

PRM Piezo Pump



PRM Filtration is proud to introduce a new patented pump model specifically designed for environmental remediation applications. This innovative pump is highly unique and boasts exceptional capabilities that sets it apart from other models in the industry.

The PRM Piezo Pump is a portable pneumatic pump system that can be effortlessly installed inside wells with a minimum internal diameter of 4 inches. It offers a wide range of applications, including:

- Groundwater pumping as a part of remediation activities or remediation plants.
- Recovery Technology for LNAPL / DNALP (light / dense non-aqueous phase liquid).
- Oil handling in ATEX classified areas.
- Low-flow representative sampling at different depths inside environmental monitoring wells.
- Excellent tool for environmental emergency response activities.

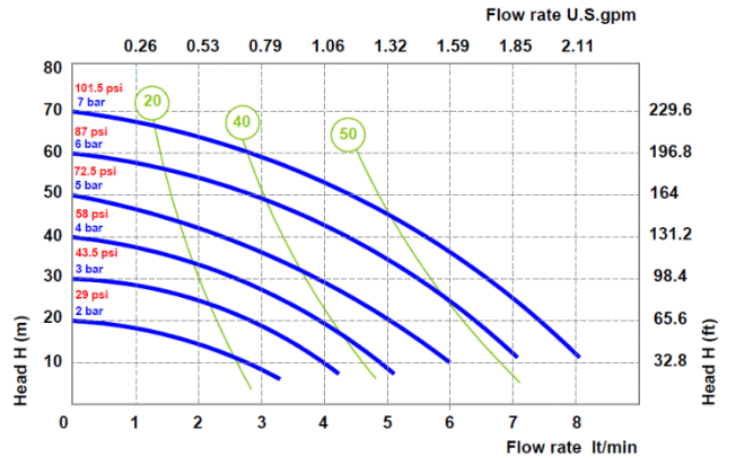


PRM Piezo Pump



FEATURES:

- Operation with high subsidence value of water level
- Possibility to work both above and below the water level
- Can work with solids in the water flow
- Constant pumping at low flow rates (approx. 0.25-4.00 l/min)
- Easy flow management through compressed air supply
- Lightweight, compact and compatible with 4" wells
- Possibility to send the air exhaust out of the well



TECHNICAL DATA:

Fluid Connections: 1/4 Inch NPT

Air connection: 1/4 Inch NPT

Max Flow Rate: 2.1 GPM

Max air pressure: 100 psi

Max delivery (ft. head): 230 ft.

Max suction lift dry: 10 ft.

Max solid passing: 0.2 cm

Noise level: 65 dB

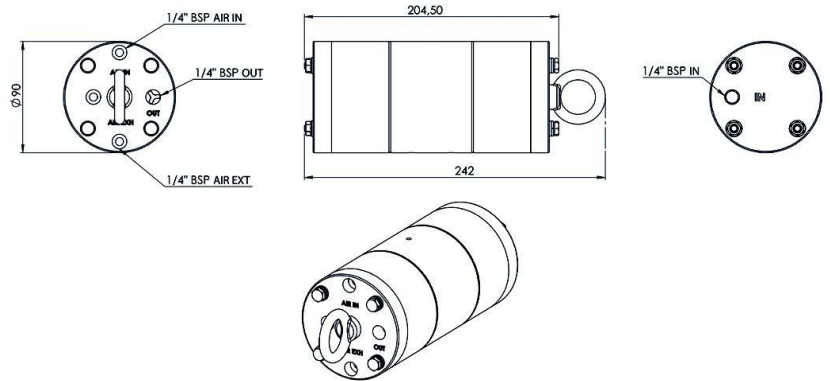
Max Viscosity: 5.000 cPs

Displacement per stroke: 24 CC~

Weight: 3.75 lbs

Height: ~8.05 Inches

Diameter: ~3.5 Inches



MATERIALS:

CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
O = POMc P = PP	N = NBR NT = NBR+PTFE	T = PTFE S = SS	O = POMc P = PP	N = NBR V = VITON E = EPDM	1 = BSP 5 = NPT	- = ZONE 2 X = ZONE 1	TS = STANDARD