



# TECHNICAL DATA: FLYING SAIL FURLERS WITH DRUM

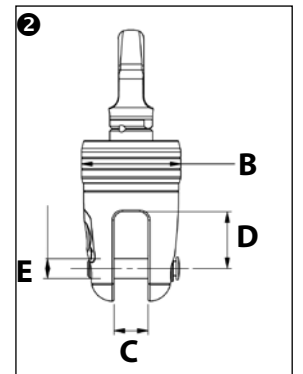
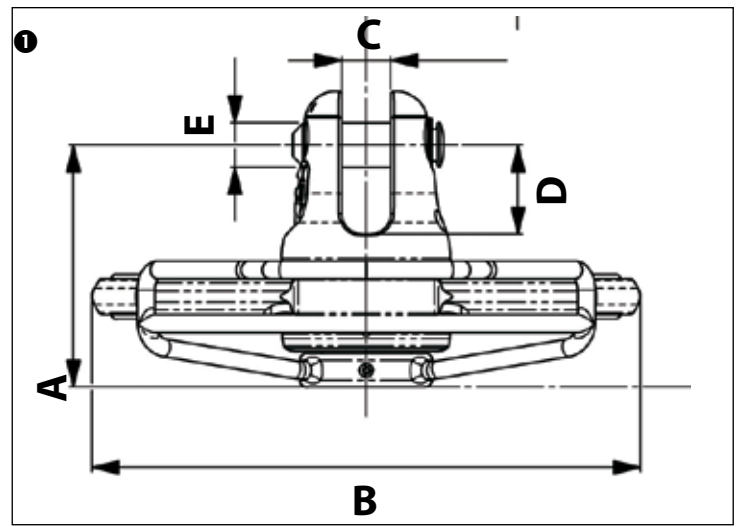
EC models with drum	EC 1500	EC 2500	EC 4000	EC 6000	EC 12000
A mm	155 (6 7/64")	155 (6 7/64")	234 (9 7/32")	240 (9 15/32")	420 (16 17/32")
B mm	140 (5 33/64")	140 (5 33/64")	202 (7 61/64")	240 (9 15/32")	280 (11 1/32")
C mm	140 (5 33/64")	140 (5 33/64")	195 (7 43/64")	240 (9 15/32")	345 (13 5/8")
D mm	45 (1 49/64")	57 (2 1/4")	50 (1 15/16")	63 (2 31/64")	155 (6 7/64")
E mm		97			
F mm		145			
Ø Furling line mm	6 or 8 (1/4" or 5/16")	6 or 8 (1/4" or 5/16")	8 or 10 (5/16" or 3/8")	10 (3/8")	12 (1/2")
Ø luff line mm	6 (1/4")	-	6 or 8 1/4" or 5/16"	8 or 10 5/16" or 3/8"	10 or 12 3/8" or 1/2"
Ø maxi halyard 2:1 block	6 (1/4")	-	12 (1/2")	14 (9/16")	-
Weight drum Kg	0,98		2,2	3,5	10,8
Weight swivel Kg	0,47		0,9	2,2	6,0



# TECHNICAL DATA: FLYING SAIL FURLERS

## NEX 8.0 - NEX 12.0

Technical data for mechanisms	Technical data: spool Fig 1.		NEX 8.0	NEX 8.0
	Height pin to pin: A mm		105	108,5
	Width drum mechanism: B mm		210	245
	Width fork: C mm		24 (FF#3)	22 (FF#4)
	Depth fork: D mm		40	40
	Ø pin: E mm		14	20
	Ø spool: mm		200	230
	Ø continuous line mm		10	10
	Weight: spool (only) Kg		1,800	2,700
	Technical data: swivel Fig 2.			
	Height pin to pin: A mm		155	155
	Diameter: B mm		70	83
	Width fork: C mm:		24 (FF#3)	22 (FF#4)
	Depth fork: D mm		40	40
Ø pin: E mm		14	20	
Weight: swivel (only) Kg		1.200	1.660	



Eye Fig 3.	NEX 8.0	NEX 12.0
Ø C: mm	20.50	23.50
Height pin to pin D: mm	137	143
Weight Kg	0.180	0.290

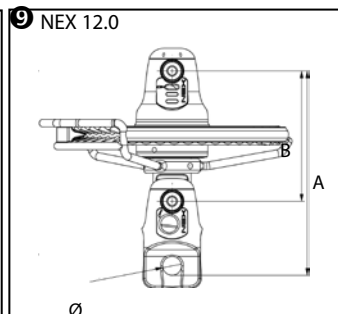
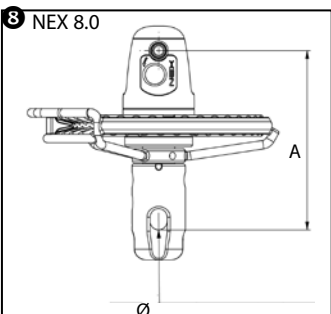
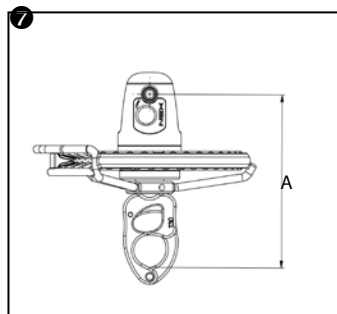
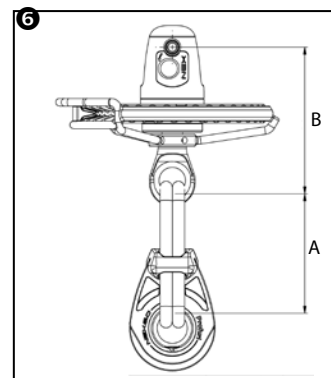
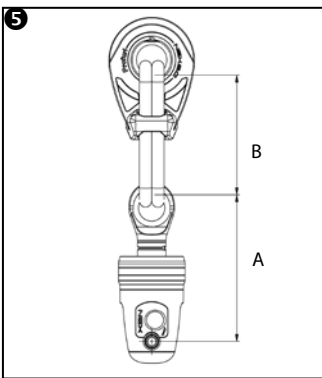
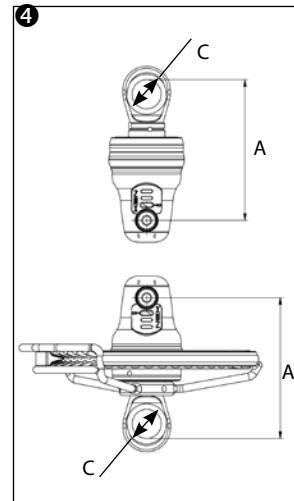
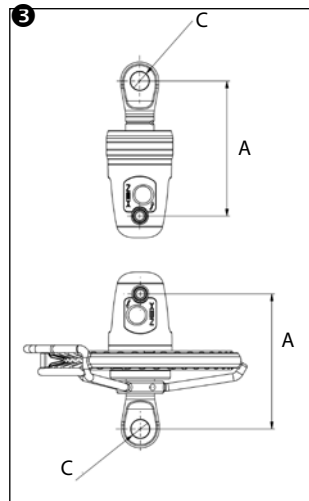
Lashing eye Fig 4.	NEX 8.0	NEX 12.0
Ø C: mm	28	32
Height pin to pin D: mm	155	155
Weight Kg	0.180	0.290

