

EXTERNAL MAINSAIL FURLER

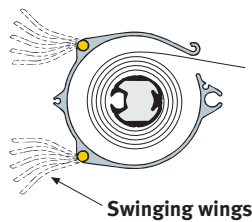
When installing an external mainsail furler, you do not have to replace the existing mast and boom. The equipment is designed and built in order to adapt to any structure (the system may be installed on both aluminium and wooden masts). The external foils to be fitted to the mast are 2.5 m long (6 m for type "E") and have an integrated groove that may be used to hoist a traditional mainsail in case of emergency. The groove supports both hooks and luff tape.

The foils are to be installed on aluminium masts with the rivets supplied. Should you have a wooden mast, the rivets will have to be replaced by s.s. screws.

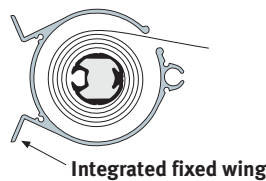
There are five models available with different external foil diameter depending on the sail to be stowed in when it is furled.

How to choose the mainsail furler:

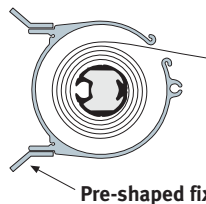
Determine the model by finding out the P (sail hoisting length) and E (sail base).



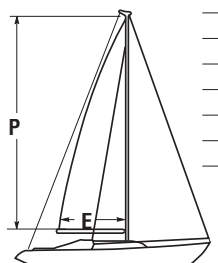
R.G.E. foil type "BA 70" and "BA 80"

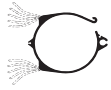

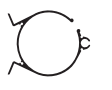
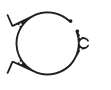
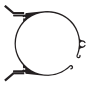


R.G.E. foil type "C" and "D"



R.G.E. foil type "E"



Model	BA70	BA80	C	D	E
R.G.E. foil					
Max E m*	3,2*	4,2*	5,7*	6,7*	10,0*
Max P m	13,0	15,5	18,0	20,5	30,0
Internal diameter mm	70	80	90	105	150
Foil length m	2,50	2,50	2,50	2,50	6,00
Weight kg/m	1,72	2,70	3,30	4,18	6,10
Car breaking load kg	600	1.000	1.600	3.000	Depending on measure
Sail g/m ² (indicative)	281	323	365,4	398	Depending on measure

The mainsail furlers' standard finish is silver anodising.

On request, we may supply black and bronze anodising, and white painting RAL 9010.

*Data expressed are indicative and need to be checked with the sail-maker depending on the cut, cloth and thickness of the sail.

(A 10) MANUAL EXTERNAL MAINSAIL FURLER RGEM

This system is the precursor of all vertical furling systems on the market. It has started the fashion of vertical external mainsail furlers. It is characterised by the famous “worm screw” coil drive that grants a correct stowage of the furling line avoiding all possible overlaps while furling. The coil drive is made of silver anodised aluminium, and integrates a ball bearing bush protected by seals and OR.

Another important mechanical component is the halyard swivel that connects the halyard to the sail. It is made of silver anodised aluminium, and rotates on ball bearings protected by seals and OR that grant a tight seal.

Watertight halyard swivel



The manual external mainsail kit is delivered in a strong 2,600 mm long hard board box (apart from the E system which is longer) and includes:

- sail stowing foils
- furling foils and connectors
- halyard swivel
- terminal
- gooseneck connecting the boom to the mast
- “worm screw” coil drive with furling line
- screws and rivets

- boom modification: track with terminals, screws and fixing plates, cars running on ball bearings, three blocks to take the line down to the mast foot.

Optional material:

- built in block for the boom for line of 14 mm diameter max.
- adapter for C and D models to be fitted to masts with tapered aft face.

Not included:

- Sail
- Deck equipment
- Outhaul

The use of well lubricated, sliding blocks and accessories, and a correct maintenance guarantee the good operation of the system.



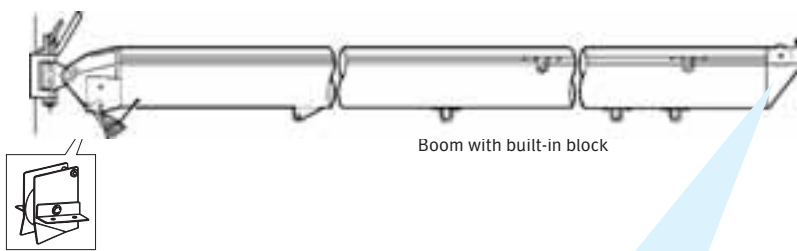
Coil drive / worm screw



Window / Sail hoisting section

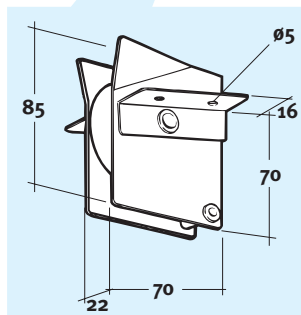


Car and track fitted on the boom



Boom with built-in block

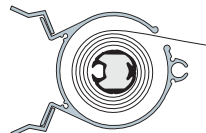
Built-in block



Adapter foil



Existing mast

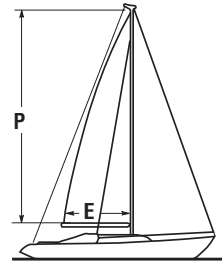


RGEM “E”



