Portable submersible pump type MSP-80

The MSP-80 is a light and compact, high capacity hydraulic drive, centrifugal pump and designed for a wide range of products such as:

- chemicals
- acids
- solvents
- petroleum products
- crude oil
- edible oils

The pump impeller is keyed directly to the hydraulic motor shaft enabling a very compact design. Between the hydraulic motor and the pump impeller is a double mechanical seal arrangement to ensure a proper segregation between the hydraulic and product side.

All parts exposed to the cargo are made of AISI 316L or PTFE. The pump has a maximum diameter of 250 mm and can be utilised via a standard 12” tank cleaning hatch. The pump can be driven by a ship’s hydraulic system or by means of a portable powerpack. As standard the pump is delivered with an 18 m concentric hydraulic hose with a start-stop valve at the other end. A flow control can be delivered as an option.

**MSP-80**

- Discharge connection: 4” coupling or 4” flange
- Max. pressure: 320 bar
- Max. return pressure: 10 bar
- Max. oil flow: 75 (l/min)
- Pressure connection: ½” quick coupling
- Return connection: ¾” quick coupling

**Dimensions**

- Max. diameter: 250 mm
- Height excluded stand pipe: 558 mm
- Stand pipe height: 415-400-405-395 mm
- Weight excluded hoses: 38 kg

**Pump Performance Curve**

- Green line: 150 bar
- Blue line: 200 bar
- Red line: 250 bar
- Purple line: 280 bar