Halyard block Fig 5.	NEX 8.0	NEX 12.0
A mm	155	155
B: mm	126	141
ø rope mm	18	22
Weight Kg	0.150	0.440

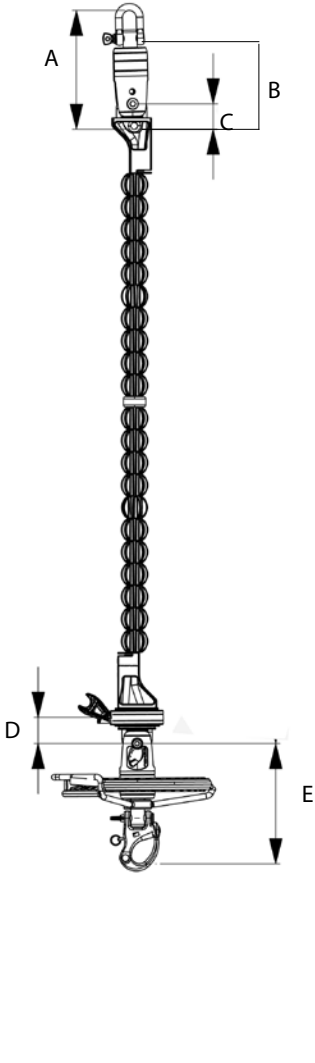
Halyard block Fig 6.	NEX 8.0	NEX 12.0
A mm	126	141
B: mm	155	155
ø rope mm	18	22
Weight Kg	0.150	0.440

Trigger snapshackle Fig 7.	NEX 8.0	NEX 12.0
A mm	183	nd
Breaking load Kg	13.000	nd
Weight Kg	0.520	nd

Hardsheave 3.1 Fig 8-9	NEX 8.0	NEX 12.0
A mm	168	215
B: mm	-	137
ø rope mm	16	20
Weight Kg	0.840	1.250

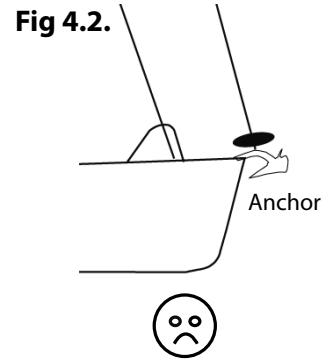
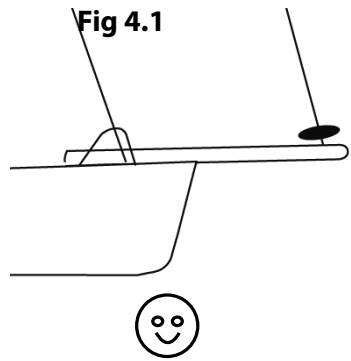
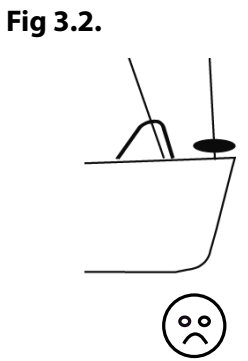
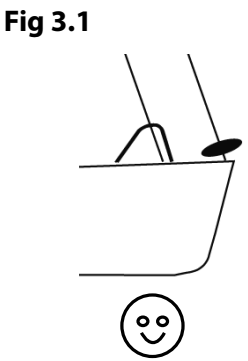
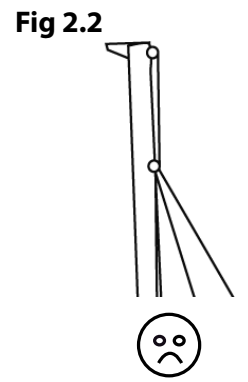
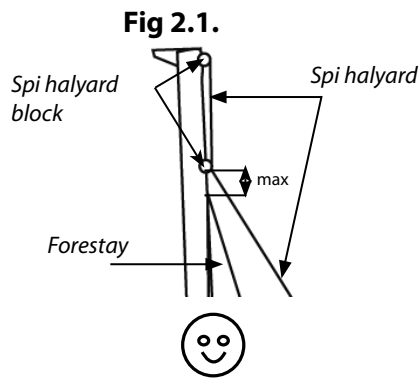
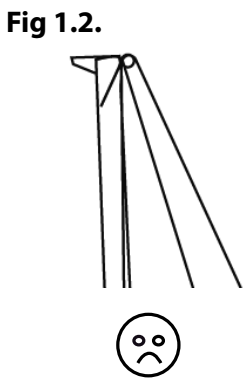
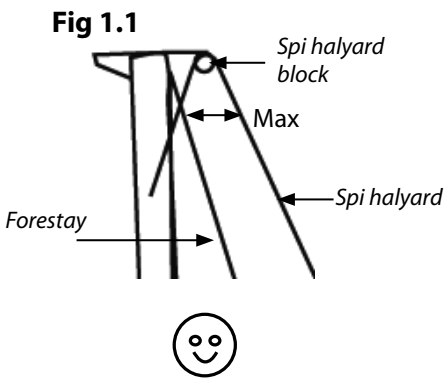


