

ITC DP002: Rig Safe Diesel Driven Hydraulic Power Unit



Equipment description:

The Diesel Hydraulic Power Unit (DHPU) is mounted in a protection / lifting frame designed in accordance with DNV 2.7-1, which comes complete with lifting sling (single lift) and fork lift pockets.

The DHPU has been designed to provide hydraulic power to various types of hydraulic equipment.

The DHPU is operated by a user friendly control panel consisting of all shutdowns warnings and controls.



Degree of Protection:	High temp/Low level shut down. Over speed & emergency stop
Engine Power Rating:	126 kW @ 2200 RPM 12 volt Battery start
Lifting Method:	Certified DNV 2.7-1 Slings, Fork Lift Pockets
Hydraulic System Type:	Open Loop
Pump Type:	Axial Piston Pump (Pressure compensated with torque limiter)
Max Displacement:	130cc/rev
Max Working Pressure:	280 bar
Max Flow:	286 L/min (Main Pump)
Max Flow @ Max Pressure:	286 L/min @ 210 Bar (Main Pump)
Max Displacement:	18cc/rev
Max Working Pressure:	210 bar
Max Flow:	39 L/min (Aux Pump)
Max Flow @ Max Pressure:	39 L/min @ 210 bar (Aux Pump)
Reservoir Oil Capacity/Type:	1000 Litres / ISO 32 Hyd. Oil
Reservoir Diesel Capacity:	500 Litres
Connections:	Main Pressure – 1 1/4" NPT Main Return – 1 1/2" NPT Case Drain – 1/2" NPT x 2 Aux Pressure – 3/4" NPT Aux Return – 3/4" NPT
Oil Cooling Method:	Blast Air cooler
Interconnecting Hoses:	Not supplied
Unit Dimensions (LxBxH):	2700 x 1250 x 2200 (mm)
Unit Gross Weight:	5000(kgs)