TECHNICAL DATA 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 :** 19Amp
Protection:	**Underway :** **C 16 (one unit)** **C 32 (two units)** **Zero Speed :** C 16 (one unit) C 40 (two units) C 40 (two units)
Inverter recommendation:	Victron Phoenix 3000 Va (one unit)
Generator use for longer periods for ZS mode mandatory:	Victron Phoenix 5000 Va (two units)

Mechanical requirements

Reinforcement:	**Steel & Aluminium hull :** box shaped Reinforcement
	GRP & Wooden hull : (wooden) Reinforcement laminated to hull & frame. Trough hull bushing installed with stainless steel 316 doubler plates an hollex filler (or equivalent)

Placement

Stabilizer units:	Midships
Control box:	Close to stabilizer units, horizontal or Vertical placement possible.
Display:	Near main helm / ships controls

Construction

Welding Bushing:	Steel S355J2H AlMg 4,5 Mn (Aluminium)
Mainshaft:	Hardened Stainless steel 17/4 PH
Finblade:	Outside Stainless steel 316 / inside steel **UW finblade** Shaft 17/4 welded in fin **ZS finblade** with SST cone Fin with SST cone
Bearings:	**Shaft :** maintenance free roller bearings
Seals:	Multiple seals / O-rings
Gear Wheel:	30CrNiMo08
Gear housing:	Machined aluminium

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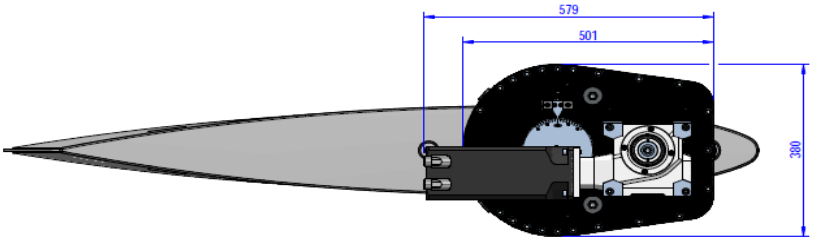
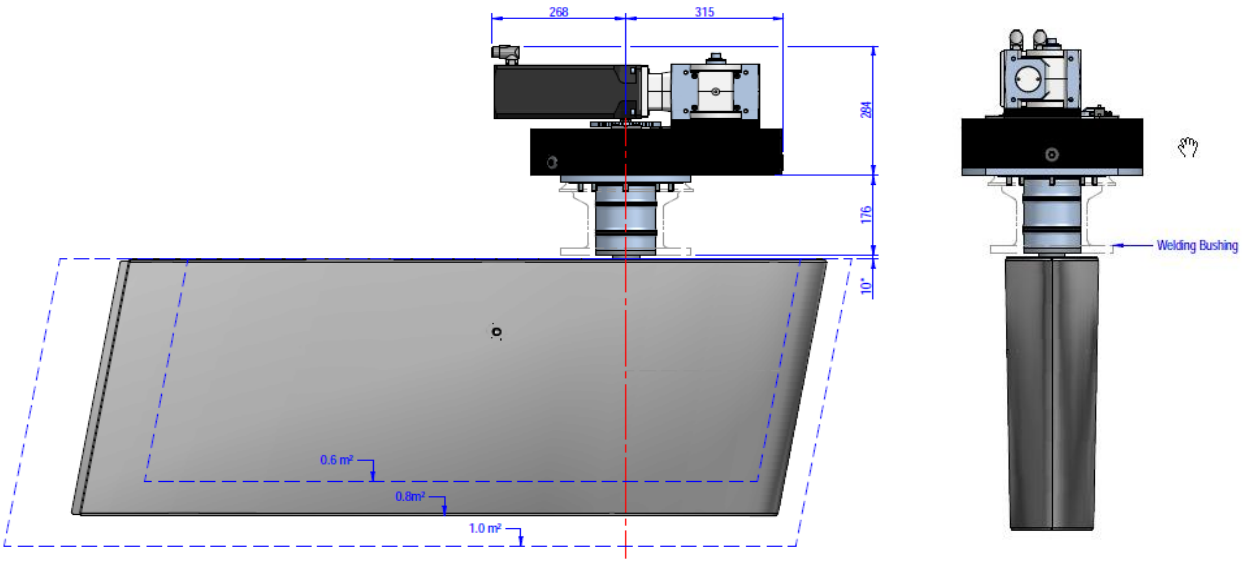
TECHNICAL DATA FIN STABILIZER





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