photo credit : MichaelSchmidtYachtBau / explorer

HF HEADSAIL FURLERS
FACNOR HYDRAULIC

Hydraulic motorised furling systems brings ease of use to sailing handing on yachts 42′ and over. The Facnor HF range is suitable for yachts unto 72′ often equipped with other hydraulic devices.

THE HYDRAULIC MOTORIZATION: POWER & TORQUE

HF Hydraulic

- Plugged on standard hydraulic devices (max 140 bars*)
- Durable drive unit, waterproof and compact, low noise level
- Power ratio / Optimum torque
- Installation on existing forestay
- Compact : reduced lateral dimensions compared with a classic drum
- Quick installation : split foot (HF700) + internal turnbuckle fitting
- No specific maintenance. International 3-year warranty

**See chart against. In case of debit higher than the recommanded one, please contact one agent. A debit control will be needed.*

SX foil sections Capacity to support high level torques

Special aluminium cover
Strong drive unit

Anticorrosion surface treatment
increased durability

3 compact models
from 42 to 72′

42 → 60′
HF500 & 600

60 → 72′
(HF700)

Back up device
situated on starboard for emergency handling (or the Facnor emergency continuous line system).

(after use, screw the cap back)

Reduced lateral dimensions
(increased space for anchoring)

Installation over existing forestay
Passing through the drive unit.

Specific to HF700 : removable split polished base for easy installation and access to the turnbuckle without dismantling forestay.

HYDRAULIC MOTORISED RANGE

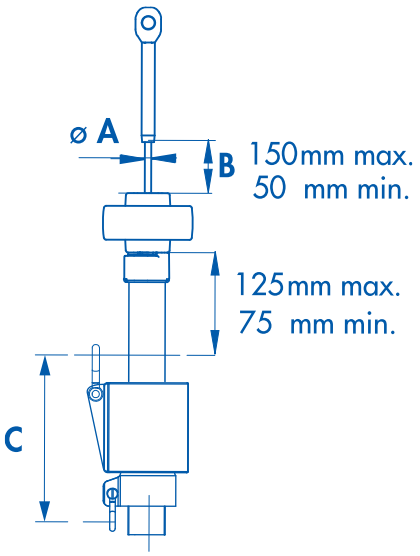
Technical datas :

Option : wired or radio remote control (see page 20)

Boat Length	Max forestay Ø	Section / Swivel	Model ref.	Forestay length	hydraulic connections	Max recommended / pressure (bars)	Max recommended / flow (L/min)	Max. rotation speed (RPM[1]/mn)
14 → 18 m 42′ → 54′	14*	SX 47 / C 47	HF550	18 m 50 20 m 50	9/16″	125 (140 max)	15 (20 max)	30
18 → 20 m 54′ → 60′	19*	SX 53 / C 600	HF600	22 m 50 24 m 50				
20 → 24 m 60′ → 72′	22* / #76*		HF700	28 m 50 30 m 50	3/8″		15-18 (20 max)	60
40 → 50 m 131′ → 164′	40*	ø 105 / C 105	HF950	50 m	G3/8′	(140 max)	60	24

RPM[1]: Rotations per Minute

Installation with swage rigging screw or "manual"

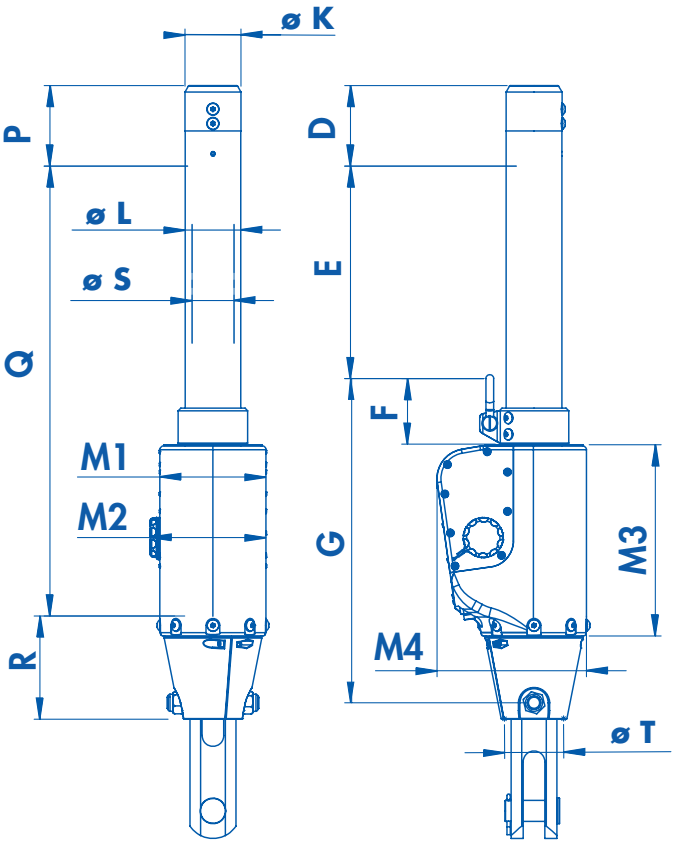


Stainless steel toggle & link plates

- Fitted according to bottom forestay terminal (turn-buckle + toggle or eye + toggle). Toggle and stainless steel link plates are delivered in the standard kit.

HF Sections :

- Standard SX47 & SX53 foil sections are common to all systems.



HF DIMENSIONS

Rep.	HF 550	HF 600	HF 700
Section /Swivel Ref.	SX 47 C47	SX 53 C600	SX 53 C600
A = max. forestay ø (* turnbuckle)	14 mm*	19 mm*	22 mm* #76*
B	53	53	52
C	220	228	228
D*	106	103	123
E	248	263	325
F	77	82	100
G	536*	770	495
M4	216	267	267
ø K	72	72	85
ø L	70	72	85
M1	146	146	162
M2	16	172	177
M3	185	324	292
P	106	103	123
Q	485	435	686
R	89	265	158
ø S	50	53	64
T	75	78	90