# TECHNICAL DATA: TOP DOWN SPINNAKER FURLER - SPINEX

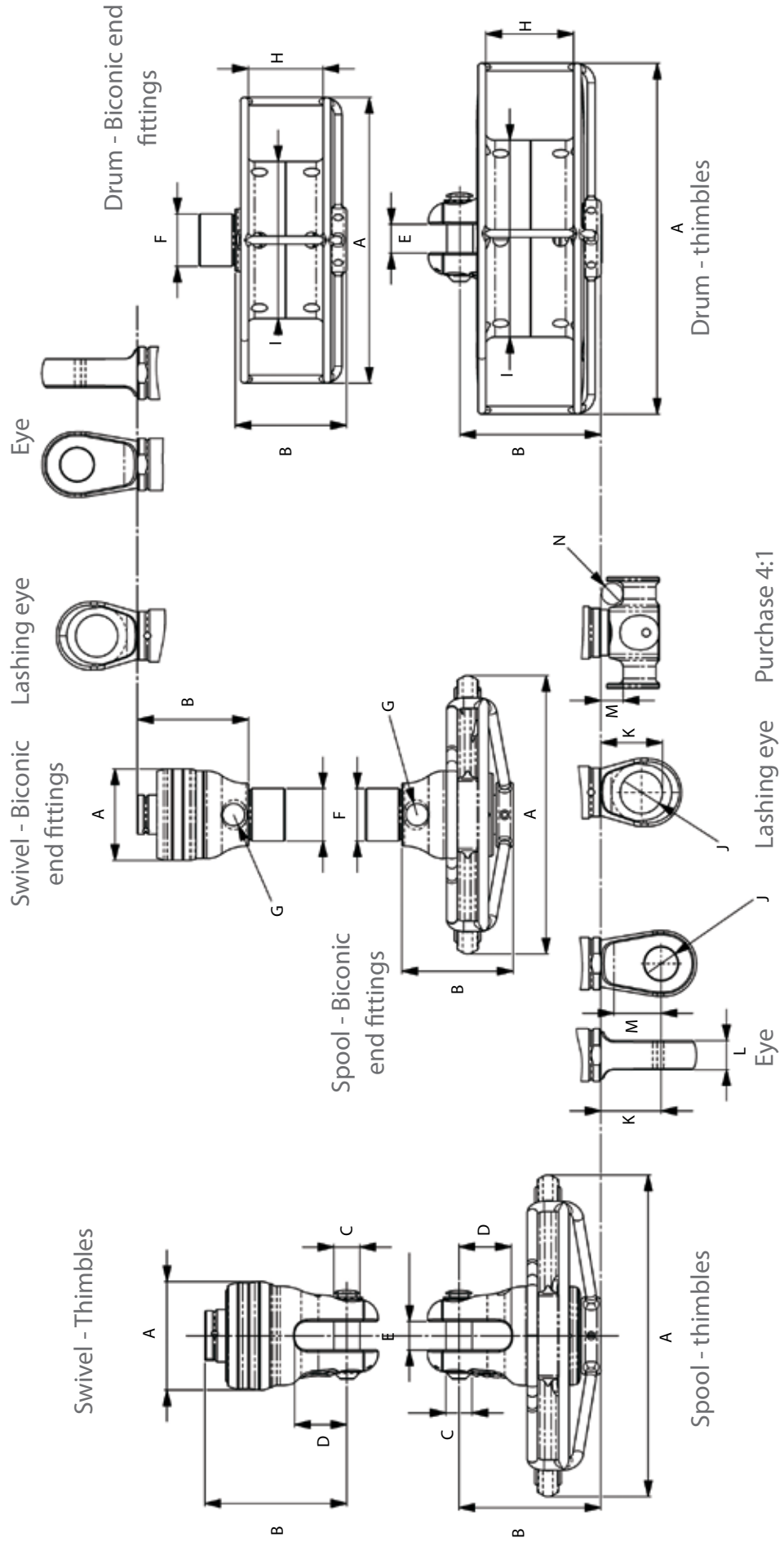


Technical data for mechanism		SPINEX 0.9	SPINEX 1.5	SPINEX 2.5	SPINEX 5.0
	A mm	99.30	110.8	149.60	185
	B mm	67.30	78.8	101.60	135
	C mm	32	32	48	50
	D mm	32	32	48	50
	E mm	101.9	113.10	136.9	175
	∅ spool: mm	100 mm	120 mm	150 mm	195 mm
	∅ furling line mm	8	10	10	10
	∅ anti-twist cable mm	9.5 mm	9.5 mm	12.7 mm	12.7 mm
	Weight: spool (only) Kg	0.330	0.530	0.820	1.440
	Weight: tack swivel, lower end fitting and thimble Kg	0.390	0.395	0.645	0.640
	Weight: swivel (only) Kg	0.100	0.140	0.240	0.470
	Weight upper terminal and thimble Kg	0.110	0.115	0.290	0.285

Technical data: thimbles		SPINEX 0.9	SPINEX 1.5	SPINEX 2.5	SPINEX 5.0
	A mm	11	14	17	18
	B mm	31.5	31.5	42	42
	∅ C mm	10	10	14	14
	D mm	10.50	10.50	12	16



# TECHNICAL DATA STAYFURLERS: NEX STR



Lashing eye Purchase 4:1

# TECHNICAL DATA STAYFURLERS: NEX STR




























LOWER MECHANISM: DIMENSIONS & WEIGHT				
NEXSTR4.0	NEXSTR5.0	NEXSTR8.0	NEXSTR10.0	NEXSTR12.0
<b>SPOOL FOR THIMBLES</b>				
Width: A mm	-	210	245	245
Height: B mm	-	105	108,5	108,5
Pin Ø: C mm	-	14	20	20
Depth fork: D mm	-	40	40	40
Width fork: E mm	-	24	22	22
Weight Kg	-	1,800	2,700	2,700
<b>SPOOL FOR BICONIC END FITTING (NAVTEC)</b>				
Width: A mm	210	210	245	245
Height: B mm	76,5	76,5	92,5	92,5
Thread: F	M38x200-L26	M40x200-L28	M44x200-L32	M48x200-L36
Ø lashing hole: G mm	15	15	20	20
Weight Kg	1,400	1,700	2,540	2,570
<b>DRUM FOR THIMBLES</b>				
Width: A mm	-	218	268	268
Height: B mm	-	105	108,5	108,5
Pin Ø: C mm	-	14	20	20
Depth fork: D mm	-	40	40	40
Width fork: E mm	-	24	22	22
H mm	-	60	70	70
Ø drum: I mm	-	120	150	150
Weight Kg	-	1,870	3,120	3,120
<b>DRUM FOR BICONIC END FITTINGS (NAVTEC)</b>				
Width: A mm	-	218	268	268
Height: B mm	-	105	92,5	92,5
Thread: F	-	M40x200-L28	M44x200-L32	M48x200-L36
Ø lashing: hole G mm	-	15	20	20
H mm	-	60	70	70
Ø drum: I mm	-	120	150	150
Weight: Kg	-	1,770	2,880	2,920
<b>DRUM CAPACITY AND SUGGESTED FURLING LINE DIAMETERS</b>				
NEX STR 4.0	NEX STR 5.0	NEX STR 8.0	NEX STR 10.0	NEX STR 12.0
Drum capacity m	-	15 m	10 m	14 m
Ø furling line mm	-	8 mm	10 mm	10 mm

SWIVELS: DIMENSIONS & WEIGHT				
NEXSTR4.0	NEXSTR5.0	NEXSTR8.0	NEXSTR10.0	NEXSTR12.0
<b>SWIVELS FOR THIMBLES</b>				
Width A mm	-	70	83	83
Height: B mm	-	105	108,5	108,5
Pin Ø: C mm	-	14	20	20
Depth fork: D mm	-	40	40	40
Width fork: E mm	-	24	22	22
Weight: Kg	-	0,900	1,400	1,400
<b>SWIVELS FOR BICONIC END FITTINGS (NAVTEC)</b>				
Width: A mm	52	52	70	83
Height: B mm	61,5	61,5	85	92,5
Thread: F	M38x200-L26	M38x200-L26	M40x200-L28	M44x200-L32
Ø lashing hole	15	Ø15	17	20
Weight: Kg	0,410	0,410	0,800	1,200

TERMINALS: DIMENSIONS & WEIGHT				
NEXSTR4.0	NEXSTR5.0	NEXSTR8.0	NEXSTR10.0	NEXSTR12.0
<b>LASHING EYE</b>				
Ø hole J mm	25	25	28	32
Height: K mm	37,5	37,5	50	47
Weight: Kg	0,140	0,140	0,180	0,290
<b>EYE</b>				
Ø hole: J mm	12,5	16,5	19,5	22,2
Height: K mm	22	28	37,5	23,2
Thickness: L mm	12	15	18,5	21,8
Length: M mm	16	21	21	19
Weight: Kg	0,080	0,130	0,300	0,300
<b>FRICION PURCHASE 4:1</b>				
Ø max: N	12	12	14	16
Length: M mm	12	12	14	17