HOW TO ORDER THE MAINSAIL FURLER:

- Choose the mechanism depending on P and E measurements
- Choose the accessories to complete the system
- Specify the diameter of the pin on the boom goose neck that fits the existing boom toggle (see dimensioning table)
- Check that under the boom there is enough room for the coil drive.



In the table below you will find the codes that help you place the order.

Codes to order **RGEM**

MODEL	RGEM BA70	RGEM BA80	RGEM C	RGEM D	RGEM E
E MAX m *	3,2*	4,2*	5,7*	6,7*	10,0*
P MAX 8,0 m	101001020300	101002020300			
P MAX 10,5 m	101001030400	101002030400	101003030400		
P MAX 13,0 m	101001040500	101002040500	101003040500	101004040500	
P MAX 15,5 m		101002050600	101003050600	101004050600	
P MAX 18,0 m			101003060700	101004060700	101005060700
P MAX 20,5 m				101004070800	
P MAX 24,0 m					101005091200
P MAX 30,0 m					101005111400

*Data expressed are indicative and need to be checked with the sail-maker depending on the cut, cloth and thickness of the sail.



(A14) Extra colour

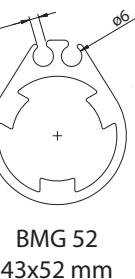
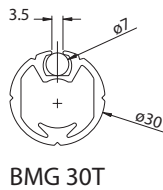
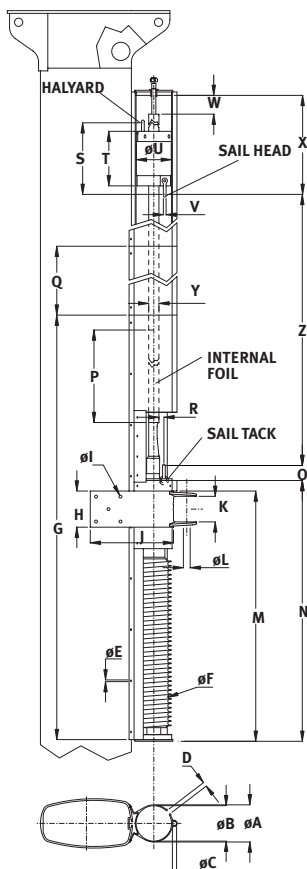
MODEL / COLOUR	RGEM BA70	RGEM BA80	RGEM C	RGEM D	RGEM E*
Black anodising	901010301	901010401	901010501	901010601	901010701
Light bronze anodising	901010302	901010402	901010502	901010602	901010702
White painting RAL 9010	901010303	901010403	901010503	901010603	901010703

*For RGEM "E" the price of colours is given per meter.

(A14) Other accessories

MODEL / ACCESSORY	RGEM BA70	RGEM BA80	RGEM C	RGEM D	RGEM E
Ball bearing built-in block	901010101	901010101	901010101	901010101	
Adapter foil			901010801	901010802	Included**

** Mast section needed.



MODEL	BA70	BA80	"C"	"D"	"E"
Ø A (mm)	74	84	94	110	158
Ø B (mm)	70	80	90	105	150
Ø C (mm)	8	8	12	12	12
D (mm)	10	10	13	13	22
Ø E (mm)	5	5	5	5	5
Ø F (mm)	8	8	10	10	12
G (mm)	995	1065	1095	1255	1500
H (mm)	80	80	106	106	200
Ø I (mm)	6,5	6,5	8,5	8,5	10,5
J (mm)	185	185	225	225	325
K (mm)	63	63	75	75	100
Ø L MAX (mm)	12	12	18	18	25
M (mm)	465	535	570	735	1035
N (mm)	505	575	610	765	1000
O (mm)	40	40	47	40	50
P (mm)	2500	2500	2500	2500	3000
Q (mm)	2500	2500	2500	2500	6000
R (mm)	12	12	12	15	20
S (mm)	160	180	180	210	320
T (mm)	135	150	150	160	210
Ø U (mm)	68	77	88	103	150
V (mm)	5	6	6	8	10
W (mm)	50	50	50	50	80
X (mm)	260	260	260	290	400
Y (mm)	BMG 30T	BMG 30T	BMG 30T	BMG 30T	BMG 52
HALYARD SWIVEL (Kg)	1	1,5	2	3	4,5
FOIL (Kg/m)	0,62	0,62	0,62	0,62	1,77
COIL DRIVE (Kg)	4	5	6	12	16
Z	SAIL LENGTH (DEDUCT LASHINGS AND STRETCH)				