

300mm Thruster

The PSSL 300mm thruster is used on several PSS ROVs, typically on 55kW systems or the verticals on 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.

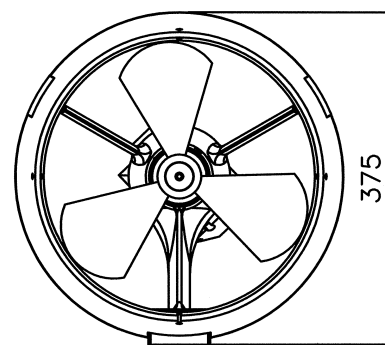
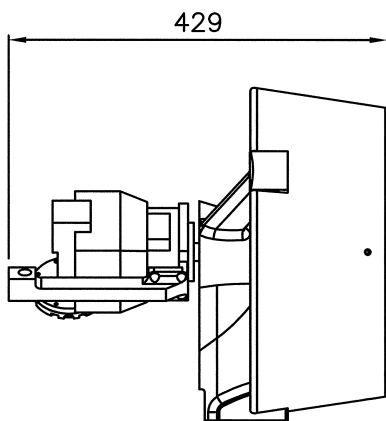
The thruster is available in either variable displacement (swash) control or as fixed displacement.

Features

- Proven Design
- Every Unit Performance Tested
- Fixed Displacement or Variable Displacement Control Available



Details



Specifications		Options
Max Thrust:	190 kgf Forward / 106 kgf Reverse	<ul style="list-style-type: none"> ■ Fixed Displacement Control ■ Variable Displacement (Swash) Control with Integrated Position Sensor
Operating Pressure:	230 bar	
Maximum Flow:	27 lpm	
Motor Displacement:	11.5 cc	
Weight in air/water:	16 / 9 kg	
<p>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</p>		
<small>Data Sheet: A001-350-019 issue 5</small>		

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.