# SELECTION TABLE: NEX STR STAYFURLERS

Choose your standard stayfurler model	Coding	Advice																																		
<p>1 What is your cable made of and what is its diameter?</p> <table border="1" data-bbox="252 1229 579 2013"> <thead> <tr> <th colspan="2">Stainless steel wire</th> <th colspan="2">Fiber cable</th> <th rowspan="2">Model size that corresponds to the cable</th> </tr> <tr> <th>1 x 19 mm</th> <th>Rod</th> <th colspan="2">Size</th> </tr> </thead> <tbody> <tr> <td>8</td> <td># 10</td> <td>9T - 14T</td> <td></td> <td>NEX STR 4.0</td> </tr> <tr> <td>10</td> <td># 17</td> <td>14T</td> <td></td> <td>NEX STR 5.0</td> </tr> <tr> <td>12</td> <td># 22</td> <td>19T</td> <td></td> <td>NEX STR 8.0</td> </tr> <tr> <td>14</td> <td># 30</td> <td>24T</td> <td></td> <td>NEX STR 10.0</td> </tr> <tr> <td>16)</td> <td># 40</td> <td>30T</td> <td></td> <td>NEX STR 12.0</td> </tr> </tbody> </table>	Stainless steel wire		Fiber cable		Model size that corresponds to the cable	1 x 19 mm	Rod	Size		8	# 10	9T - 14T		NEX STR 4.0	10	# 17	14T		NEX STR 5.0	12	# 22	19T		NEX STR 8.0	14	# 30	24T		NEX STR 10.0	16)	# 40	30T		NEX STR 12.0	<p>NEX STR 5.0</p>	<ul style="list-style-type: none"> <li>To get the right stayfurler, we need to know what stainless steel wire is recommended by the boatyard or the architect.</li> <li>Example: for a 10 mm diameter 1x19 wire, the equivalent fiber cable must have a breaking load of 14 tonnes. Thus, the appropriate model is the NEX STR 5.0.</li> </ul>
Stainless steel wire		Fiber cable		Model size that corresponds to the cable																																
1 x 19 mm	Rod	Size																																		
8	# 10	9T - 14T		NEX STR 4.0																																
10	# 17	14T		NEX STR 5.0																																
12	# 22	19T		NEX STR 8.0																																
14	# 30	24T		NEX STR 10.0																																
16)	# 40	30T		NEX STR 12.0																																
<p>2 What is the chosen type of cable? Mark F or N</p> <table border="1" data-bbox="639 1502 807 1944"> <tr> <td>Thimble: F</td> <td></td> </tr> <tr> <td>Biconic (Navtec): N</td> <td></td> </tr> </table>	Thimble: F		Biconic (Navtec): N		<p>NEX STR 5.0 - N</p>	<ul style="list-style-type: none"> <li>Cables with thimbles are installed on fork mechanisms.</li> <li>Biconic end fittings (e.g. Navtec) are installed on threaded mechanisms.</li> </ul>																														
Thimble: F																																				
Biconic (Navtec): N																																				
<p>3 What type of drum do you want? - Mark S or D</p> <table border="1" data-bbox="868 1502 1035 1944"> <tr> <td>Spool: S</td> <td></td> </tr> <tr> <td>Drum: D</td> <td></td> </tr> </table>	Spool: S		Drum: D		<p>NEX STR 5.0 - NS</p>	<ul style="list-style-type: none"> <li>The spool version provides optimal sail luff and is used in conjunction with a continuous furling line.</li> <li>The drum version can be simply fitted to the deck and uses a classic furling line (1 strand).</li> </ul>																														
Spool: S																																				
Drum: D																																				
<p>4 What are the deck terminals? - Mark E, L or P</p> <table border="1" data-bbox="1096 1278 1254 1944"> <tr> <td>Eye: E</td> <td></td> <td>Purchase: P</td> <td></td> </tr> <tr> <td>Lashing eye: L</td> <td></td> <td></td> <td></td> </tr> </table>	Eye: E		Purchase: P		Lashing eye: L				<p>NEX STR 5.0 - NSE</p>	<ul style="list-style-type: none"> <li>Eye end fitting: Fitted with a toggle for classic metal fittings.</li> <li>Lashing eye end fitting: a light and performance-enhancing solution. Fitted with a loop to make a light anchoring point</li> <li>The friction purchase allows the stay to be adjusted from below. 4:1 Adjustments. Loop may be fastened.</li> </ul>																										
Eye: E		Purchase: P																																		
Lashing eye: L																																				
<p>5 What are the mast terminals? - Mark E or L</p> <table border="1" data-bbox="1324 1502 1482 1944"> <tr> <td>Eye: E</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Lashing eye: L</td> <td></td> <td></td> <td></td> </tr> </table>	Eye: E				Lashing eye: L				<p>NEX STR 5.0 - NSEE</p>	<ul style="list-style-type: none"> <li>Eye end fitting: a simple and reliable solution for fitting the swivel to the mast. Fitted with a toggle for classic metal fittings.</li> <li>Lashing eye end fitting: a light and performance-enhancing solution. Fitted with a loop to make a light anchoring point</li> </ul>																										
Eye: E																																				
Lashing eye: L																																				
Part number of the complete stayfurler		NEX STR 5.0 - NSEE																																		

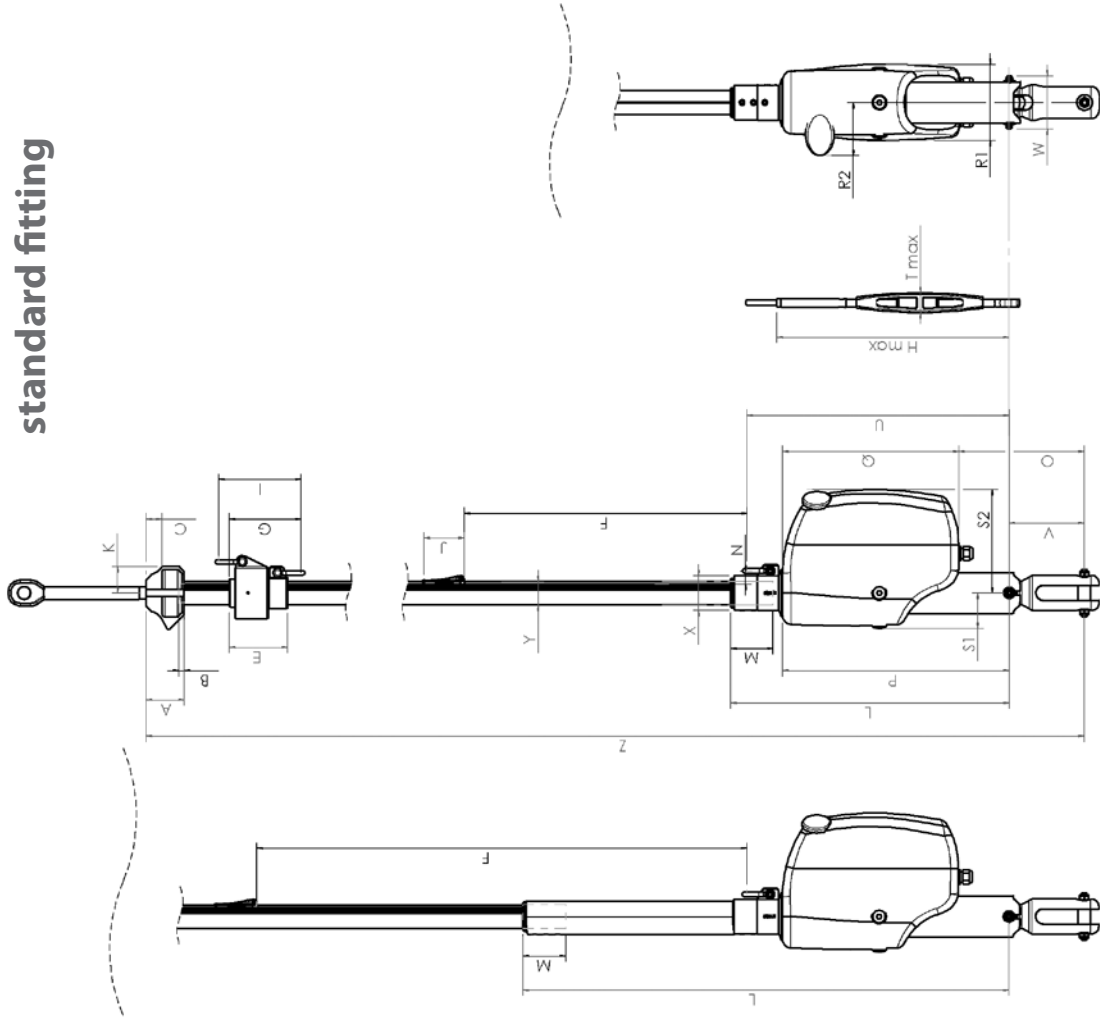
# TECHNICAL DATA: MOTORISED FURLING SYSTEMS

