



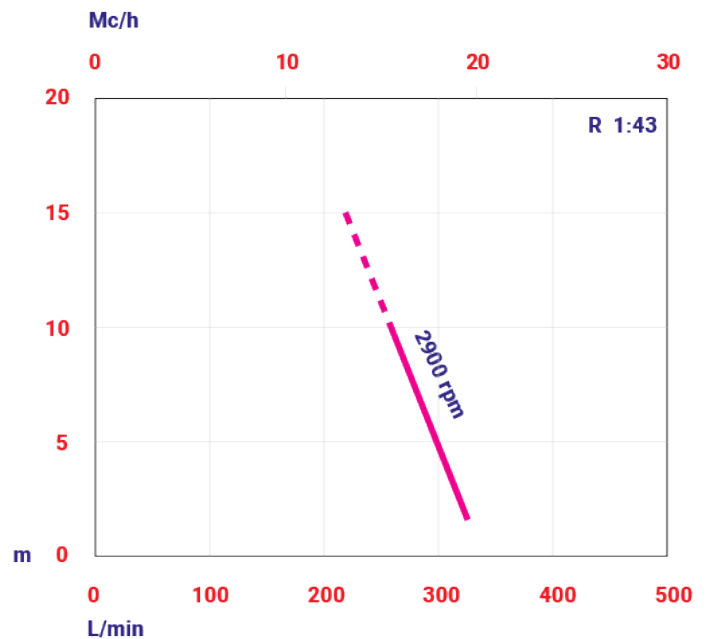
Pumps  
Transfer Pumps

## Diaphragmatic Pump 3" Hydraulic



New Naval

The 3" diaphragmatic, is a hydraulically driven, self-priming pump, designed to work with the most aggressive and viscous fluids even in the presence of solids. The light-weight design makes it an excellent solution for pumping operations in remote places. It can operate dry, which allows it to be used as a vacuum pump in a vacuum recovery system. It's main advantage of the pump is the extremely low weight which makes it easy to handle, transport and position in emergency operations.



### TECHNICAL SPECIFICATIONS

Nameplate Capacity	Up to 20 m <sup>3</sup> /h @ 2900 rpm
Delivery Head (max.)	15m
Suction Lift	7m
Weight Dry	52 kg
Body Material (dry & wetted)	Aluminium
Diaphragms and valves	neoprene, oil proof tpv/nitrilic rubber
Solids Size (max.)	Up to Ø50mm
Inlet/Outlet Port	3"
Engine	Hydraulic Motor

### TECHNICAL DATA

The pump is hydraulically driven. It is ideal for pumping viscous and abrasive fluids. It has positive displacement linear flow. Its simplicity of design and construction provides ease of maintenance. Self-priming up to 7 meters height. Dry operation and wheeled version available.

### KEY FEATURES:

- Trailer Mounted
- Dry-running capability.
- Rapid dry self-priming up to a depth of 7 meters in a matter of seconds.
- No seal or rotating part in contact with the pumped liquid.
- Can be used where there are abrasive or acid fluids.
- Wide passage for solid bodies (50 mm).
- Flow rate proportional to number of diaphragm pulses.
- Very simple, occasional maintenance.
- Rigid self-lubricated connecting rod or with spring (on demand).