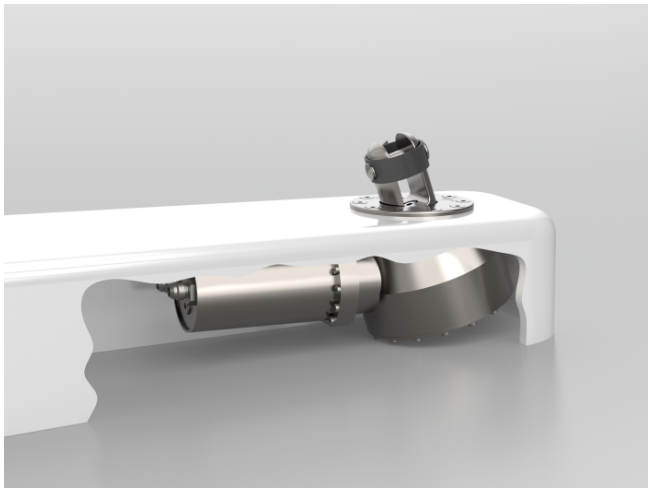
CZ-12/50K



power supply	hydraulic
attachment of the sail	without profile
connection options	72 degree angle
max. stay load	12 t
max. speed	120 U/min
Q max	20 l/min
weight	14 kg
D	85 mm
d	22 mm
F	119 mm
G	30 mm
H	129 mm
L	320 mm
T	20 mm
W	22 mm

Code Zero furling system for deck-integrated installation

Drive: Hydraulic, bevel gear (angled, 72°)
Installation: In-deck (structural), no 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 – 72°** is a compact, deck-integrated hydraulic Code Zero furler with an **angled bevel gear** drive. The output shaft is positioned at a fixed angle relative to the motor and deck flange, allowing installation **without pre-angling the deck structure** in most cases.
Furthermore, the compact layout allows for a **space-efficient installation**, as the motor is arranged parallel to the deck rather than angled downward. This makes the CZ – 72° particularly suitable for applications with limited installation space, such as **fixed bowsprits or retrofit projects**.

The bevel gear drive enables a direct and efficient power transmission with high rotational speeds. This results in very fast furling performance and responsive sail handling, even with large sails and under load – ideal for performance-oriented yachts. In contrast to worm gear systems, the bevel gear design is not self-locking. For this reason, sails should be properly secured

or lowered after use.

The standard version is equipped with a fork fitting for sail attachment. Alternatively, the **CZ – 72°** 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.



