Technical Specifications RSE10 Fin Stabilizer

Electrical requirements

Power supply	230 VAC / 50 Hz
Max. power consumption (per unit)	Underway : 1000 W | Zero Speed : 1500 W
Average power consumption (per unit)	Underway : 600 W | Zero Speed : 1000 W
Peak consumption (+/- 0,5 sec)	Underway : 8 Amp | Zero Speed : 19 Amp
Protection	Underway : C16 (one unit) | C32 (two units) Zero Speed : C16 (one unit) | C40 (two units)
Inverter recommendation *Generator recommended for extended Zero Speed operation*	Victron Phoenix 3000 Va (one unit) | 5000 Va (two units)

Mechanical requirements *Structure reinforcement to withstand dynamic loads of at least 9000 Nm*

Steel & Aluminium hulls	Box shaped reinforcement
GRP & Wooden hulls	(Wooden) reinforcement laminated to hull & frame Through hull bushing installed with stainless steel 316 doubler plates an hollex filler (or equivalent)

Stabilizer placement

Stabilizer units	Midships
Control box	Flexible installation location (dry and accessible), horizontal or vertical placement possible
Display	Installed near the main helm or other preferred control position

Construction

Welding bushing	Steel S355J2H / Aluminium 4.5 Mn (AlMg)
Mainshaft	Hardened stainless steel 17- 4 PH
Finblade	Outer shell : stainless steel 316 | Inner structure : steel UW Finblade : 17- 4 PH shaft welded into fin blade ZS Fin blade fitted with a stainless steel cone
Bearings shaft	Maintenance free roller bearings
Seals	Multiple seals / O-rings
Gear wheel	30CrNiMo8
Gear housing	Machined aluminium

ROTORSWING
YACHT STABILITY CONTROL

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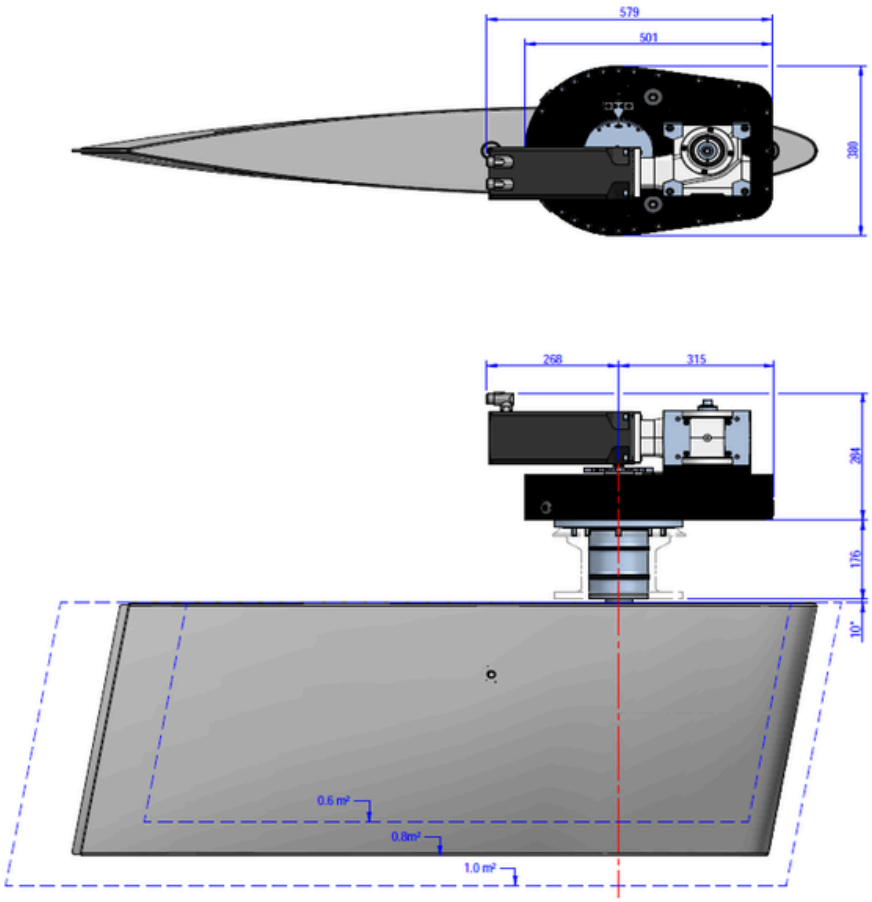
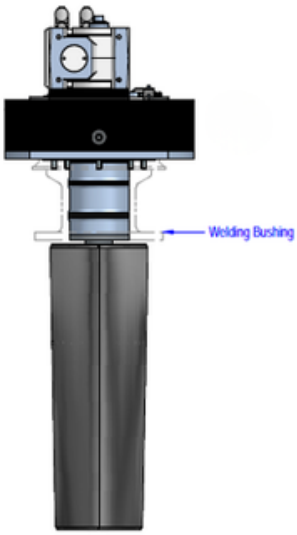
Technical Specifications RSE10 Fin Stabilizer

At Cruise Speed & At Zero Speed







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