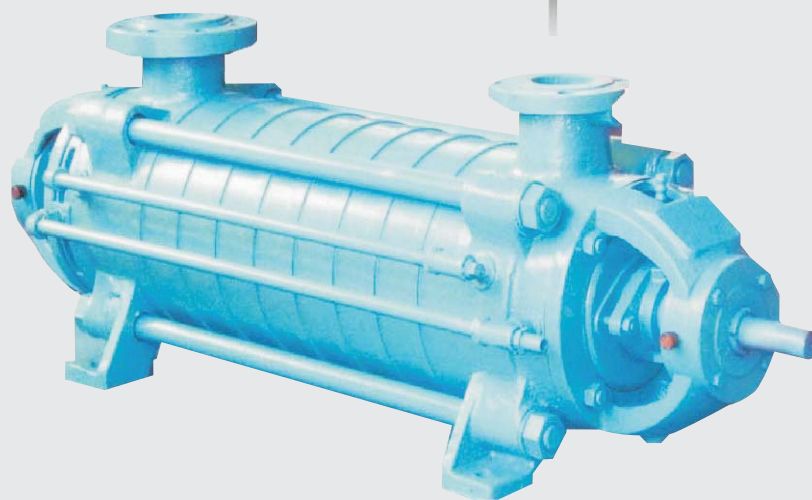


HM series

CENTRIFUGAL MULTISTAGE PUMP



❖ Low Speed



ISO 9001-2008



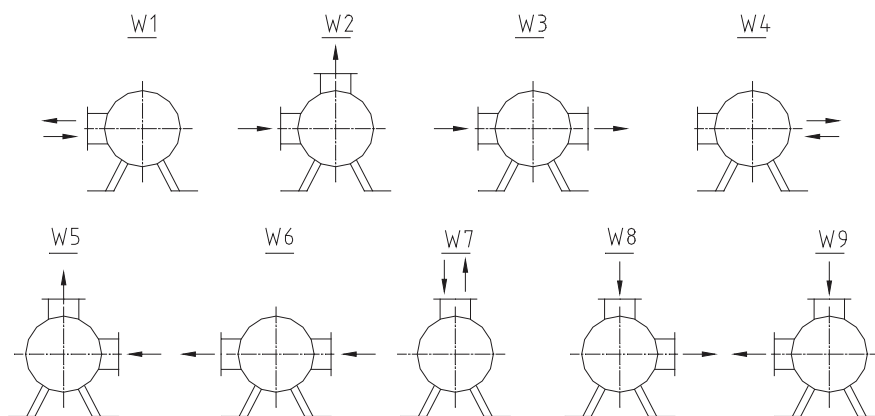
Description :

HM series pumps are single suction ,multistage, segmental centrifugal pump.
Installation type : horizontal installation, there are nine installation type including W1 to W9 . (HM 50-450-60 can only be installed in the mode of W5).

Curve Feature :

Pump curve (capacity-head) is steady curve without hump, head curve rises steadily from design capacity to zero capacity and rise range is 1.2~1.4 times of design head.

Pump has a preferential work range, this range is between 0.7to 1.2 when it achieves preferential efficiency, rated capacity which in optimal efficiency is between 0.8 to 1.



★ Shaft seal : Packing seal and mechanical seal. There is replaceable shaft sleeve for the application of softpacking seal.

★ Power transit : The horizontal pump is driven by horizontal motor through the flexible coupling. From drive end, pump rotation is clockwise.

★ Bearing and balance devices : For horizontal pump, the DE is supported by one ball bearing whereas the NDE is supported by two angular contact ball bearings. On each DE and NDE of pump HM 250-450-60, there is one cylindrical roller bearings.

★ Flowing components : Pump casing and impeller adopt advanced hydraulic model, which insures the high efficiency and high energy-saving.The installation foot on the casing is convenient for installation and stable operation.

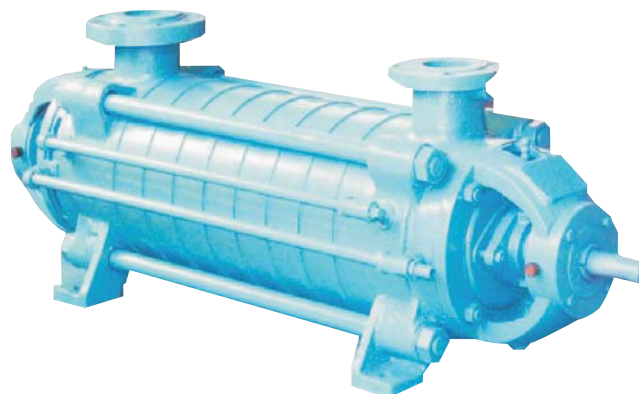
★ Others : pumps adopt air-release valve and water valve are fixed on the pump for easy start , operation monitor and routine maintenance.

Performance Range

- Capacity : Up to 550 M³/Hr
- Head : Up to 750 M
- Speed : Up to 1750 Rpm
- Suction pressure : ≤ 0.6 Mpa
- Operating temperature : Standard = ≤ 80 °C
- Option = ≤ 130 °C

Material Choices

Casing	Impeller	Shaft	Shaft Sleeve	Shaft Seal
Cast Iron	Cast Iron	Stainless Steel	Stainless Steel	Gland Packing / Mechanical Seal
Ductile Iron	Ductile Iron	Stainless Steel	Stainless Steel	Gland Packing / Mechanical Seal
SS 304	SS 304	Stainless Steel	Stainless Steel	Gland Packing / Mechanical Seal
SS 316	SS 316	Stainless Steel	Stainless Steel	Gland Packing / Mechanical Seal
SS 316 L	SS 316 L	Stainless Steel	Stainless Steel	Gland Packing / Mechanical Seal
Duplex	Duplex	Stainless Steel	Stainless Steel	Gland Packing / Mechanical Seal





Handled Liquids

Pure as well as slightly contaminate media such as :

- Cooled and Hot Water
- Condensate
- Oil Suspensions
- Acids as well as their watery solutions

Application

- Water Supply
- Booster Systems
- Irrigation
- Fire Fighting
- Snow Making
- Cooling Circuits
- Boiler Feed
- Condensate
- District Heating
- Reverse Osmosis and Ultra Filtration
- Spray Water Systems
- Cleaning Systems

