

SWEL PTFE Diaphragm Metering Pumps



The 'SWEL' generation of mechanical diaphragm pumps has been developed by Swelore keeping in view of high operating reliability of metering task at minimum initial cost.

The Flow rate is adjusted by micrometric knob when pump is running or stationary with an adjustment option of manual, electric or pneumatic.

Latest design of composite mechanical actuated diaphragm provides hermetically sealed diaphragm with long diaphragm life. All pump heads are provided with diaphragm rupture indicator as a standard. Option of multiplexing is available for metering of several liquids at a time.

SWEL Compact

Advantages & Features

- ▶ Hermetically sealed diaphragm design
- ▶ Accurate flow rate adjustment.
- ▶ Diaphragm rupture indicator as standard feature.
- ▶ Sturdy cast iron casing for tough environmental conditions.
- ▶ Extreme metering precision.
- ▶ Long diaphragm life.
- ▶ No contamination of liquid with diaphragm rupture .
- ▶ Oil bath lubricant for drive end.

Applications

- ▶ Chemical Processing
- ▶ Water & waste water Treatment
- ▶ Food & beverages
- ▶ Pulp & paper
- ▶ Oil & Gas
- ▶ Power generation

General Technical Data

Flow Adjustment	Manual by stroke adjustment range 0 - 100%	Materials of wetted Parts	SS 316, Alloy-20 PTFE, Hastalloy-C, Poly Propylene
Accuracy	± 1% Steady State.	Diaphragm	Composite PTFE
Suction Height	Depend on Head Size Max. 3M Water gauge.	Diaphragm Rupture Indicator	Local Indicator
Temperature Range	Metallic SS : Up to 80°C Plastic PP : Up to 50°C	Drive	Electric Motor

Capacity Table

Model No	Stoke / Min	Flow Rate Lit/Hr	Maximum Pressure Kg/cm ²	Connection	Motor Rating Hp / RPM
2 0 2					
SWEL-202-MD/06	36	6	10	3/8" BSP Female	0.25/1500
SWEL-202-MD/10	36	10	10	3/8" BSP Female	0.25/1500
SWEL-202-MD/16	100	16	10	3/8" BSP Female	0.25/1500
SWEL-202-MD/30	100	30	10	3/8" BSP Female	0.25/1500
SWEL-202-MD/50	150	50	8	3/8" BSP Female	0.25/1500
SWEL-202-MD/75	100	75	10	1/2" BSP Female	0.25/1500
SWEL-202-MD/100	150	110	10	1/2" BSP Female	0.5/1500
SWEL-202-MD/125	100	125	10	1/2" BSP Female	0.5/1500
SWEL-202-MD/150	200	150	7.5	1/2" BSP Female	0.5/2800
SWEL-202-MD/180	150	180	7.5	1/2" BSP Female	0.5/1500
SWEL-202-MD/200	200	250	5	1/2" BSP Female	0.5/2800
2 0 4					
SWEL-204-MD/165	72	165	5	1" BSP Female	0.5/1500
SWEL-204-MD/230	100	230	5	1" BSP Female	0.5/1500
SWEL-204-MD/250	150	250	5	1" BSP Female	0.5/1500
SWEL-204-MD/330	150	330	5	1" BSP Female	1/1500



Manufactured by :



Marketed by :

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