



Part of BOS Power

ECOFLOW PROPULSION

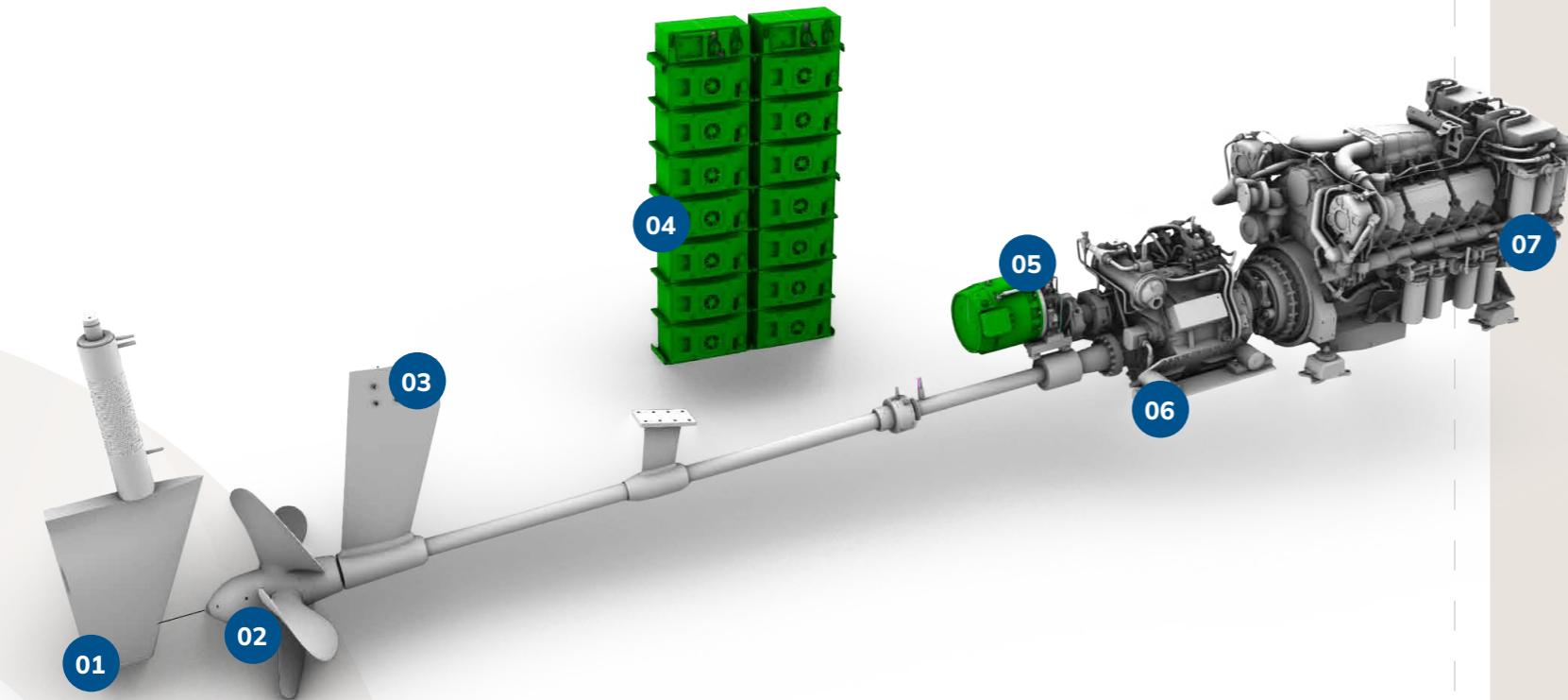
Hybrid & Electric



ECOFLOW PROPULSION

- INCREASED BOLLARD PULL/PUSH
- EXTENDED RANGE

- REDUCED EMISSIONS
- HYBRID READY



01 Our effect rudder is designed as an airfoil, providing a lift in the water flow, which again produces a forward thrust.

02 Servogear propeller blades are ideal for vessels operating under varying load and speed conditions. Pitch actuation is performed through a mechanical connection from the propeller blades to a hydraulic actuation system inside the gearbox. This is a simple and robust solution, which requires minimal maintenance work.

03 Due to design and position, the shaft brackets in our Ecoflow system causes minimum drag and resistance. They also ensure no cavitation and improved steering performance.

04 Our Ecoflow system is set up to work with a number of battery systems.

05 Various types and sizes of el-motors can be connected to our gearboxes.

06 We supply reduction gearboxes as an integrated part of our Ecoflow system. Our special gearbox design offers advantages and possibilities, especially if space is a limitation.

07 Our system is applicable with main engines from all major suppliers of such.



FJORDØY

Owner/Yard: Norled / GS Marine
Designer: Ingebjørn Aasheim/GS Marine
Speed: 25 kts
Propulsion: Servogear HDE 220 H
In operation: Since 2019 as diesel
From 2022 as fully electric



FJORDGYN

Owner/Yard: Norled / Oma Båtbyggeri
Designer: Oma Båtbyggeri
Speed: 35 kts
Propulsion: Servogear HD 295 PTI Hybrid
In operation: From 2022



BRIM

Owner/Yard: Brim Explorer / Maritime Partner
Designer: Hareide Design Mill / Wave Propulsion
Speed: 17 kts
Propulsion: Servogear HDE 220 Hybrid
In operation: Since 2019



HST ELLA

Owner/Yard: High Speed Transfers / Diverse Marine
Designer: Chartwell Design
Speed: 28 kts
Propulsion: Servogear HD 295 PTI Hybrid
In operation: Since 2021



RYGERELEKTRA

Owner/Yard: Rødne / Brødrene Aa
Designer: Paradis Nautica AS
Speed: 19,9 kts
Propulsion: Servogear HD 220 H
Fully electric
In operation: Since 2020



FUTURE OF THE FJORDS

Owner/Yard: The Fjords / Brødrene Aa
Designer: Paradis Nautica AS
Speed: 19,9 kts
Propulsion: Servogear HD 220 H
Fully electric
In operation: Since 2018



MEDSTRAUM

Owner/Yard: Kolumbus / Fjellstrand AS
Designer: Fjellstrand / Fraunhofer
Speed: 23 kts
Propulsion: Servogear HDE 220 H
Fully electric
In operation: From 2022



DAGNINGEN

Owner/Yard: Oma / Norled
Designer: Oma
Speed: 28 kts
Propulsion: ZF 3310NR
Fully electric
In operation: 2024



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