

40kW Zone 1 HPU

Hydraulic Power Unit



APPLICATION

Prior Power Solutions' self-contained electric 40kW Hydraulic Power Unit is designed for optimum running efficiency and suitable for various hydraulic power applications.

Compact, lightweight and certified for use in hazardous areas.

Utilising a high quality Exd electric motor, and high efficiency power limiting variable displacement piston pump, the HPU is optimised to produce the following hydraulic duty points:

- 140 LPM @ 145 Bar (60Hz Operation)
- 50 LPM @ 320 Bar (60Hz Operation)

The unit is also equipped with a stainless steel hydraulic tank and hydraulic filtration for optimum fluid cleanliness and long service life.

The HPU is housed in a DNV 2.7-1 certified, single open skid frame with fork lift pockets, bunding, integrated cable management and a certified four point lift system.

10m deck lead & ATEX 4-pin plug included.

The paint specification and RAL number can be tailored to your individual requirements.

Features

- Open Frame Construction
- Certified to ATEX 2014/34/EU
- 37kW/43kW (50/60Hz) High Efficiency Motor
- Exd Star Delta Type Starter
- High Efficiency Piston Type Pump
- Automatic Power Limiting Pump Control
- Inline Flow Turbine c/w Remote Display
- Manual Pump Unload Valve for Safe Startup
- Suction, Pressure & Return Filtration
- Supply & Return Line Pressure Gauges
- Over-Pressure Relief Valve
- High Oil Temp & Low Oil Level Shutdowns
- On-board Cooling
- High Quality Electrics

Approvals

- DNV 2.7-1
- ATEX Zone 1
- CE Marked

Approx. Unit Weight / Dimensions

- Length : 1,650 mm
- Width : 1,100 mm
- Height : 1,878 mm
- Weight : 1,900 kg

