EF90-3/R50



power supply	electric
attachment of the sail	with profile
max. headstay length	31 m
forestay (rod size)	-60
ø forestay (wire)	16 mm
stroke stay adjuster	70 mm
aluminium profiles	R50
carbon profiles	S4, S4.5
halyard swivel	FS-5
weight	36 kg
A (adjuster in mid position)	602 mm
B	153 mm
E (adjuster in mid position)	452 mm
H	391 mm
L	195 mm

Electric furling system for above-deck installation

Supply voltage: 12, 24 or 48V

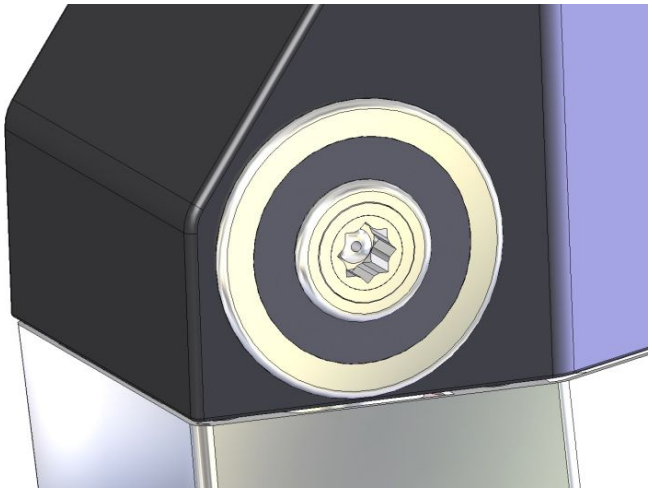
With the **electric EF90** reefing systems, trend-setting design and peak efficiency are combined in an overall high-capacity system. They are designed for yachts of approx. **36-70 foot** in length and for wire forestays from 8 to 16 mm in diameter (alternatively rods -12 to -76). A newly developed gear technology and sophisticated bearing technology lend the smooth running EF90 an unprecedented functionality. With respect to construction, the **self-braking worm gear** is nearly maintenance free.

Comforting to know that in emergency situations it is easy to switch over to manual operation. In order to guarantee secure and simple operation, loads from the sail are completely absorbed and hence cannot affect the winch handle. The integrated length adjustment is likewise easy to operate and works even with tacked sail.

The technical equipment and the exclusive use of **top value materials** make this an overall valuable and durable system, tailored to the requirements of ambitious yachtsmen.

The system sizes EF90-2 and EF90-3 guarantee high performance and **top efficiency in simple and comfortable operation** on 36-foot boats as well as larger yachts.

Features



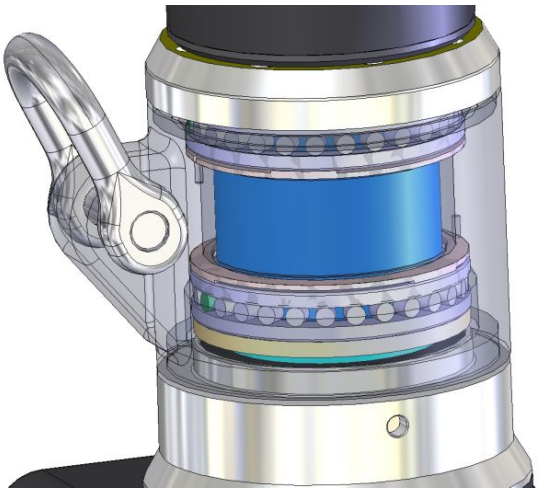
Emergency Manual Backup

The unique manual drive ensures the greatest possible level of security. By simply inserting a standard winch handle, the electric drive will disconnect and switch to manual operation. Due to this special gear mechanism that prevents sail forces from transferring to the winch handle, the reefing system can be safely and easily operated, even when in manual mode.



Integrated length adjustment

The integrated length adjustment mechanism is designed for precise rig tuning in port. It can be easily accessed and adjusted from the outside using simple tools. This allows accurate adjustment of forestay length, rig trim and mast rake while the yacht is docked.



Tack Swivel Ring Bearings

The furler tack swivel rings have a double axial bearing. This means that even heavy loads can be carried reliably. In order to avoid point loading on the bearings, loads are distributed using distribution plates over the whole bearing.

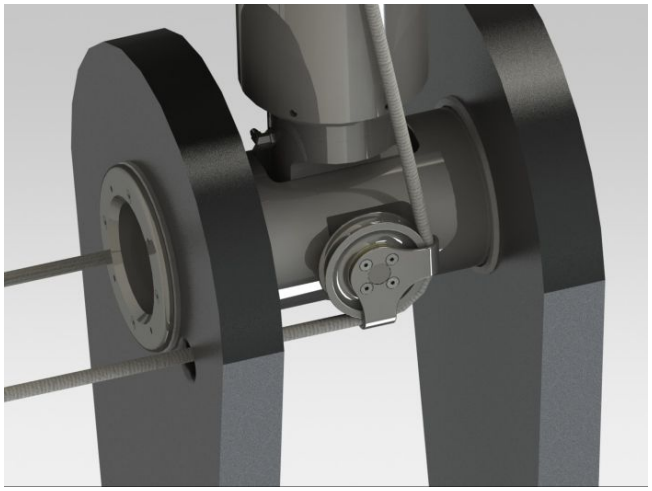
Features



Halyard Swivel FS

The Reckmann high-performance halyard swivels turn with extremely low amounts of friction, thereby guaranteeing a secure operation without twisting the halyard. The compact design and size graduation ensure a low weight aloft.

Find out more about the Reckmann Halyard Swivel FS.



Chainplate Pin

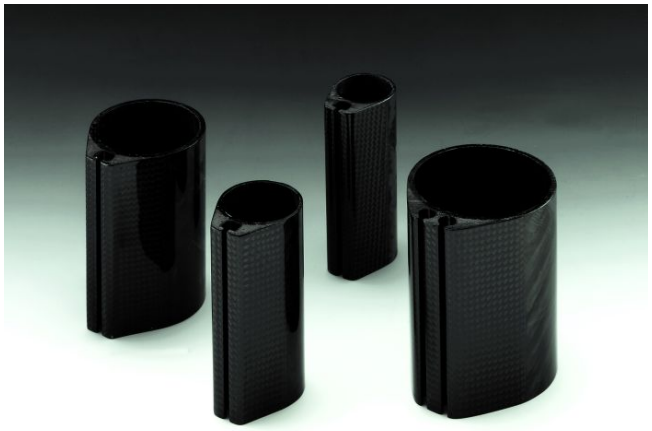
This new development from Reckmann means there is no need for a toggle. The compact design makes it possible to save on toggle length. The design can be integrated, load-optimised, into carbon fibre structures.



Tack Slider

The tack slider or floating tack swivel allows the sail luff to be tensioned independently of the stay. This is a necessary addition, specifically with sails that have a halyard lock.

Features



Carbon Foils

Our carbon profiles offer high resistance and low weight at the same time. A weight reduction of 50-60 % in comparison with conventional aluminium profiles means that there is a significant improvement in performance.

Find out more about the Reckmann Carbon Foils.



Connection Components

All electric Reckmann furling systems are shipped with a complete set of required connection components.



EF90 – electric furling gear



Dimensions EF90 – see table for more information