## DIMENSIONS TABLE

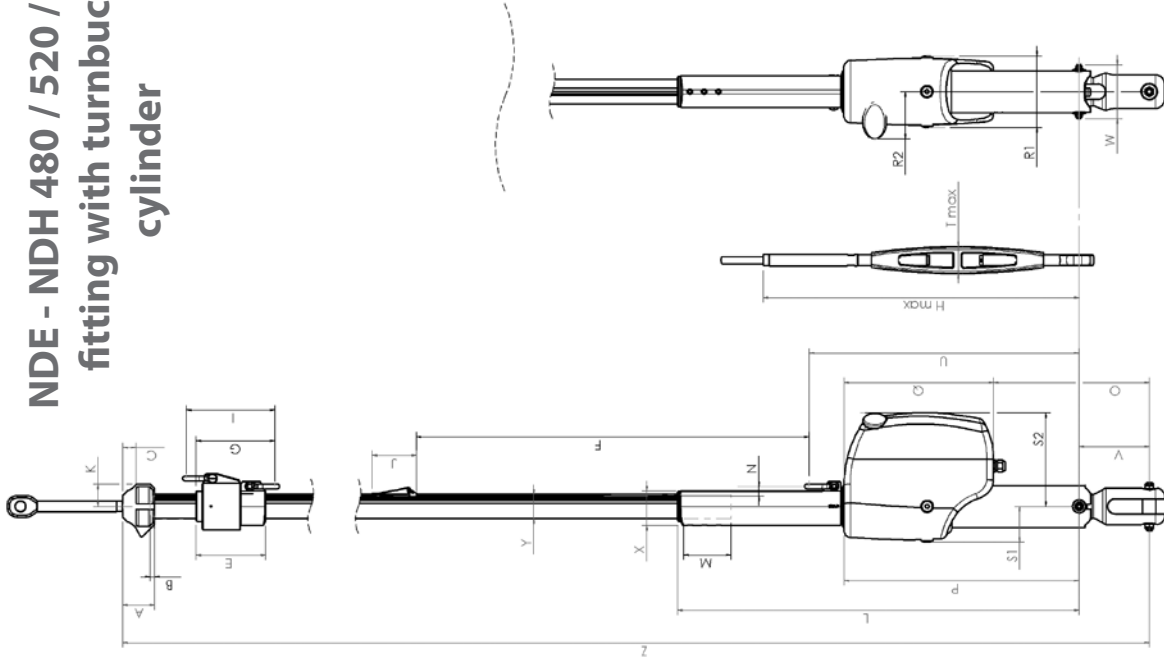
	NDE / NDH C420				NDE / NDH R420				NDE / NDH C430				NDE / NDH R430				NDE / H C480		NDE / NDH C520		NDE / NDH C530		
	Standard		with turnbuckle cylinder		Standard		with turnbuckle cylinder		Standard		with turnbuckle cylinder		Standard		with turnbuckle cylinder		Standard		Standard		Standard		
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	
A	68	2'43/64"	See standard	See standard	68	2'43/64"	See standard	See standard	68	2'43/64"	See standard	See standard	68	2'43/64"	See standard	68	2'43/64"	68	2'43/64"	68	2'43/64"	68	2'43/64"
B	10	13/32"	See standard	See standard	10	13/32"	See standard	See standard	10	13/32"	See standard	See standard	10	13/32"	See standard	14	35/64"	14	35/64"	14	35/64"	14	35/64"
C	28	17/64"	See standard	See standard	28	17/64"	See standard	See standard	28	17/64"	See standard	See standard	28	17/64"	See standard	28	17/64"	28	17/64"	28	17/64"	28	17/64"
E	103	4'1/16"	See standard	See standard	103	4'1/16"	See standard	See standard	140	5'33/64"	See standard	See standard	140	5'33/64"	See standard	146	5'3/4"	146	5'3/4"	168	5'3/4"	168	5'3/4"
F	498	1'7'39/64"	863	2'9'31/32"	498	1'7'39/64"	863	2'9'31/32"	498	1'7'39/64"	863	2'9'31/32"	498	1'7'39/64"	863	2'9'31/32"	827	2'8'9/16"	827	2'8'9/16"	827	2'8'9/16"	
G	126	4'61/62"	See standard	See standard	126	4'61/62"	See standard	See standard	170	6'11/16"	See standard	See standard	170	6'11/16"	See standard	170	6'11/16"	170	6'11/16"	192.5	6'11/16"	192.5	6'11/16"
H max	400	1'3'3/4"	765	2'6'1/8"	400	1'3'3/4"	765	2'6'1/8"	400	1'3'3/4"	765	2'6'1/8"	400	1'3'3/4"	765	2'6'1/8"	730	2'4'47/64"	730	2'4'47/64"	730	2'4'47/64"	
I	144	5'43/64"	See standard	See standard	144	5'43/64"	See standard	See standard	196	7'3/4"	See standard	See standard	196	7'3/4"	See standard	194	7'41/64"	194	7'41/64"	218	7'41/64"	218	7'41/64"
J	72	2'53/64"	See standard	See standard	72	2'53/64"	See standard	See standard	72	2'53/64"	See standard	See standard	72	2'53/64"	See standard	84	3'5/16"	84	3'5/16"	84	3'5/16"	84	3'5/16"
K	47	1'27/32"	See standard	See standard	47	1'27/32"	See standard	See standard	47	1'27/32"	See standard	See standard	47	1'27/32"	See standard	47	1'27/32"	47	1'27/32"	47	1'27/32"	47	1'27/32"
L standard	491	1'7'21/64"	856	2'9'45/64"	491	1'7'21/64"	856	2'9'45/64"	491	1'7'21/64"	856	2'9'45/64"	491	1'7'21/64"	856	2'9'45/64"	845	2'9'17/64"	845	2'9'17/64"	845	2'9'17/64"	
L mini	419	1'4'1/2"	784	2'6'55/64"	419	1'4'1/2"	784	2'6'55/64"	419	1'4'1/2"	784	2'6'55/64"	419	1'4'1/2"	784	2'6'55/64"	690	2'3'11/64"	690	2'3'11/64"	690	2'3'11/64"	
M	75	2'15/16"	See standard	See standard	75	2'15/16"	See standard	See standard	75	2'15/16"	See standard	See standard	75	2'15/16"	See standard	100	3'15/16"	100	3'15/16"	100	3'15/16"	100	3'15/16"
N	23	29/32"	See standard	See standard	23	29/32"	See standard	See standard	23	29/32"	See standard	See standard	23	29/32"	See standard	23	29/32"	21	53/64"	21	53/64"	21	53/64"
O standard	221	8'45/64"	See standard	See standard	221	8'45/64"	See standard	See standard	221	8'45/64"	See standard	See standard	221	8'45/64"	See standard	328	1'0'29/32"	328	1'0'29/32"	328	1'0'29/32"	328	1'0'29/32"
O mini	149	5'55/64"	See standard	See standard	149	5'55/64"	See standard	See standard	149	5'55/64"	See standard	See standard	149	5'55/64"	See standard	173	6'13/16"	173	6'13/16"	173	6'13/16"	173	6'13/16"
