

T1090 AUV

Rated power: 3.5 kW

Forward thrust: 80 kg

Backward thrust: 40 kg

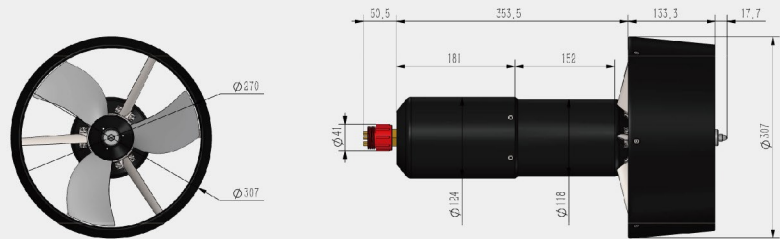


Technical parameters

Rated speed	1150r/min	Sealing form	Leakless,magneically coupled
Rated voltage	48VDC/60VDC/72VDC/100VDC/120VDC 160VDC/200VDC/250VDC/300VDC	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

Propeller external dimensions

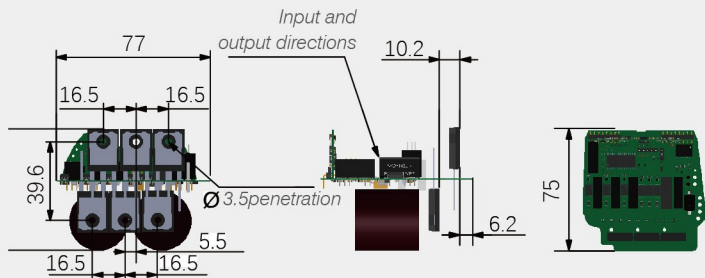
Unit: mm



Working water depth: 0-1500m

Driver external dimensions

Unit: mm



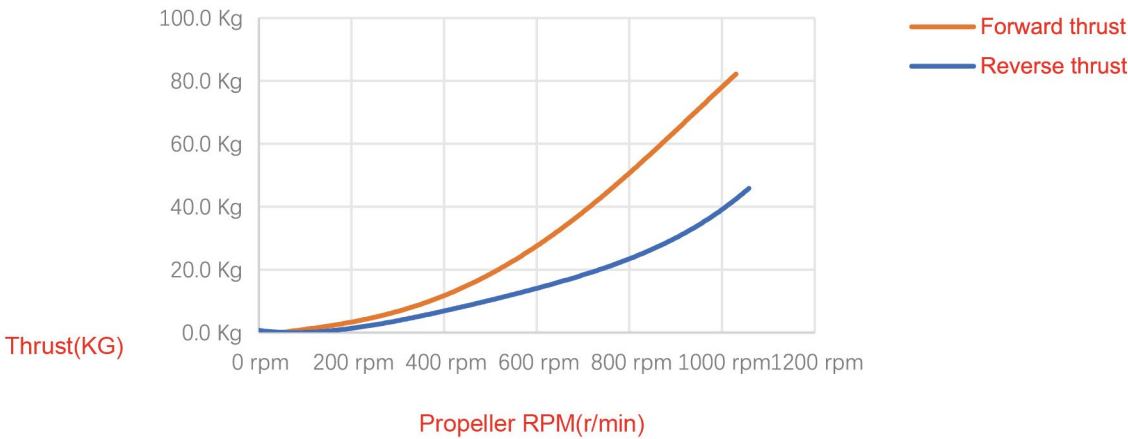
Parameters for model selection

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	φ307	491	1.6	/	BH12M	110~300VDC

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

Speed thrust curve table1



Power thrust curve table 2

