



Part of BOS Power

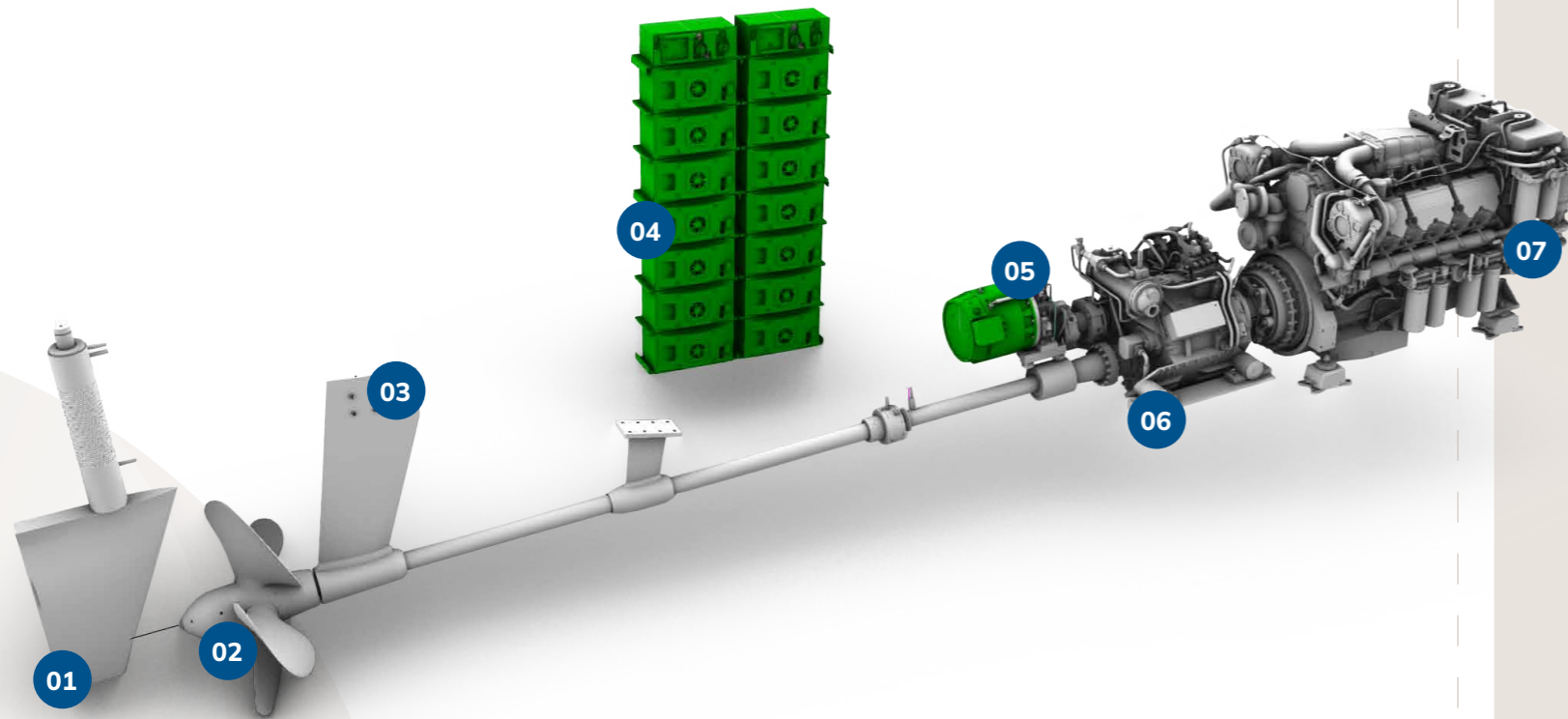
ECOFLOW PROPULSION

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 Tranfers / 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



MEDSTRÅUM

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



Part of BOS Power

MAIN OFFICE

T: +47 53 42 39 50

24/7 service: +47 40 40 13 85

sales@servogear.no

More than 1900 installations worldwide.

Search in our reference database at servogear.com

