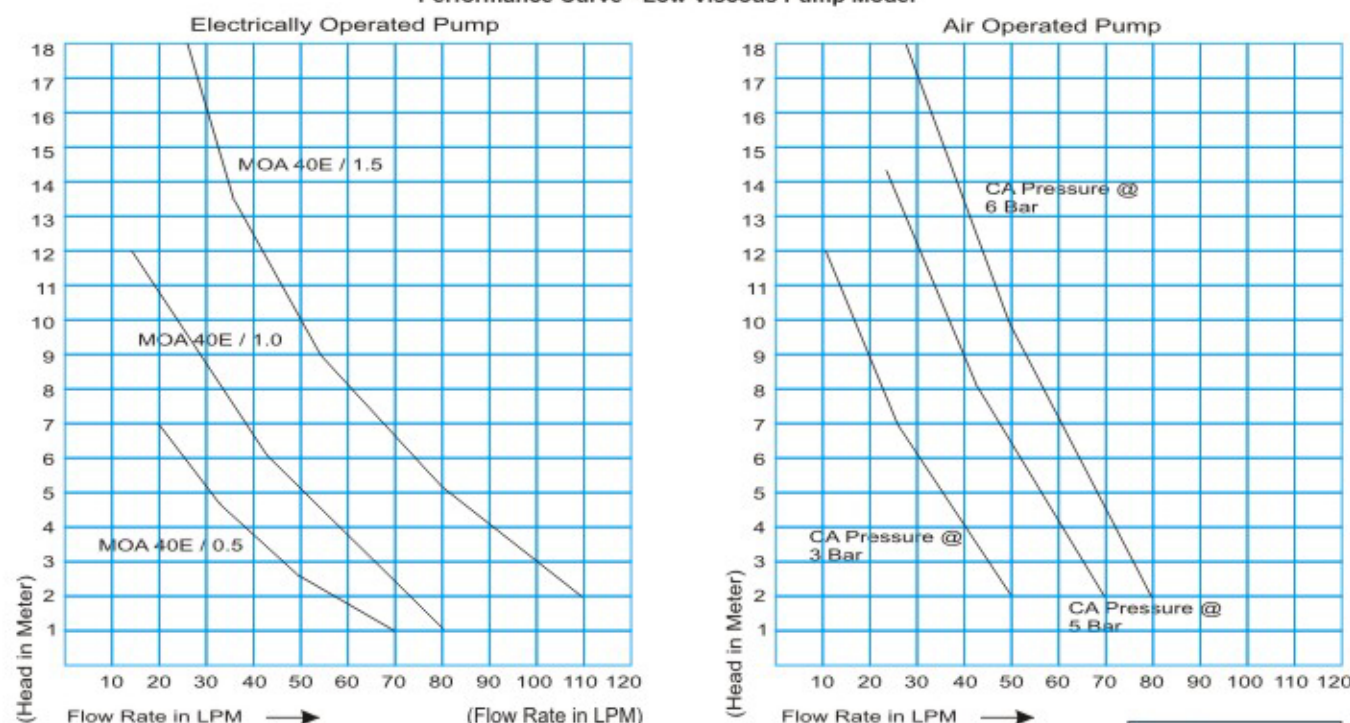


Quick Selection chart for MONIBA Series Pump Models

Model	Motor HP	Weight	Max Flow Rate	Max Head	Max Viscosity Range
Low Viscous Drum Pump - Electric Driven, Non FLP					
MOA 40 E / 0.5	350 W/1 Phase	8 Kgs	60 LPM	8 Mtr	Up to 150 cps
MOA 40 E / 1.0	700 W/1 Phase	8 Kgs	70 LPM	12 Mtr	Up to 300 cps
MOA 40 E / 1.5	1050 W/1 Phase	8 Kgs	100 LPM	18 Mtr	Up to 500 cps
Low Viscous Drum Pump - Air Driven					
MOA 40 A/0.6	0.6 HP/18 CFM@3-6 Bar	6 Kgs	90 LPM	15 Bar	Up to 300 cps
High Viscous Drum Pump - Electric Driven, Non FLP					
MOA 40 E HVS / 1.0	1.0 HP / 960 RPM / 3 Phase	18 Kgs	50 Kg/Min	8 Bar	Up to 5000 cps
MOA E HVS / 1.5	1.5 HP / 960 RPM / 3 Phase	18 Kgs	30 Kg/Min	8 Bar	Up to 30000 cps
MOA 40 E HVS / 2.0	2.0 HP / 960 RPM / 3 Phase	24 Kgs	15 Kg/Min	8 Bar	Above 30000 cps
High Viscous Drum Pump - Air Driven					
MOA 40 AHVS / 1.2	1.2 HP / 30 CFM @3-6 Bar	12 Kgs	30 Kg/Min	8 Mtr	Up to 15000 cps

Performance Curve - Low Viscous Pump Model



Hand Flow Regulator :

Hand Flow Regulator is a flow controlling device designed Especially for liquid dispensing It is a compact, light weight solution for dispensing small volume. Available only in SS 316. No effect on low Viscous Pump Motor When combined With drum pump.