P standard	400	1'3'3/4"	See standard	See standard	400	1'3'3/4"	See standard	See standard	400	1'3'3/4"	See standard	See standard	400	1'3'3/4"	See standard	495	1'7'31/64"	495	1'7'31/64"	495	1'7'31/64"	495	1'7'31/64"
P mini	328	1'0'29/32"	See standard	See standard	328	1'0'29/32"	See standard	See standard	328	1'0'29/32"	See standard	See standard	328	1'0'29/32"	See standard	340	1'1'25/64"	340	1'1'25/64"	340	1'1'25/64"	340	1'1'25/64"
Q	310	1'0'13/64"	See standard	See standard	310	1'0'13/64"	See standard	See standard	310	1'0'13/64"	See standard	See standard	310	1'0'13/64"	See standard	315	1'0'13/32"	315	1'0'13/32"	315	1'0'13/32"	315	1'0'13/32"
R1	134	5'9/32"	See standard	See standard	134	5'9/32"	See standard	See standard	134	5'9/32"	See standard	See standard	134	5'9/32"	See standard	150	5'29/32"	150	5'29/32"	150	5'29/32"	150	5'29/32"
R2	94	3'45/64"	See standard	See standard	94	3'45/64"	See standard	See standard	94	3'45/64"	See standard	See standard	94	3'45/64"	See standard	100	3'15/16"	100	3'15/16"	100	3'15/16"	100	3'15/16"
S1	62	2'7/16"	See standard	See standard	62	2'7/16"	See standard	See standard	62	2'7/16"	See standard	See standard	62	2'7/16"	See standard	75	2'61/64"	75	2'61/64"	75	2'61/64"	75	2'61/64"
S2	182	7'11/64"	See standard	See standard	182	7'11/64"	See standard	See standard	182	7'11/64"	See standard	See standard	182	7'11/64"	See standard	197	7'3/4"	197	7'3/4"	197	7'3/4"	197	7'3/4"
T max	40	1'37/64"	See standard	See standard	40	1'37/64"	See standard	See standard	40	1'37/64"	See standard	See standard	40	1'37/64"	See standard	50	1'31/32"	50	1'31/32"	50	1'31/32"	50	1'31/32"
U standard	462	1'6'3/16"	See standard	See standard	462	1'6'3/16"	See standard	See standard	462	1'6'3/16"	See standard	See standard	462	1'6'3/16"	See standard	568	1'0'23/64"	568	1'0'23/64"	568	1'0'23/64"	568	1'0'23/64"
U mini	390	1'3'23/64"	See standard	See standard	390	1'3'23/64"	See standard	See standard	390	1'3'23/64"	See standard	See standard	390	1'3'23/64"	See standard	413	1'4'17/64"	413	1'4'17/64"	413	1'4'17/64"	413	1'4'17/64"
V	133	5'15/64"	See standard	See standard	133	5'15/64"	See standard	See standard	133	5'15/64"	See standard	See standard	133	5'15/64"	See standard	148	5'53/64"	148	5'53/64"	148	5'53/64"	148	5'53/64"
W	94	3'45/64"	See standard	See standard	94	3'45/64"	See standard	See standard	94	3'45/64"	See standard	See standard	94	3'45/64"	See standard	114	4'31/64"	114	4'31/64"	114	4'31/64"	114	4'31/64"
X	61	2'13/32"	See standard	See standard	61	2'13/32"	See standard	See standard	61	2'13/32"	See standard	See standard	61	2'13/32"	See standard	73	2'7/8"	73	2'7/8"	73	2'7/8"	73	2'7/8"
Y	42	1'21/32"	See standard	See standard	42	1'21/32"	See standard	See standard	42	1'21/32"	See standard	See standard	42	1'21/32"	See standard	48	1'57/64"	48	1'57/64"	48	1'57/64"	48	1'57/64"
Z standard	16485	54'1'13/32"	16850	55'3'25/64"	14485	47'6'9/32"	14850	48'8'41/64"	18485	60'7'3/4"	18850	61'10'1/8"	16485	54'1'13/32"	16850	55'3'25/64"	18813	61'8'43/64"	18813	61'8'43/64"	22813	74'10'5/32"	
Z mini	16413	53'10'3/16"	16778	55'0'35/64"	14413	47'3'7/16"	14778	48'5'13/16"	18413	60'4'59/64"	18778	61'7'19/64"	16413	53'10'3/16"	16778	55'0'35/64"	18658	61'2'9/16"	18658	61'2'9/16"	22658	74'4'3/64"	

