

HYDRAULIC POWER UNIT

9kW
HPU
SYSTEM



Description

The DNV 2.7-3 certified design features a lightweighted steel frame. The HPU are fitted with a 2-section PVG which is used to test various subsea tooling prior to subsea deployment.

The unit is intended for on-deck use and testing at the SIT, flushing and function testing. With its 2-section PVG it can also run functions like cylinders and winches.

The HPU includes both pressure and return filters. The reservoir is also equipped with two ports for filling, flushing and emptying.

Typical Operations

- ▣ Topside tooling applications
- ▣ Deck Testing
- ▣ Function Testing
- ▣ Flushing

Features

- ▣ Service & User Friendly
- ▣ Lightweight
- ▣ Wires for lifting
- ▣ Eye Pads on both sides

Specifications

HPU 9kW

General Technical Specifications

Type	- High Flow HPU 9kW
Part Number	- HPU-MN
Frame Material	- S355
Lifting Certification	- Acc. To DNV 2.7-3
Fluid	- Mineral Oil Based Fluids
*Please contact us for questions or more information regarding fluid compatibility	
Weight	- 370 kg
Dimensions (L x W x H) [mm]	- 1391 x 785 x 675
Operating Temperature	- 10°C / + 60°C (14°F / 122°F)

Hydraulic

Max. Output Pressure	- 210 Bar
Max. Output Flow	- 25 L/min
Pump Type	- Sauer Danfoss LRR25C
Pressure Filter Element	- V3.0520-06
Return Filter Element	- TXWL3E-10
Reservoir Capacity	- 100L
Oil Level Indicator	- Yes, Visual
Oil Level Guard	- No
Temperature Guard	- No
Oil Cooler	- 300/144/586/1 (VDMA24561)
Pressure Gauge	- Yes

Hydraulic Connections

Pressure	- 3/8 QC Male (3/8" BSP Female)
Tank	- 3/8 QC Male (3/8" BSP Female)
Leak Line	- 1/2 QC Male (1/2" BSP Female)
PVG Outlet 1A / 1B	- 3/8 QC Male (3/8" BSP Female)
PVG Outlet 2A / 2B	- 3/8 QC Male (3/8" BSP Female)

Electrical Data

Electrical Motor	- Bevi IE2 – 4AL2 132M-4, 400/960V, 50/60Hz
	- Serial No: 1109BV230308
	- 400V (D), 7,5 kW, 1450 rpm, 14,6 A, 50 Hz
	- 690V (Y), 7,5 kW, 1450 rpm, 8,46 A, 50 Hz
	- 460V (D), 9 kW, 1740 rpm, 15,2 A, 60 Hz
Power Cable	- 35 meter
Power Socket	- Available on request