Other Range of Products :



Registered Office :

MONIBA
Motorised Drum Pumps

Moniba Anand Electricals Pvt. Ltd.

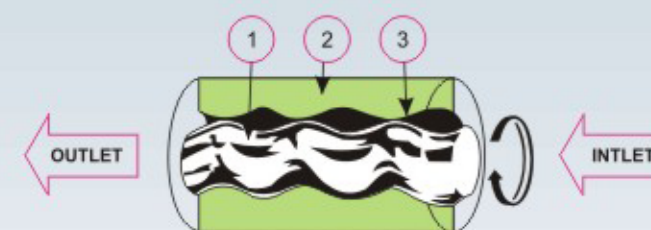
Plot No.1, Near Raheja Vihar, Off Saki Vihar Road, Chandivali, Andheri (East), Mumbai - 400 072
Tel. : 2857 1028, 2857 3156 , Fax : 0091-22-2857 3135, E-mail : mail@moniba.net, Website : www.moniba.net

Solution to transfer of all liquids



Air Motor

Transfer Pump



Working Principle of Progressing Cavity Pump.

Low Viscous Liquids :

Drum Pump

The customer focused and user friendly, handles a wide range of chemicals from strong Acids and Caustic to severe Solvents, Fragrances, Flavours and Essential Oils.

Working Principle :

The pump tube is connected to motor by means of self aligning coupling. The motor transmits power through coupling to the drive shaft of pump which is well supported by TEFLON Bearing. The impeller is mounted at the foot piece of the pump tube and is always immersed in the liquid which assures self priming.

Advantages of Motorised Moniba Drum Pump.

The Drum Pump empties the drum to residue of 1 Liter Self-Priming and also self-draining on completion. No welding is involved in any part of pump tubes. Complete strip down is possible with least number of tools.

MOA 40 E Electric Motor

Fully enclosed, fan cooled motors with On-OFF switch Single Phase, AC-DC, Intermittent duty rated. 15 feet long industrial cord and plug.

MOA 40 A Pneumatic OR Air Motor

Variable Speed Drive with In Built Control Valve. Suitable for safe operation in flammable environments. Automatically cools down due to expansion of compressed air. Air requirement is 18 CFM @ 3-6 Bar. Air Inlet Size 1/4"

As Sparking or fusing is not possible, Air Motor offers explosion protection without involving additional cost for safety precautions.

High Viscous Liquids :

MONIBA progressing Cavity Type Screw Pumps are designed for pumping medium to highly viscous liquids. The progressing cavity design ensures smooth and non pulsating flow and ideal for the gentle transfer of viscous liquids.

Working Principle

Pumping action starts the instant, the ROTOR turns. Liquid enters the pump suction under pressure as the ROTOR (1) Turns with the STATOR (2) thus forming tightly sealed cavities which moves the liquid (3) toward the Outlet. Liquid acts as lubricant between the rotor and stator.

FEATURES

Available in SS 316/304 Material of Construction. Maximum Flow Rate 60 Kgs/Min Discharge pressure up to 8 bar Generates differential head up to 80 Mtrs for low viscous bodied liquids. The flow rate is approximately proportioned to speed. Pumping pressure does not depend upon the speed. ROTORS are made of Stainless Steel 316 material. STATORS are metal tubes with internally molded synthetic rubber. & available in Viton, Butyl, Neoprene, EPDM, Nitrile & Teflon.

Applications

Suitable for highly viscous liquids such as Molasses, Syrups, Liquid Chocolate, Honey, Glycerin, Liquid Soap, Plastic Solutions, Resins, Glues, Shampoos, Grease, Wax, etc.

General Notes for Drum Pump Selection

1. Select the tube set that are chemically compatible with the fluid you are pumping.
2. Select drive motor either Air or Electric suitable for required Head and Flow Rate.
3. Match the diameter & length of the pump tubes to the dimensions. Of drums / tanks. Pump length for standard 208 Liter Barrel is 39" Max Length available is 60".

MONIBA
Motorised Drum Pumps