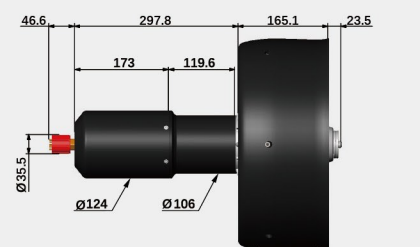
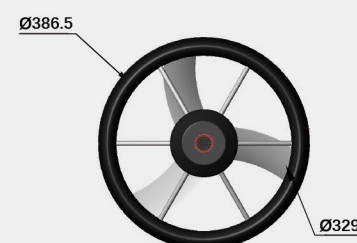


Backward thrust: 60 kg



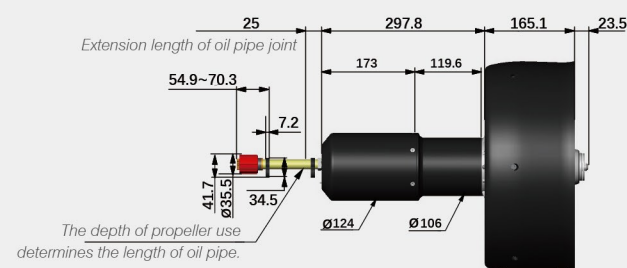
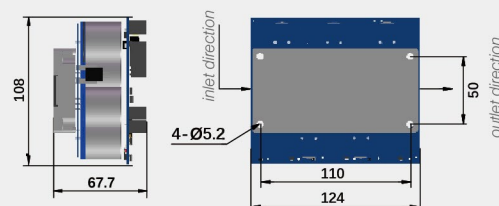
Rated speed	900r/min	Sealing form	Leakless,magneically coupled
Rated voltage	260VDC/300VDC/330VDC 325-CAI978	Depth rating	0-850/0-1500/0-3000/0-6000/Full ocean depth, Service depth>850m,Oil filled seal
Housing	Aluminum alloy / Titanium alloy	Electronics	Built in (0-1500m) / External
Rotation direction	Left-handed / Right-handed rotation	Signal power	/
Material of propeller	Stainless steel	Nozzle	Black
Temperature	Storage temperature: -40~70℃, Service temperature: -5~40℃	Control mode/ Speed feedback	Analog voltage (pulse feedback/analog voltage feedback) / PPM / RS485 / CAN

Unit: mm



Working water depth: 0-850m

Unit: mm



Working water depth: 0-3000m

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	φ386.5	422~533	16.4~19.8	9.3~11.1	MCBH12M	260~300VDC
0-3000 & 0-6000	φ386.5	390.4	17.8~18.6	10~10.8	PBOF12M	Outer diameter of oil pipe3/4" oil pipe outer diameter3"
Full ocean depth	φ386.5	390.4	17.8~18.6	10~10.8	PBOF8M	

Thrust curve

The graph displays the relationship between Propeller RPM (r/min) on the x-axis and Thrust (KG) on the y-axis. The x-axis ranges from 0 to 1800 with major grid lines every 300 units. The y-axis ranges from 0 to 135 with major grid lines every 15 units. The legend indicates the following data series:

- Forward thrust at 0 knot (Cyan dashed line)
- Backward thrust at 0 knot (Red dashed line)
- Forward thrust at 1 knot (Dark blue dashed line)
- Forward thrust at 2 knots (Dark blue dotted line)
- Forward thrust at 3 knots (Dark blue dashed line)
- Forward thrust at 4 knots (Dark blue dashed line)

Key observations from the graph:

- Thrust increases with Propeller RPM for all conditions.
- Thrust decreases as forward speed increases (from 0 to 4 knots).
- Backward thrust at 0 knots is the highest thrust condition shown.
- Forward thrust at 0 knots is the lowest thrust condition shown.

Figure 10 is a line graph showing Thrust (KG) on the Y-axis (ranging from 0 to 135) versus Power (W) on the X-axis (ranging from 0 to 7200). The graph displays several curves representing different thrust settings (Forward thrust at 0 knot, Backward thrust at 0 knot, Forward thrust at 1 knot, Forward thrust at 2 knots, Forward thrust at 3 knots, Forward thrust at 4 knots). The curves show that thrust increases with power, and backward thrust is generally higher than forward thrust for the same power and speed.

Power (W)	Forward thrust at 0 knot	Backward thrust at 0 knot	Forward thrust at 1 knot	Forward thrust at 2 knots	Forward thrust at 3 knots	Forward thrust at 4 knots
0	0	0	0	0	0	0
1200	10	15	5	3	2	1
2400	20	30	10	6	4	2
3600	30	45	15	9	6	3
4800	40	60	20	12	8	4
6000	50	75	25	15	10	5
7200	60	90	30	18	12	6



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