



CENTRIFUGAL SHEAR PUMP

Application

Stainless steel pumps are used exclusively in Dairy, Food & Beverage, Pharma & Chemical Industry for transferring Liquids, Milk, Homogenous Mediums & water.

SALIENT FEATURES

- All the parts of pumps are manufactured from highly Precise CNC Machines.
- Provided with Stainless Steel Shrod/ Motor Cover.
- Simplicity In Design & Ergonomical designed Parts
- Low Power consumption & High Efficiency
- Adaptable to all System Requirements.
- Adjustable Foot/ Legs Up to 50 mm.

- Low Vibrations & Noise.
- Minimum Cavitation I Pumping.
- Easy To Dismantle & Sterilization
- High Strength for robust handling
- Easy & Least Maintenance
- Hygienic Smooth Running
- Long Service Intervals
- High Strength Impellers.



TECHNICAL INFO

- Connections: RPM - 2800/1400
- Impeller dia: 80 to 185 mm
- Maximum Head: 50 MWC (5 Bar)
- Maximum Temp: 140° C
- MOC: SS 304/316
- Gasket: Nitrile/ Silicon/EPDM & Optional
- Motor: Foot cum Flange Motor.
- Power Source: Three Phase or Single Phase
- Casing: Single Piece With Uniform Wall Thickness
- Back Plate: SS 304/316 Heavy Duty stainless Steel Plate
- Seal: Single Shaft Mechanical Seal.
- SMS union Connection Weldable & Expandable Type Varying According To the Type And Power of Pump.Connections can be altered according to the consumers requirement.
- Impeller - Dynamically Designed Highly Precise Impellers for optimum Centrifugal Force. Pumps Above 3 Horse power are provided with Closed Type Double Plate Impeller Ensuring proper centrifugal force as well as suction of Product.
- Externally Mounted Design with rotating Carbon seat and stationary(TC, ST, 316 Stainless steel) Viton v/s Viton or TC v/s Tc Seals Are optional)

PUMP CAPACITY TABLES

HP	HEAD	DISCHARGE	AMPS
0.5	2 MWC	7000 lph	0.5
0.5	4 MWC	5000 lph	0.45
0.5	6MWC	4000 lph	0.3
1	8 MWC	14000 lph	1.3
1	10 MWC	10000 lph	1.2
1	12 MWC	8000 lph	1
1.5	8 MWC	14000 lph	1.4
1.5	10 MWC	12000 lph	1.2
1.5	16 MWC	4000 lph	0.9

HP	HEAD	DISCHARGE	AMPS
2	12MWC	20000 lph	2.56
2	16 MWC	15000 lph	2.6
2	20 MWC	8000 lph	1.6
3	16 MWC	24000 lph	3.6
3	20 MWC	16000 lph	3
3	28 MWC	7500 lph	2.5
5	20 MWC	30000 lph	6.4
5	28 MWC	20000 lph	5.8
5	30 MWC	10500 lph	4.6
7.5	25 MWC	38000 lph	9.6
7.5	30MWC	32000 lph	8.7
7.5	40 MWC	16600 lph	7

