CZ-4/8



power supply	hydraulic
attachment of the sail	without profile
connection options	90 degree angle
max. stay load	4 t
max. speed	195 U/min
Q max	16 l/min
weight	3,80 kg
D	58 mm
d	12 mm
F	83,50 mm
G	21,50 mm
H	81 mm
L	238 mm
T	15 mm
W	16 mm

Code Zero furling system for deck-integrated installation

Drive: Hydraulic, worm gear (90°)
Installation: In-deck (structural), deck pre-angle required

Application

The **Reckmann CZ furler** is designed for a wide range of furling applications with **free-flying headsails**. Typical use cases include Code Zero sails, furling gennakers and other torsion cable-based sail systems.
All components are designed for the marine environment and are effectively protected against corrosion. The system can be used with both top-down and bottom-up furling configurations. The required functionality is defined by the appropriate swivel arrangements at the head and/or tack (see swivel variants).

Description

The **Reckmann CZ – 90°** is a compact, deck-integrated hydraulic Code Zero furler with a **worm gear** drive. The motor axis is arranged at 90° to the output shaft, allowing for a **space-efficient installation** below deck. The system is to be installed in a pre-angled deck structure to align with the stay direction.

The hydraulic drive with a worm gear delivers reliable torque and consistent performance, enabling safe furling even under demanding conditions and with large sails.

The worm gear design provides a key functional advantage: it is **inherently self-locking**. This prevents unintended rotation of the output shaft under load and eliminates creep of the sail when furled. The system offers a robust and controlled furling behaviour, making it particularly suitable for applications where holding load and positional stability are critical.

The standard version is equipped with a fork fitting for sail attachment. Alternatively, the **CZ – 90°** is also available with padeye or lashing eye attachment. Reckmann offers a wide range of connection interfaces and customized solutions on request.

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.



Code Zero Furler For Bowsprit

We can also supply the hydraulic code zero furling system in a housing for mounting on a bowsprit for stay loads of SWL=4 t. The furling system is mounted on the outer end of the aluminium or carbon fibre boom.



Top-Down-Swivel-Toggle

To furl spinnakers with the code zero furling system according to the top-down principle, a freely-rotating ring collar on the lower headstay is necessary. We offer this ring collar mounted on an additional toggle. This means that the ring collar remains on the stay and the sail can be quickly attached and removed.

Features



Code Zero Furler For Structural Stays

The compact code zero furling systems can also be used for structural stays (forestays). The sail is then attached to the stay using soft hanks. To compensate for stay sag in the sails, these drives are integrated within the deck with a compensatory ball bearing.



Custom Connections

On request, we can provide tailored solutions for connecting stays and sails. Please get in touch with us.

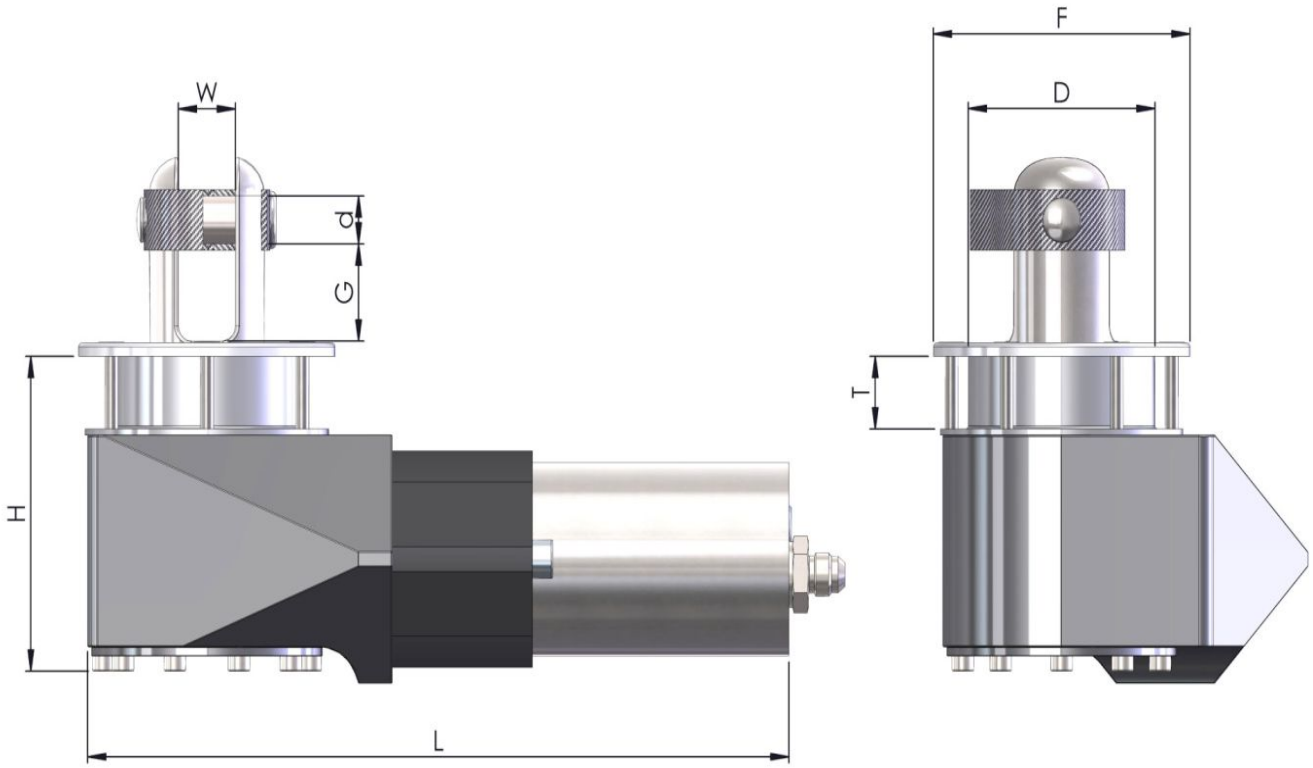


Top down furling up to swl=5t

We deliver full torsion forestays for top-down furling applications for up to SWL=5t. The stays are aligned with the top swivel and the corresponding toggle on the underside of the stay. We are happy to deliver the stay to you fully fitted. Different connection options:



CZ-8_8 with 90 degree angle



Dimensions CZ with 90 degree angle – see table for more information