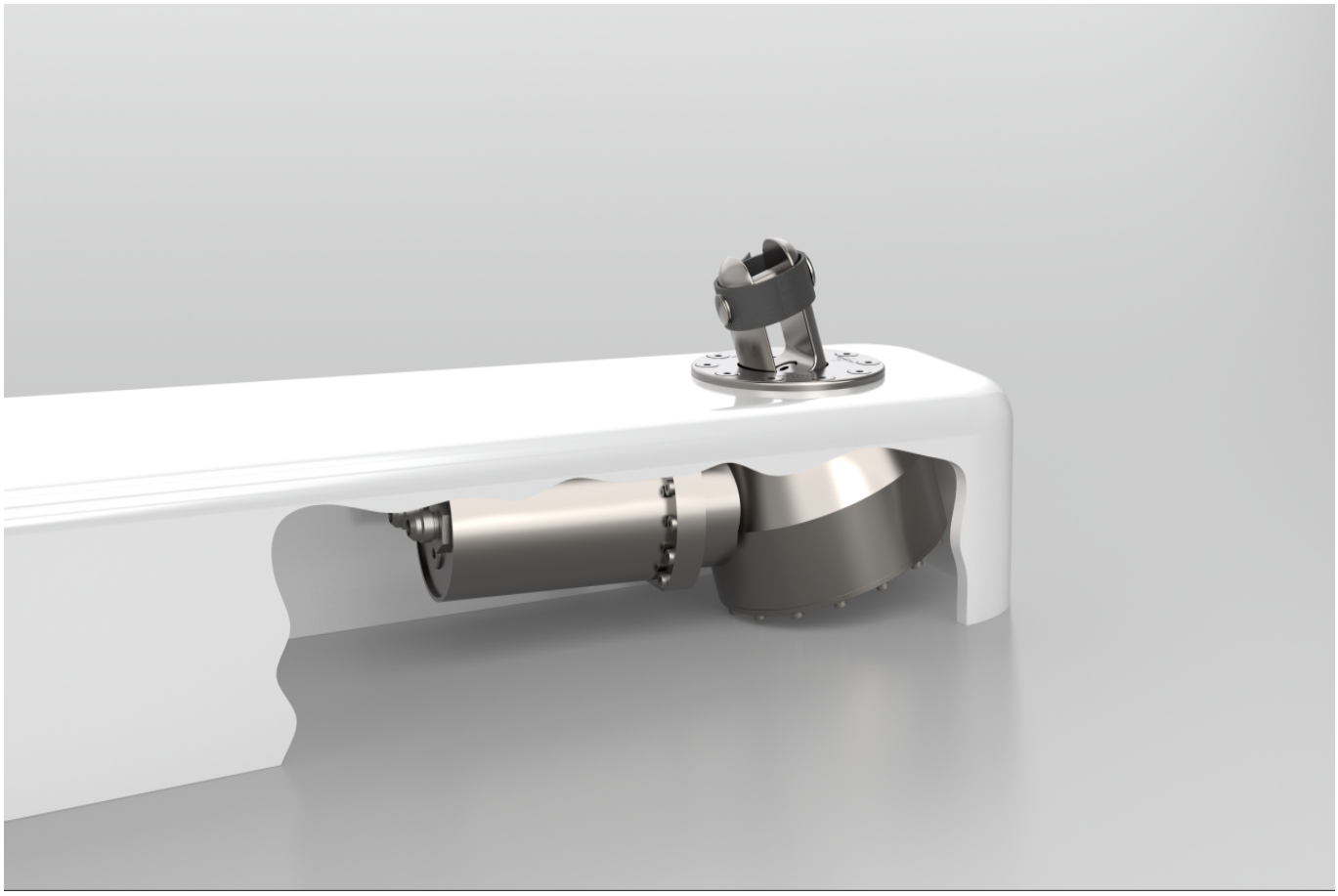
Custom Connections

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

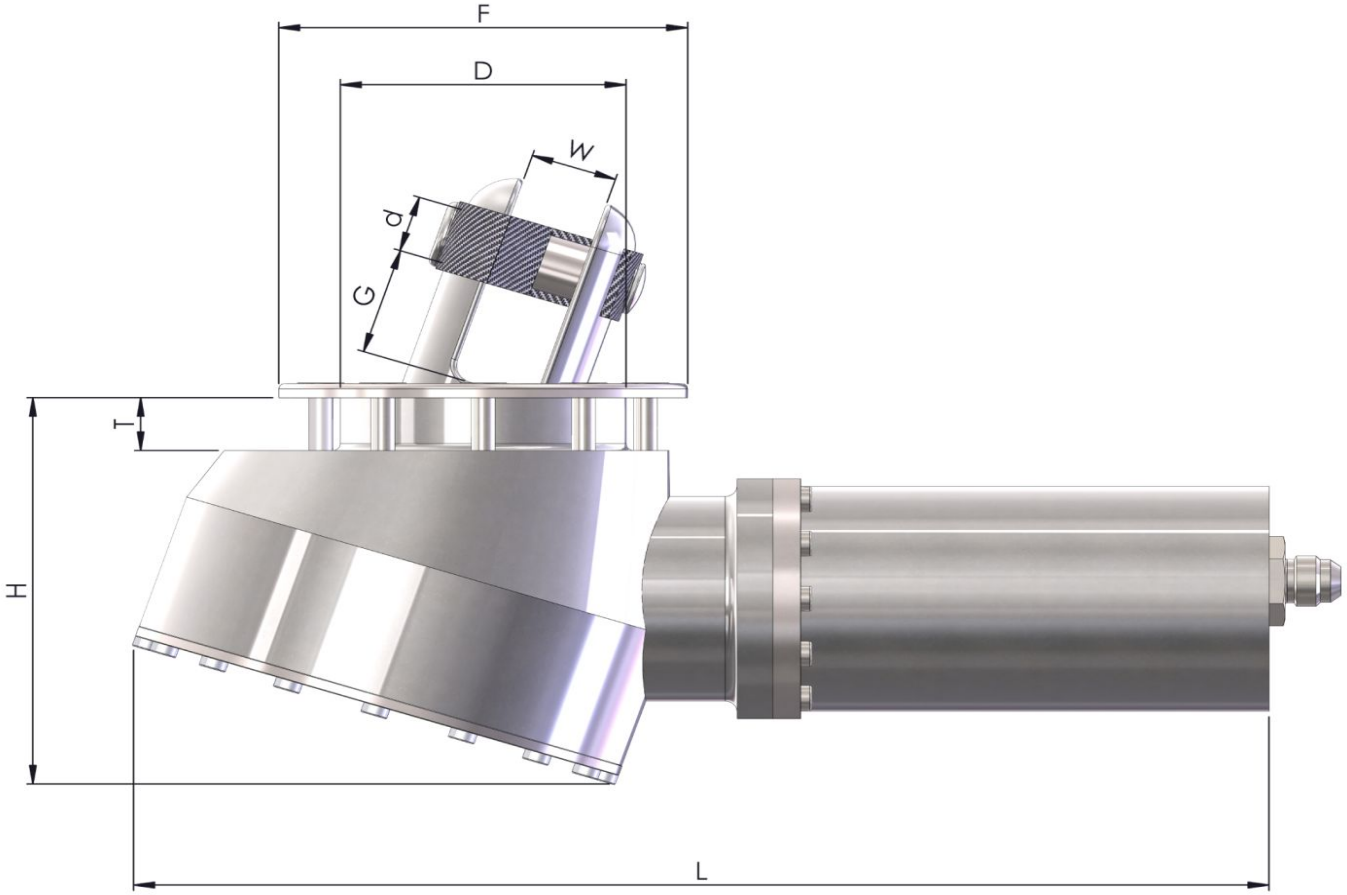


Top down furling up to swl=5t

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_32K with 72 degree angle



Dimensions CZ with 72 degree angle – see table for more information