

MariFlex DHP 200B zone II Diesel Hydraulic Powerpack



MariFlex development, manufacturing, sales, rental and repair of off-loading equipment/systems.

As a specialist in service and repairs, MariFlex has a very comprehensive selection of pumps, powerpacks and other equipment available for sale or rent, specially designed and purpose-built for the transshipment of liquid cargoes.

MariFlex can offer you equipment ranging from complete standard portable pumping installations to custom made turn-key marine equipment.

Upon request, MariFlex designs and builds special pumps, powerpacks and other equipment, according to internationally recognised standards and guidelines.



MariFlex DHP 200B zone II Powerpack

MariFlex Hydraulic zone II Powerpacks are self-contained, extremely compact, light weight and built according to internationally recognized standards (Atex). MariFlex builds these units to customer specifications.

Characteristics of all our Hydraulic Powerpacks:

- All components enclosed within a protection/ lifting frame
- The protection/lifting frame is made from high tensile, sea water resistant aluminum and is coated with a two component paint system
- A dashboard is incorporated in the protection/ lifting frame to check and control the:
 - Speed and Fuel level indicator
 - Exhaust temp. indicator
 - Engine water temp. indicator
 - Hydraulic oil temp. indicator
 - Hydraulic level indicator
 - Hydraulic pressure indicator



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Specifications MariFlex DHP 200 B zone II

DIESEL ENGINE

Make/type	: Deutz BF6M1013M. Turbo charged, watercooled
Category	: Ex II 3G II AT3.
Zone	: 2.
Rated Power	: 126 Kw @ 2300 rpm.
Gas group	: IIB.
Temp. class	: T3.
Start System	: Pre-engaged spring starter or hydraulic starter.
Classification	: Atex / Lloyds.
Exhaust system	: Silencer / Spark arrestor. Discom (Atex approved).
Safety system	: Amot controls.
Fuel system	: Double filter, including water separator.
Fuel type	: According EN 590 (Low Sulphur)
Fuel consumption	: 38 ltr / hr.
Fuel tank capacity	: 450 ltr.

HYDRAULIC SYSTEM

Pump type	: Axial plunger, with variable settings.
System	: Open.
Flow	: 200 ltr/min (56 Gal.)
Pressure	: 320 bar max / (4700 psi).
Filter system	: Full flow (10 Micron). Including particle magnet and visual dirt indicator, by-pass at 0.7 bar.
Hydraulic oil tank	: 300 liter including filler / breather cap, drain and gauge glass.
Hydr. Oil	: ISO 46.
Cooling	: Air cooled, controlled by thermostat.
Dimensions: (LxWxH)	: 2300 mm x 1400 mm x 1960 mm.
Weight (dry)	: 2250 kg. ex. fuel.

INDICATORS / PROTECTIONS

- Automatic over speed air intake shutdown valve.
- Automatic mechanical over speed shutdown valve.
- Automatic exhaust temp. shutdown.
- Automatic oil temp. shutdown.
- Automatic hydr. oil temp. shutdown.
- Automatic hydr. level shutdown.
- Exhaust flame trap and engine breather flame trap.



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