

100mm Thruster

Benefits

- Reliable
 - Sensorless control
 - Single rotating part
 - Single cable
 - Centre bearing
- Highly integrated
- Very compact
- No inherent depth limitation
- Quiet, efficient electric drive

Performance

- 45N @ 250W continuous
- 28VDC supply
- Bi-directional - same high thrust in both directions



This IntegratedThruster™ features a propeller design, optimised by state-of-the-art computational fluid dynamics to achieve equal bi-directional high thrust with low power usage.

Quiet, electric rim drive is integrated into the duct of the thruster, making a compact single-rotating part low-maintenance design with no gearbox, coupling or space-consuming in-line motor.

Sensorless control means no need for hall effect or other shaft position sensors and only a single power cable, with a great improvement in reliability.

Our technology is designed with no inherent depth limitation, whether you want to propel a surface vehicle or visit the deepest depths of the ocean.

Our sensorless controllers are an ideal match.

Ordering Information PA-THR-0026

Dimensions 140mm external diameter x 139.5mm length.
2.27kg in air, 1.37kg in water.
100mm propeller diameter.

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