## 100mm Thruster

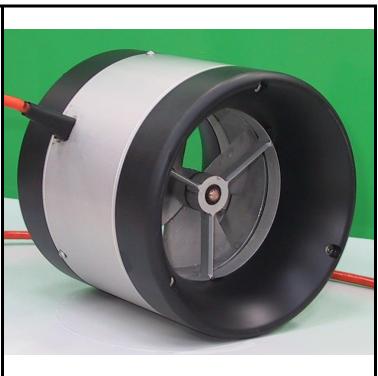


## **Benefits**

- Reliable
  - Sensorless control
    - Single rotating part
    - o Singe cable
    - o 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 PA-THR-0026 Information

140mm external diameter x 139.5mm length.

**Dimensions** 2.27kg in air, 1.37kg in water.

100mm propeller diameter.

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