



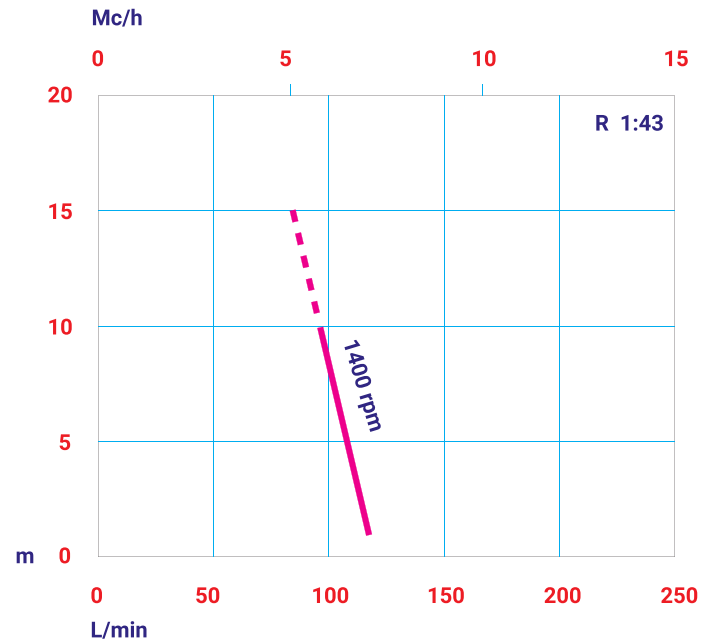
Pumps
Transfer Pumps

Diaphragmatic Pump 3" Electric



New Naval

The 3" diaphragmatic, is an electric 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

Delivery Head (max.)	15m
Suction Lift	7m
Dimensions	935 x 685 x 815 mm
Weight Dry	68 kg
Body Material (dry & wetted)	Aluminium
Diaphragms and valves	Nitril Rubber
Strokes per Minute	32
Gear Box	With Helical Teeth Ratio 1:43
Threaded Branches	3" BSP
Solids Size (max.)	Up to Ø50mm
Inlet/Outlet Port	3"
Engine	Electric Motor 230/400 V 2.900 rpm - 1,5 kW- 50 hz - IP55

TECHNICAL DATA

The pump is electric 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
- Polypropylene Air Chamber In Suction
- 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.