HYDRAULIC POWER UNIT

COMPACT DESIGN 30/34.5 KW DNV 2.7-1 ATEX ZONE II



Description

The Envirent 30/34.5kW HPU is designed for High Flow applications both Offshore and Onshore.

The unit is intended for on-deck use and testing at the SIT, flushing and function testing.

The HPU feature a compact design which is DNV 2.7-1 certified and ATEX Zone II approved. Multi voltage selection, 400 - 690V, make the HPU very adaptable to meet the client' needs.

Typical Operations

- Topside Tooling applications
- Hose Reel Operations
- Deck Testing
- Function Testing
- Flushing

Features

- ATEX Zone II approved
- Integrated Forklift Pocket
- Compact Design
- Service & User Friendly
- Integrated Oil Cooler
- Easy Connection Interface

■ 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. Envirent AS, Robotvegen 16, 4340 Bryne, +47 477 77 500 post@envirent.no



SPECIFICATIONS

HPU 30/34.5kW

General Technical Specification

Туре Part number Lifting Certification Fluid * Please contact us for questions or more information regarding fluid compatibility

Weiaht Dimensions (L x W x H) [mm]

Operating Temperature

Hydraulic Specifications

Max. Output Pressure Max. Output Flow Pump Type Return Filter Element Return Filter Housing **Reservoir Capacity** Oil Level Indicator Oil Level Guard Temperature Guard Oil Cooler Pressure Gauge

Hydraulic Connections

Pressure Leak Line Return Load Sense Cooler inlet/outlet

Electrical data

Electrical Motor

Start Cabinet Power Cable Power Socket

- HPU 30/34.5kW _
- HPU-MN-30/34.5KW _
- Acc. to DNV 2.7-1 _
- Mineral Oil Based Fluids
- 1700 kg _
- 1500 x 1000 x 1850 _
- -10°C/ + 60°C (14°F / 122°F)
- 350 Bar _
- 230 l/min @ 60 Hz / 180 l/min @ 50 Hz
- Volvo V30-128 RK P1 (Variable adjustable w/press reg) _
- I-0036-MF 400.3.A03.H.BP01
- I-0022-MPF 400.3.A.G3.A03.H.BP01
- _ 500L
- Yes, visual _
- Yes _
- Yes _
- I-0080-Bowman Oil Cooler (for Seawater) _
- Yes
- ³⁄4" Tema 1⁄2" Tema
- 1" Tema _
- 1/4" BSP (M)
- 1" Offshore Claw Coupling
- Type: ATB, IP56, BD200M-4, EEx de, ATEX, 400-690V, _ 50/60 Hz, 55 Amp
- Serial No: 451411-001 _
- 400V (D), 30 kW, 1460 rpm, 53 A, 50 Hz _
- 690V (Y), 30 kW, 1460 rpm, 31 A, 50 Hz
- 440-480V (D), 34,5 kW, 1750 rpm, 55-51 A, 60 Hz _
- 660-690V (Y), 30 kW, 1475 rpm, 33-30 A, 60 Hz _
- 400V (D), 30 kW, 1760 rpm, 52 A, 60 Hz
- EEx de IIC T6 _
- 35 meters
- Available on request.

