CZ-45/400



power supply	hydraulic
attachment of the sail	without profile
connection options	straight
max. stay load	45 t
max. speed	150 U/min
Q max	70 l/min
weight	71 kg
D	183 mm
d	45 mm
F	249 mm
G	74 mm
H	445 mm
T	55 mm
W	45 mm

Code Zero furling system for deck-integrated installation

Drive: Hydraulic, direct drive (inline)
Installation: In-deck (structural), alignment 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).

In addition to typical free-flying headsail applications, CZ furlers can also be used for detachable inner staysails if the required stay tension is generated via the halyard. In special configurations, they can also be applied at the forestay.

Description

The Reckmann **CZ – straight** is a compact, deck-integrated hydraulic Code Zero furler with an **inline drive configuration**. The hydraulic motor is directly aligned with the output shaft, resulting in a simple and highly efficient drive concept.

This **direct drive** design enables very high furling speeds and fast, reliable sail handling, even under load, making it particularly suitable for performance-oriented applications.

Due to the inline arrangement of motor and output shaft, sufficient installation space is required below deck in axial direction. The system is installed in a **pre-aligned deck structure** to match the stay angle.

The standard version is equipped with a fork fitting for sail attachment. Alternatively, the CZ – straight is also available with padeye or lashing eye attachment (see CZ – straight with lashing eye). 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.



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.



Code Zero Furler For Structural Stays

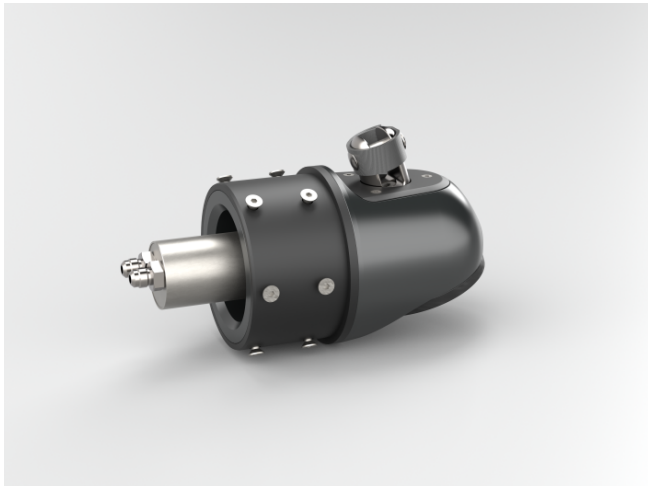
The compact code zero furling systems can also be used for structural stays (forestays). The sail is then attached to the stay using soft hanks. To compensate for stay sag in the sails, these drives are integrated within the deck with a compensatory ball bearing.

Features



Custom Connections

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



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 furling up to swl=5t

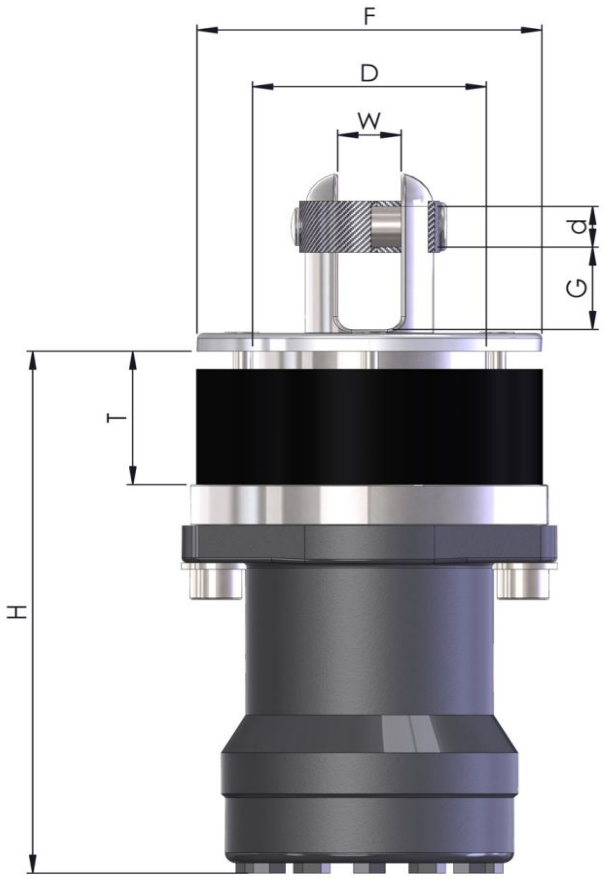
We deliver full torsion forestays for top-down furling applications for up to SWL=5t. The stays are aligned with the top swivel and the corresponding toggle on the underside of the stay. We are happy to deliver the stay to you fully fitted. Different connection options:



CZ-32_400 straight



CZ-32S_400 straight



Dimensions CZ straight – see table for more information

