

# 380mm Thruster

The PSSL 380mm thruster is used on several PSS ROVs, typically on the laterals of 75kW systems.

The design is robust and proven. The drive motor is axial piston type and drives the main shaft, which is set in robust bearings. The propeller and the motor supports are in aluminum and the duct is in plastic.

Unlike many suppliers, every PSS thruster is individually performance tested in our tank facility and the figures quoted are actual not theoretical.

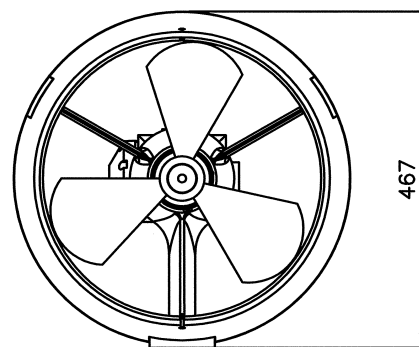
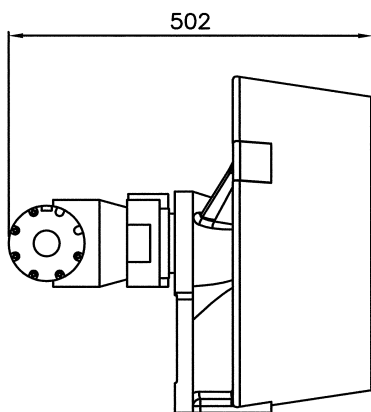
The thruster is available in either variable displacement (swash) control or as fixed displacement.

## Features

- ISO 13628-8 Class 1 and 2
- Paddle/T-Bar Interface
- 120 ft lbs/160Nm
- Torque Feedback



## Details



## Specifications

Max Thrust:	310 kgf Forward / 200 kgf Reverse
Operating Pressure:	230 bar
Maximum Flow:	32 lpm
Motor Displacement:	33 cc
Weight in air/water:	31 / 11 kg

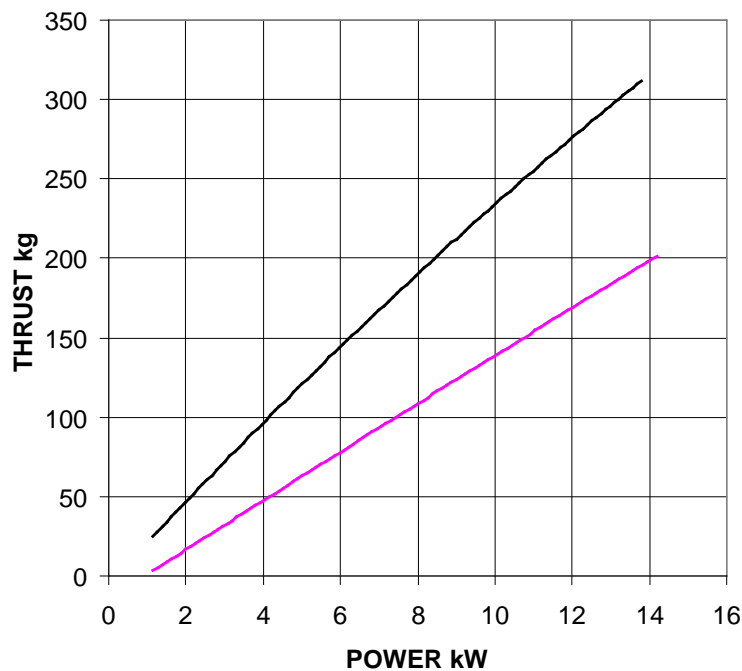
Effective thruster performance from the submersible ROV requires full consideration of available flows, pressures, configuration and the hydraulic control system. PSS engineering team is available to advise the most effective combination for each application

Data Sheet: A001-350-030 issue 6

## Options

- Fixed Displacement Control
- Variable Displacement (Swash) Control with Integrated Position Sensor
- Aluminum Motor Body for Reduced Weight

**Thrust vs Power**  
**15" Standard Power-33 cc Swash Control**



The specification details are illustrative for marketing purposes only. Actual equipment may be different as a result of product improvement or other reasons. Specific interface and performance information should be reconfirmed at time of order placement.