

DATA SHEET – HPU 006

HYDRAULIC POWER UNIT

Overview

Pressure Dynamics HPU006 is a cleverly designed, compact offshore power unit. Fully enclosed and offshore lift rated, this unit is ideal for valve functioning or flushing of systems.

Featuring an electric drive motor 7.5kW 1440rpm 415VAC 50Hz coupled with a Triplex 50cc/rev CAT1010 pump and Manual controls.

Build Specification

Gross Weight	472 kg
Dimensions	L:1.20m, W:1.71m, H:0.79m

Component Information

Motor

- 7.5kW electric drive motor
- 1440rpm 415VAC 50Hz

Pump

- Triplex 50cc/rev CAT1010
- Manual control valve.

Operating Specifications

Fluid Types	Water Glycol
Power Input	Electrical, 5m 32A 3Ø
Tank Data	Stainless steel 200L
Pump 1 Pressure	50 bar
Pump 1 Flow	0 – 48 L / min



ABOUT PRESSURE DYNAMICS

Pressure Dynamics is an engineering and services contractor specialising in hydraulic and lifting solutions.

Our team of highly skilled project managers, engineers and technicians are committed to collaborating with our clients in providing innovative, quality-assured services and products that deliver superior function, reliability and safety.

When we deliver, we focus on:



RELIABILITY

Optimising equipment and system performance - to maximise your ROI.



PRODUCTIVITY

Maximising operational reliability of assets and equipment safely and cost-effectively.



INNOVATIVE SOLUTIONS

Developing creative, fit-for-purpose solutions to meet our client's true needs and objectives.



RISK MANAGEMENT

Delivering and maintaining quality, cost-effective and safe equipment and assets while mitigating risk.



MUTUAL SUSTAINABILITY

Delivering skill, knowledge and understanding through our documentation, user-intuitive products and training services.

Market sectors we operate in:



Oil & Gas



Mining



Marine



Defence



Infrastructure



Power & Utilities

Our location network



Abu Dhabi, UAE
Ghana, W Africa