# DIMENSIONS – MOTORISED FURLING SYSTEMS

**NDE - NDH 420 / 430:  
standard fitting**

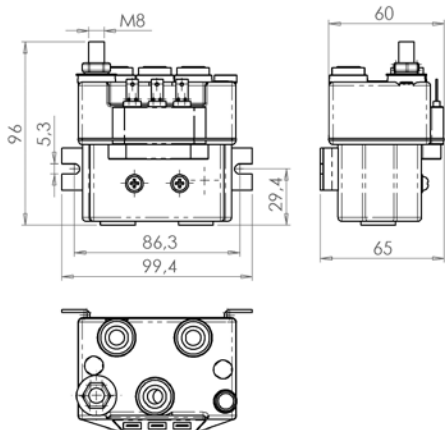


**NDE - NDH 480 / 520 / 530:  
fitting with turnbuckle  
cylinder**

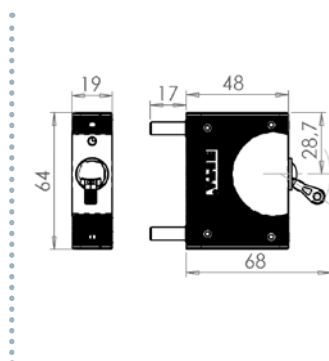


# TECHNICAL DATA: MOTORISED FURLING SYSTEMS

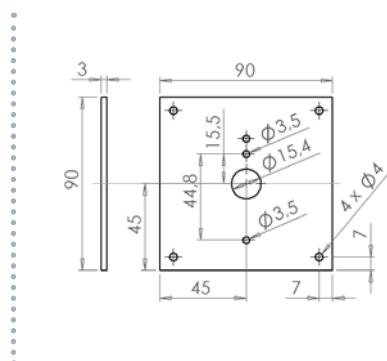
Contactor unit



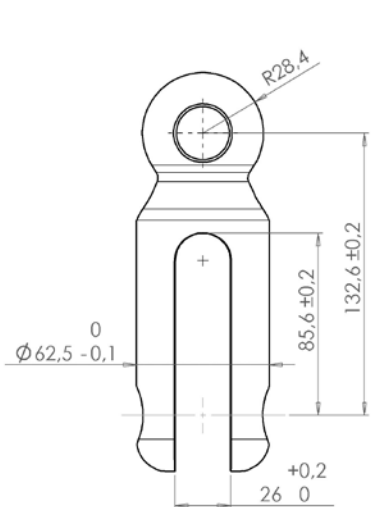
Circuit breaker



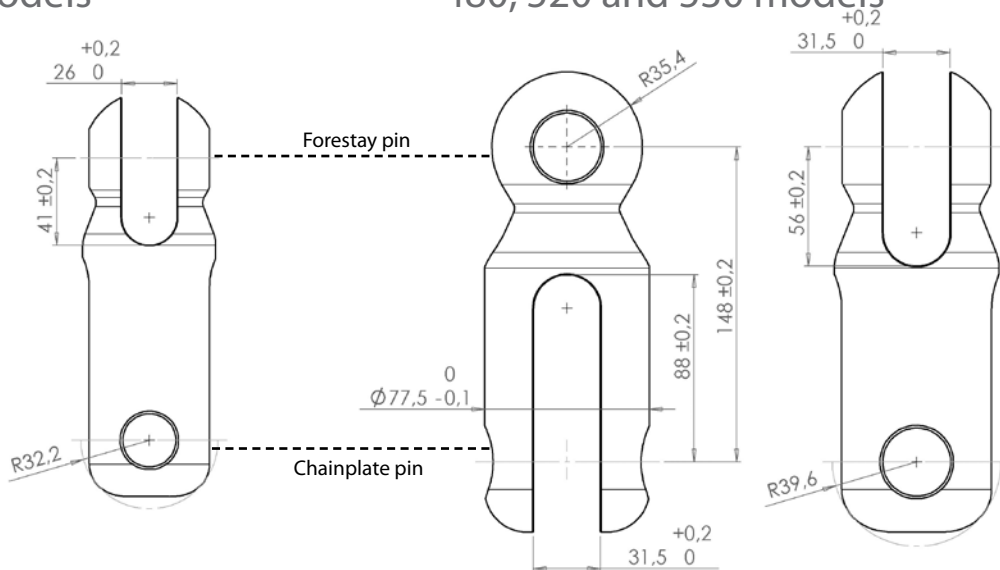
Circuit breaker plate



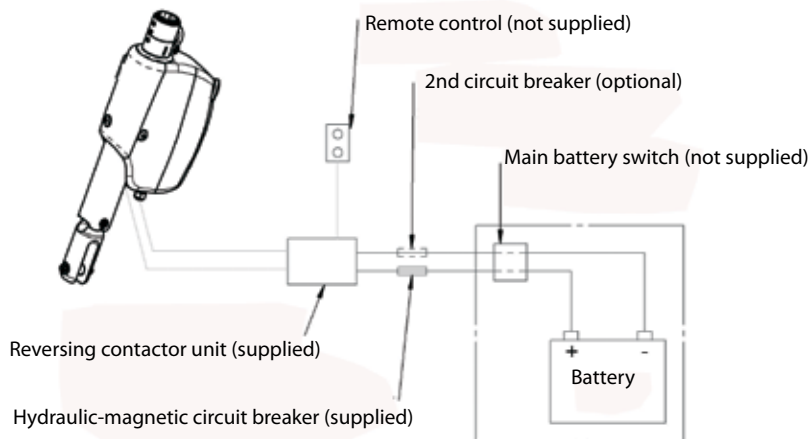
Dimensions of the toggle for 420 and 430 models



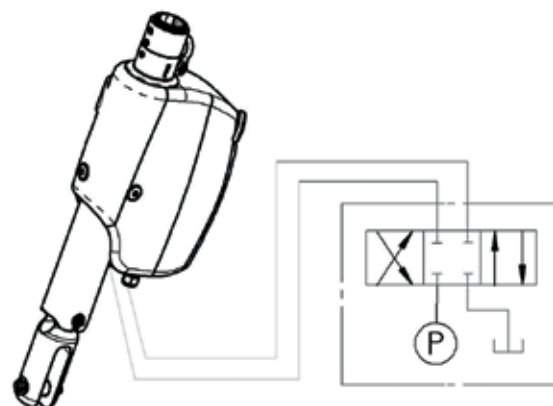
Dimensions of the toggle for 480, 520 and 530 models



