SF-45SW



power supply	hydraulic
attachment of the sail	without profile
type of installation	below Deck
max. speed	50 U/min
max. pre-tensioning load	45 t @ 340 bar
max. drive torque	842 Nm
max. holding load	46,5 t @ 350 bar
stroke	500 mm
Q max	60 l/min
P max	140 bar
weight	135 kg
D	198 mm
d	45 mm
G	49,50 mm
H	901 mm
T	50 mm
W	45 mm

Hydraulic staysail furling system with worm gear for below-deck installation

The **Reckmann SF** staysail furler is a combination of a turning padeye and a hydraulic stay tensioner. It is designed for staysails that are hoisted on a halyard lock. The **self-aligning deck flange** reduces bending loads on the extended piston. The stay connector with a **quick-release pin** allows quick and easy sail attachment.

The **SF-SW** is **hydraulically** driven through a **worm gear**. This eliminates the need for an additional hydraulic brake and allows a **reduced installation length** below deck compared to the SF-S.

Features



Top Swivel TTS

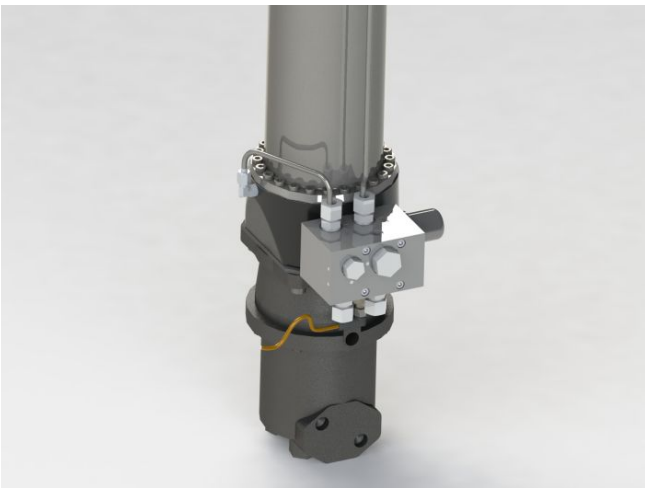
In keeping with our staysail furling systems, we offer a range of swivels. In addition to offering various materials (titanium and aluminium) we also provide various connection options.

Find out more about the Reckmann swivel TTS.



Spherical Deck Joint

This deck connection is based on a spherical segment in a low-friction bearing seat. Owing to the type of construction used, this bearing is significantly smaller. However, the sphere only allows for a maximum deflection angle of +/-10° in all directions. This means that the furling system has to be installed in an inclined deck structure.



Load Control Valve Block

The integrated check valve keeps the hose depressurised, even with attached stay loads, therefore preventing damage caused by a burst hydraulic hose. The adjustable pressure relief valve, which is also integrated, loosens the stay adjuster in the event of an overload and thus prevents the furling system from being damaged. An optional pressure sensor allows for real-time monitoring of the internal cylinder pressure and therefore the attached stay load.



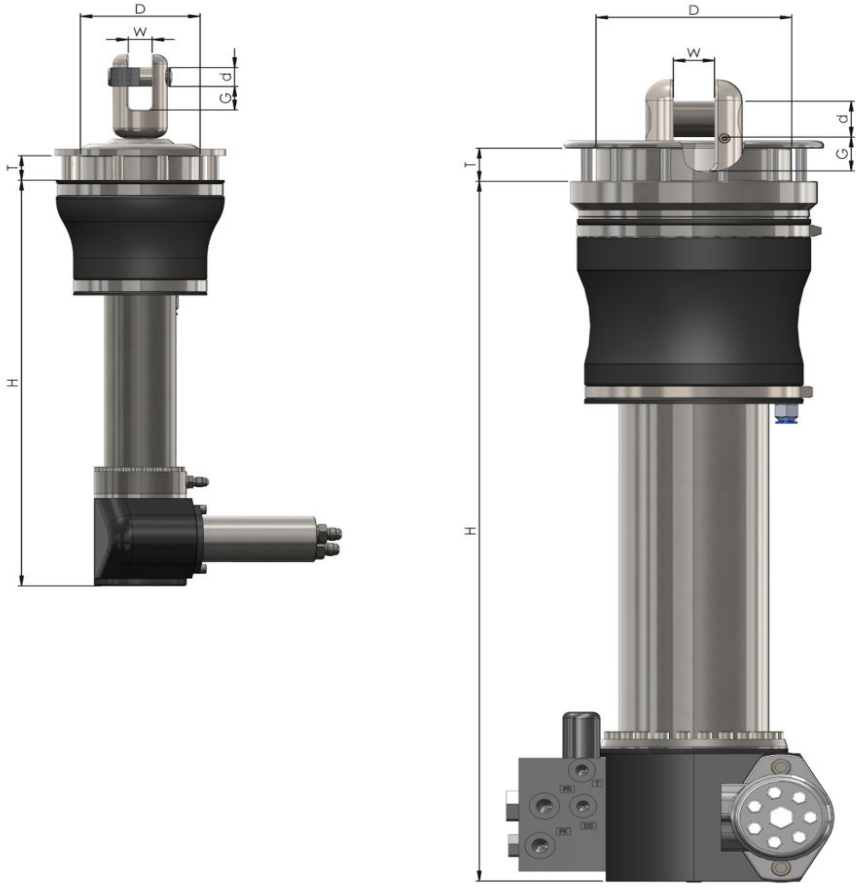
SF-8SW – Hydraulic Staysail furling system with worm gear



SF-30SW – Hydraulic Staysail furling system with worm gear



SF-65SW hydraulic Staysail furling system with worm gear for sailing yachts



Dimensions, left: SF-8SW, right: SF-30SW and larger – see table for more information