

REACTOR™ 40 SAIL COREPACK WITH SMARTDRIVE™

SAILBOAT AUTOPILOT



PRODUCT OVERVIEW

Hold your line and sail with ease with the Reactor 40 Sail Corepack with SmartDrive actuator — the first sailboat autopilot system to use a brushless linear actuator with built-in ECU. Enjoy premium autopilot performance with up to 1,050 lbs of maximum thrust and dedicated sailing features, including adjustable tack and gybe speed, auto response and improved upwind hold. The built-in contactless rudder position sensor delivers superior reliability from fewer moving parts and minimal mechanical wear. Pair with the GHC™ 50 instrument for intuitive autopilot control on a touchscreen display.



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KEY FEATURES

FITS YOUR VESSEL

The brushless linear actuator is suitable for a wide range of sailboats and catamarans (up to 45'/maximum 33,000 lbs displacement).



SMARTDRIVE ACTUATOR

This product is the first sailboat autopilot to use a brushless DC motor with built-in ECU to provide superior performance and simplified installation.



SOLID-STATE 9-AXIS AHRS

You can mount the Reactor 40 CCU nearly anywhere, in any orientation.



WATER CONDITION REACTIONS

This autopilot reacts to sea conditions so you can sail with confidence — when pitching or rolling.



CALIBRATE WITH EASE

Reactor 40 makes commissioning and calibrating quick and easy.



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PHYSICAL SPECIFICATIONS

SMARTDRIVE AUTOPILOT ACTUATOR	
Drive unit type	Mechanical linear
Maximum boat displacement	33,000 lbs (15,000 kg)
Stroke length	12" (300 mm)
Maximum thrust (adjustable software setting)	High: 1,050 lbs (476 kg) Medium: 600 lbs (272 kg) Low: 400 lbs (181 kg)
Dimensions, including base, mid-stroke (WxHxD)	4.5" x 7.75" x 27.6" (114 x 197 x 700 mm)
Weight	19.8 lbs (9 kg)
Supply voltage	10 to 32 VDC
Average typical current at 12 volts	0.8 to 5 A, depending on conditions
Peak momentary current	25 amps
Lock-to-lock time	11 seconds
Operating temperature	-20 C to 55 C (-4 F to 131 F)
Water ingress	IPX7