

T550S AUV

Rated power: 950 W

Forward thrust: 18 kg

Backward thrust: 10 kg



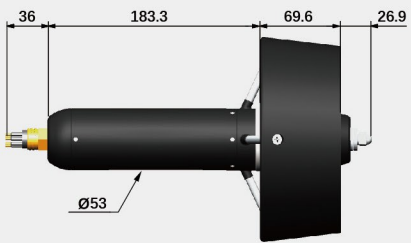
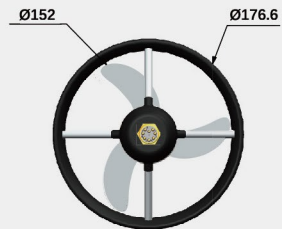
Technical parameters

Rated speed	1900r/min	Sealing form	Leakless,magneically coupled
Rated voltage	48VDC/60VDC/72VDC/100VDC/120VDC 160VDC/260VDC/300VDC 325-CA1978	Depth rating	0-850/0-1500/0-3000/0-6000/Full ocean depth, Service depth>1500m,Oil filled seal
Housing	Aluminum alloy / Titanium alloy	Electronics	Built in (0-1500m) / External
Rotation direction	Left-handed / Right-handed rotation	Signal power	12VDC(±5%),≤250mA
Material of propeller	Stainless steel	Nozzle	Black
Temperature	Storage temperature: -40~70℃, Service temperature: -5~40℃	Control mode/ Speed feedback	Analog voltage (pulse feedback/analog voltage feedback) / PPM / RS485 / CAN

Common models

Propeller external dimensions

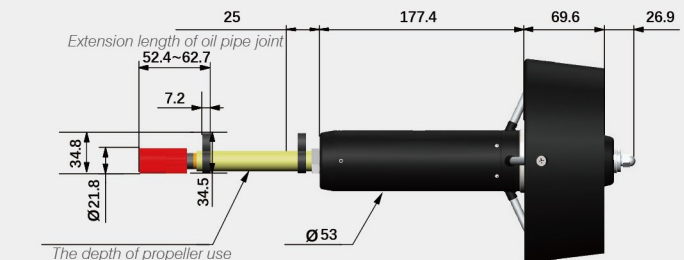
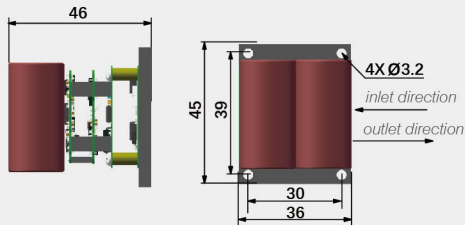
Unit: mm



Working water depth: 0-850m

Driver external dimensions

Unit: mm



Working water depth: 0-3000m

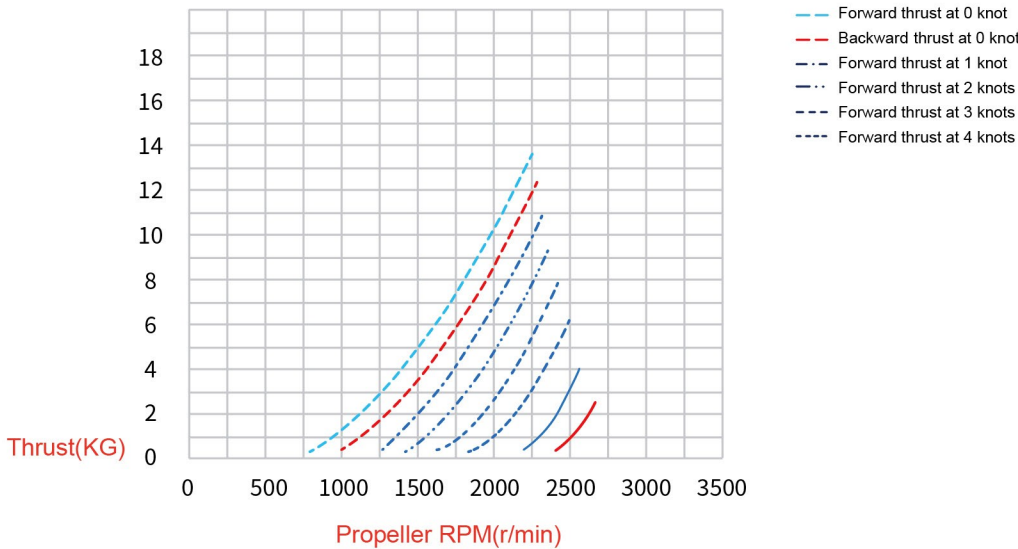
Parameters for model selection

Working water depth	External dimensions (mm)	Length (mm)	weight in the air (kg)	Underwater weight (kg)	Connector model	Optional voltage level
0-850 & 0-1500	φ177	265~316	2.0~2.8	1.4~2.1	MCBH8M	48~300VDC
0-3000 & 0-6000	φ177	260~299	2.3~3.1	1.6~2.3	MCPBOF8M	Outer diameter of oil pipe3/4" oil pipe outer diameter3"
Full ocean depth	φ177	260~299	2.3~3.1	1.6~2.3	PBOF8M	

Note: The weight change of oil-filled compensation products is affected by the length of the oil pipe. For details, please consult technical personnel.

Thrust curve

Thrust vs Propeller RPM table1



Thrust vs Input power table 2