Wiring diagram for electric systems



Wiring diagram for hydraulic systems



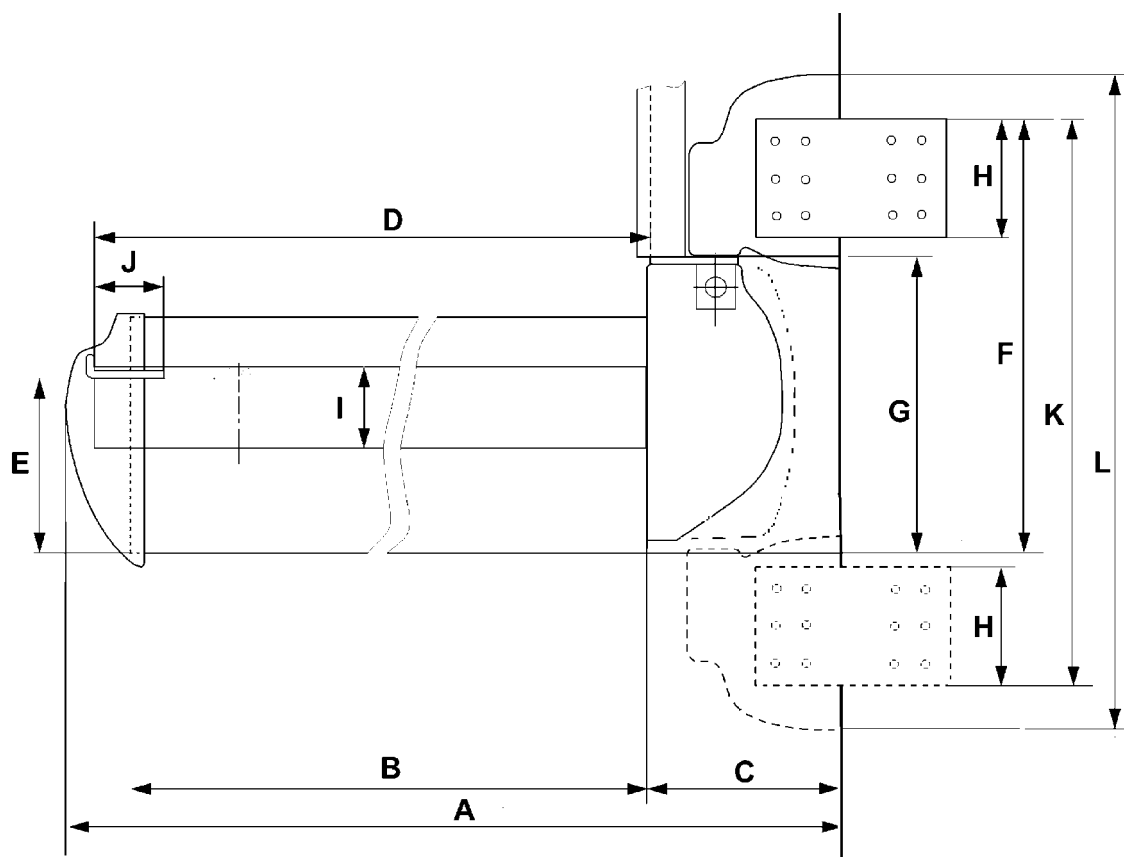
# SPECIFICATIONS OF THE IN-BOOM FURLERS

Dimensions in mm (ft)	Dimensions of boom sections in mm (ft)	Boom inside diameter in mm (ft)	Mandrel diameter in mm (ft)	Weight Kg/m (Lb / ft)		Standard boom vang pin to pin in mm (ft) open / closed
				Boom section	Mandrel	
<b>MK0R</b>	113 x 64 (4 29/64" x 2 33/64")	155 (6 7/64")	52 (2 3/64")	2,68 (1,80)	1,42 (0,95)	1100 / 1005 (3' 7 5/16" / 3' 3 9/16")
<b>MK1R</b>	194 x 191 (7 41/64" x 7 33/64")	180 (7 3/32")	70 (2 3/4")	5,34 (3,58)	2,8 (1,88)	1400 / 1305 (4' 7 1/8" / 4' 3 3/8")
<b>MK2R</b>	249 x 226 (9 51/64" x 8 57/64")	220 (8 21/32")	70 (2 3/4")	7,20 (4,83)	2,8 (1,88)	1550 / 1405 (5' 1 1/32" x 4' 7 5/16")
<b>MK3R</b>	311 x 261 (1' 1/4" x 10 9/32")	250 (9 27/32")	95 (3 47/64")	9,40 (6,39)	5,4 (3,62)	1750 / 1605 (5' 8 57/62" x 5' 3 3/16")
<b>MK4</b>	400 x 305 (1' 3 3/4" x 1' 1/64")	300 (11 13/16")	101 (3 31/32")	13,43 (9,01)	2,63 (1,75)	2100 / 1970 (6' 10 43/64" x 6' 5 1/2")

Sailmakers information	Finished luff tape diameter in mm (ft)	Finished foot tape diameter in mm	Available boom profiles lengths in m (ft)	Corresponding max foot length in m (ft)	Max full length in m (ft)	Boom perimeter in mm (inch) for mainsail cover
<b>MK0R</b>	6 (15/64")	6 (15/64")	3,2 (10' 6")	3,1 (10' 3 5/8")	9,0 (29 6 21/64")	550 (1' 9 5/8")
<b>MK1R</b>	5 (13/64")	8 (5/16")	4 or 5 (13' 1 31/64" or 16' 4 27/32")	3,95 or 4,95 (12' 11 33/64" or 16' 2 7/8")	12,6 (41' 4 1/16")	635 (2')
<b>MK2R</b>	5 (13/64")	8 (5/16")	4 or 5 (13' 1 31/64" or 16' 4 27/32")	3,95 or 4,95 (12' 11 33/64" or 16' 2 7/8")	14,6 (47' 10 51/64")	815 (2' 8 3/32")
<b>MK3R</b>	5 (13/64")	10 (25/64")	5 or 6 (23' 11 3/8")	4,95 or 5,95 (16' 2 7/8" or 19' 6/4")	17,6 (57' 8 15/16")	965 (3' 2")
<b>MK4</b>	7 (9/32")	8 (5/16")	7,3	7 (22' 11 19/32")	21 (68' 10 3/4")	1170 (3' 10 1/16")

Model in mm (ins)	A	B	C	D	E	F	G	H	I	J	K	L
<b>MK0R</b>	3350 max (10' 11 57/64")	3200 max (10' 6" max)	104 (4 3/32")	3202 max (10' 6 1/16")	128 (5 3/64")	267 (10 33/64")	198 (7 51/64")	60 (2 23/64")	52 (2 3/64")	32 (1 17/62")	-	-
<b>MK1R</b>	4202 or 5202 (13' 9 7/16" or 17' 51/64")	4000 or 5000 (13' 1 31/64" or 16' 4 27/32")	143 (5 5/8")	4016 or 5016 (13' 2 7/64" or 16' 5 31/64")	150 (5 7/8")	364 (12 21/64")	250 (9 27/32")	100 (3 15/16")	70 (2 3/4")	32 (1 17/62")	-	-
<b>MK2R</b>	4215 or 5215 (13' 9 7/16" or 17' 51/64")	4000 or 5000 (13' 1 31/64" or 16' 4 27/32")	148 (5 5/8")	4024 or 5024 (13' 2 27/64" or 16' 5 51/64")	196 (7 31/64")	386 (1' 4 3/8")	300 (11 57/64")	80 (3 5/32")	70 (2 3/4")	40 (2 7/16")	438 (1' 5 1/4")	468 (1' 6 1/2")
<b>MK3R</b>	5266 or 6266 (17' 2 54/64" or 20' 6 7/32")	5000 or 6000 (16' 4 27/32" or 19' 8 7/32")	196 (7 1/4")	5023 or 6023 (16' 5 3/4" or 19' 9 1/8")	270 (10 5/8")	476 (1' 8 13/64")	370 (1' 2 11/16")	100 (3 15/16")	95 (3 47/64")	70 (2 3/4")	541 (1' 9 3/8")	566 (1' 10 1/44")
<b>MK4</b>	7632 max (25' 30/64" max)	7300 max (23' 11 3/8")	232 (9 1/8")	7348 max (24' 1 19/64" max)	322 (12 5/8")	535 (1' 9 1/16")	401 (1' 3 25/32")	103 (4 1/16")	101 (3 31/32")	175 (6 57/64")	645 (2' 1 3/8")	668 (2' 2")

# SPECIFICATIONS OF THE IN-BOOM FURLERS



## Dimensions of halyard brakes

Model	H800	H1012	H1416
A	22	26	34
B	120	120	180
C	106,5	106,5	124 & 164
D	38	42	65
E	75	75	120
F	8	10 & 12	14 & 16
Weight	0,6 Kg	0,7 Kg	2,8 Kg

Dimensions of mast cutting-off		
Model	H800	H1012
H	26	30
L	124	124
Ø	5	5

