

T1050 AUV

Rated power: 1.5 kW
Forward thrust: 27 kg
Backward thrust: /



Technical parameters

Rated speed	1400r/min	Sealing form	Leakless,magneically coupled
Rated voltage	72VDC/100VDC/120VDC/150VDC/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%)
Material of propeller	Stainless steel	Nozzle	/
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	φ203	294~356	5.0~6.5	3.8~5.1	MCBH8M	72~300VDC
0-3000 & 0-6000	φ203	294~356	5.8~7.3	3.8~5.2	MCPBOF8M	Outer diameter of oil pipe3/4" oil pipe outer diameter3"
Full ocean depth	φ203	294~356	5.8~7.3	3.8~5.2	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

