

***bamar***

2023

**RGEEL** (A12)



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## electric external mainsail furler

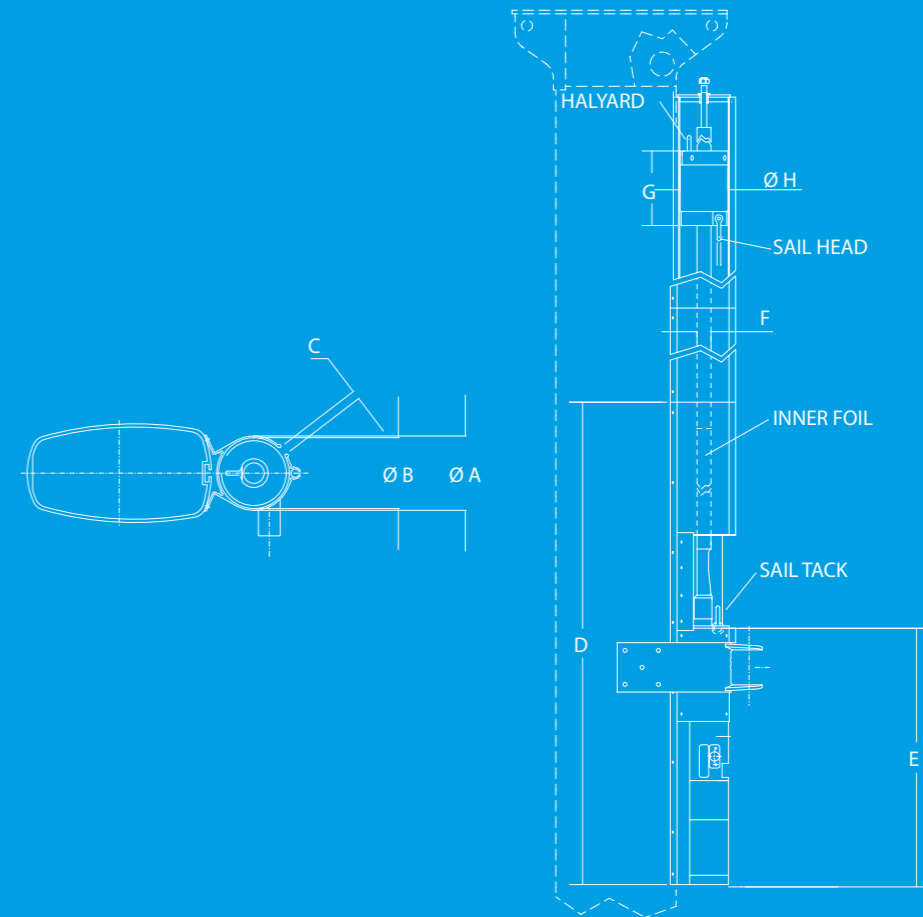
External electric mainsail furler to be fitted onto the existing mast. It is supplied with a motorization that replaces the classic manual “worm screw” coil drive. This solution allows you to reef, furl and unfurl the sail by simply pushing a button.

Both the external foils that stow the sail and the internal ones on which the sail furls are the same as the ones used on the manual system. The motorization has a cylindrical shape and is available for either 12 or 24 Volts installations. Its consumption is extremely low, as we use permanent magnet motors with a high efficiency epicyclic transmission.

Reefing is guaranteed by the integrated electromagnetic brake. Moreover, the motorization is supplied with a manual emergency clutch to be used with a standard winch handle, should the electric system fail. If required, we may motorize existing furling devices keeping original furling foils and halyard swivel.

The external electric mainsail furler kit includes:

- sail stowing foils
- furling foils and connectors
- halyard swivel
- terminal fitting
- goose-neck connecting the boom to the mast
- electric motorization
- screws and rivets
- boom modification: track with terminals, screws and fixing plates, cars running on ball bearings
- 5 m long electric cables



Model	BA80	C	E
RGE Foil			
E max m*	4,2*	5,7*	10,0*
P max m	15,5	18	30
Internal Diameter mm	80	90	150
Foil length m (indicative)	2,5	2,5 / 3	3
Weight kg/m	2,7	3,3	6,1
Car breaking load kg	1.000	1.600	depending on measure
Sail g/mq (indicative)	≤ 323	≤ 365	depending on measure
Motorization Model	80 / Manual	80 / Manual	130

Model	BA80	C	E
Max E* m	4,2	5,7	10
Max P m	15,5	18	30
Ø A mm	84	94	157
Ø B mm	80	90	150
C mm	10	13	20
D mm	1045	1045	6500
E mm	570	570	777
F (inner foil type)	BMG 30T	BMG 30T	BMG 52
G mm	150	150	140
Ø H mm	77	88	147
Halyard swivel kg	1,5	2	4,5
Inner foil kg/m	0,62	0,62	1,77
External foil kg/m	2,7	3,3	6,1
Motorization kg	9,5	11	35
Motorization Model	80	80	130

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

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