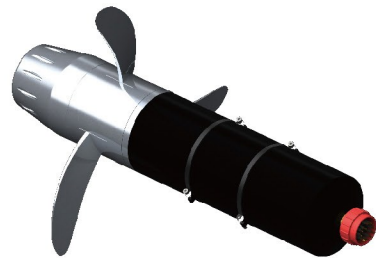


T8050 AUV

Rated power: 14 kW

Forward thrust: 240 kg

Backward thrust: 98 kg

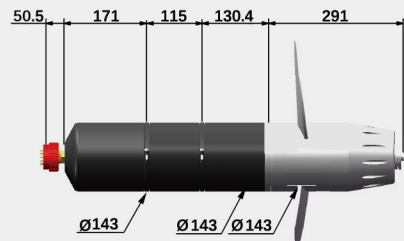
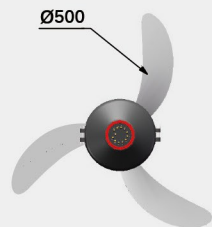


Technical parameters

Rated speed	750r/min	Sealing form	Leakless,magneically coupled
Rated voltage	300vdc 325-CAI978	Depth rating	0-850/0-1500/0-3000/0-6000/Full ocean depth,Service depth>850m,Oil filled seal
Housing	Aluminum alloy / Titanium alloy	Electronics	Built in (0-1500m) / External
Rotation direction	Left-handed / Right-handed rotation	Signal power	/
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

Propeller external dimensions

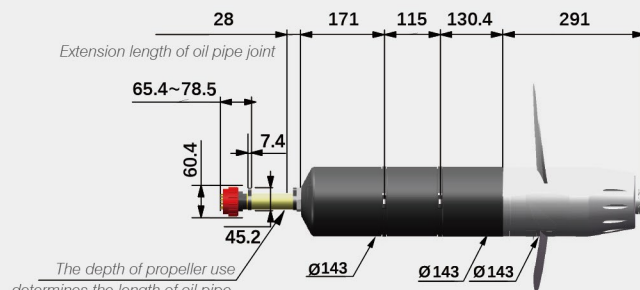
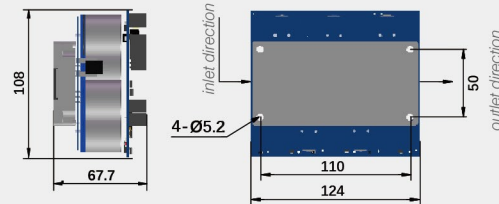
Unit: mm



Working water depth: 0-850m

Driver external dimensions

Unit: mm



The depth of propeller use determines the length of oil pipe.

Working water depth: 0-3000m

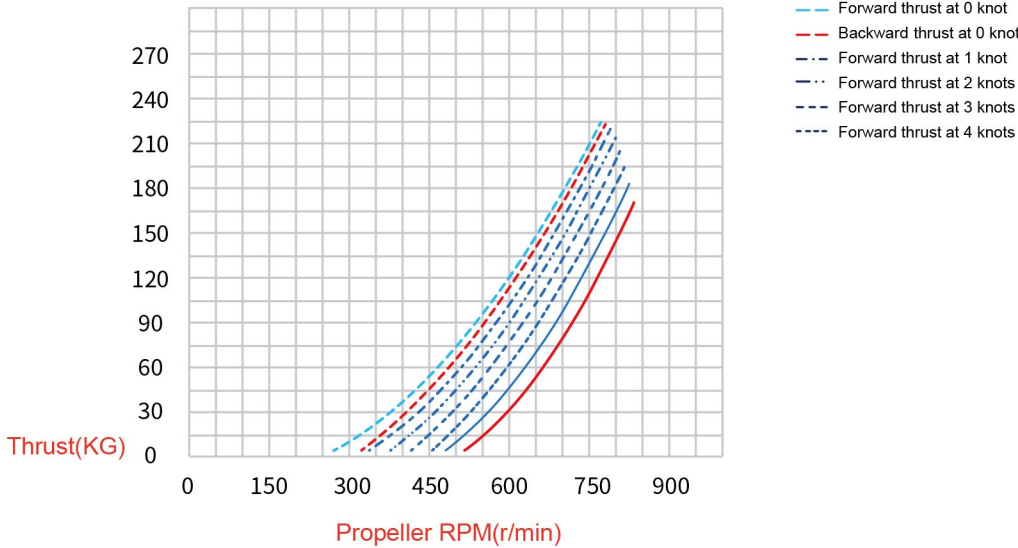
Parameters for model selection

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	φ500	629~758	30.9~36.7	24.2~28.2	BH12M	300VDC
0-3000 & 0-6000	φ500	736	36.2~39.2	25.3~28.3	PBOF12M	Outer diameter of oil pipe3/4" oil pipe outer diameter3"
Full ocean depth	φ500	600	32.9~35.5	24.3~26.9	PBOF16M	

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 table 1



Thrust vs Input power table 2

