



## 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.

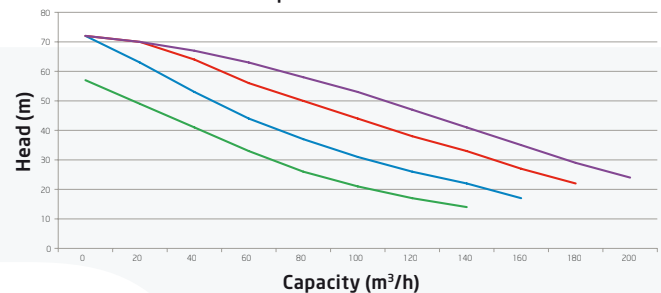
### MSP-80

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



- 150 bar
- 200 bar
- 250 bar
- 280 bar