

HYDRAULIC POWER UNIT

275 KW
DNV 2.7.1
NONE ATEX



Description

The Envirent 275 kW HPU is designed for high flow applications both offshore and onshore. The unit is intended for deck test use at the safety zone, flushing and function testing.

The HPU is only approved for use in Safety Zone and the HPU is built in offshore container according to DNV 2.7.1. The HPU is driven by a Cummins NT855 diesel motor and is equipped with a 600L fuel tank.

With a pressure of 350 Bar and flow rate of 950 L/min, the HPU is suitable for a wide range of task requiring high power.

Typical Operations

- Function Testing
- Deck Testing
- Flushing Operations

Features

- For usage in Safety Zone
- Variable pressure compensated pumps with LS and power limiter
- Constant pressure or load-sense system selectable
- Air oil cooler
- 10-200 my filtration
- Built in offshore container according to DNV 2.7.1

SPECIFICATIONS

HYDRAULIC POWER UNIT 275 KW

General Technical Specifications

Type	Hydraulic Power Unit 275 kW
Part Number	4697
Dimensions L x W x H	4874 mm x 2436 mm x 2740 mm
Weight in air	11,2 Tonn
Capacity	275 kW

Hydraulic

Max Output Pressure	350 Bar
Flow @ 1800 rpm	950 L/min

Diesel Motor	Cummins NT855
Bunkers Pump	Yes
Oil Cooler	Air

Connection Main Pressure	2 x 1 1/4" FM Snap-tite 71
Connection Return	2 x 1 1/4" M Snap-tite 71
Connection Drain	2 x 3/4" FM Snap-tite 71
Connection Load sensing	2 x 1/4" M Snap-tite 71

Technical Data

Fuel Tank	600 L
Hydraulic Reservoir	1900 L
Hazardous Area	

Pressure Filter	10 my abs
Return Filter	10 my abs
Circulation Filter	10 my abs

Power Data

Voltage	230 V 1 phase for charger
Current	16 A
Electrical Panel	IP 66

Z015	Yes
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