

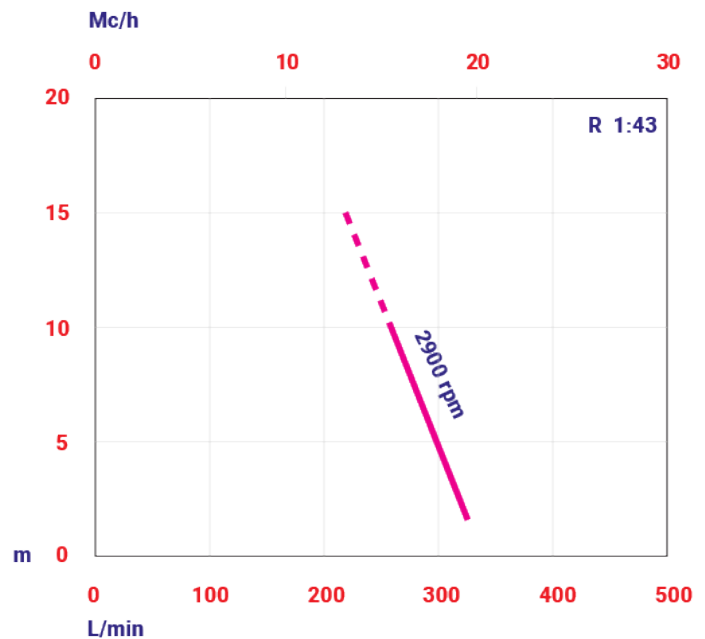


Pumps / Transfer Pumps Diaphragmatic Pump 3" Battery Powered Electric Motor



New Naval

The 3" self-priming diaphragmatic pump, is coupled to a battery-powered electric motor, 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

| | |
|------------------------------|---------------------------------------|
| Dimensions | 935 x 685 x 815 mm |
| Body Material (dry & wetted) | Aluminium |
| Diaphragms and valves | Neoprene, Oil Proof TPV/Nitril Rubber |
| Gear Box | With Helical Teeth Ratio 1:43 |
| Threaded Branches | 3" BSP |
| Solids Size (max.) | Up to Ø50mm |
| Inlet/Outlet Port | 3" |
| Engine | HONDA eGX with Battery |

TECHNICAL DATA

The pump is driven by a battery-powered electric motor. 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:

- Battery at maximum charge, motor at 2700 rpm, 63 pulsations/minute, suction from 4 to 6m, delivery at zero: battery life 65 minutes.
- Battery at maximum charge, motor at 2700 rpm, 63 pulsations/minute, suction from 4,5m, delivery at 10 mt: battery life 65 minutes.
- The battery is fully recharged in one hour and 25 minutes
- 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 or with spring (on demand).