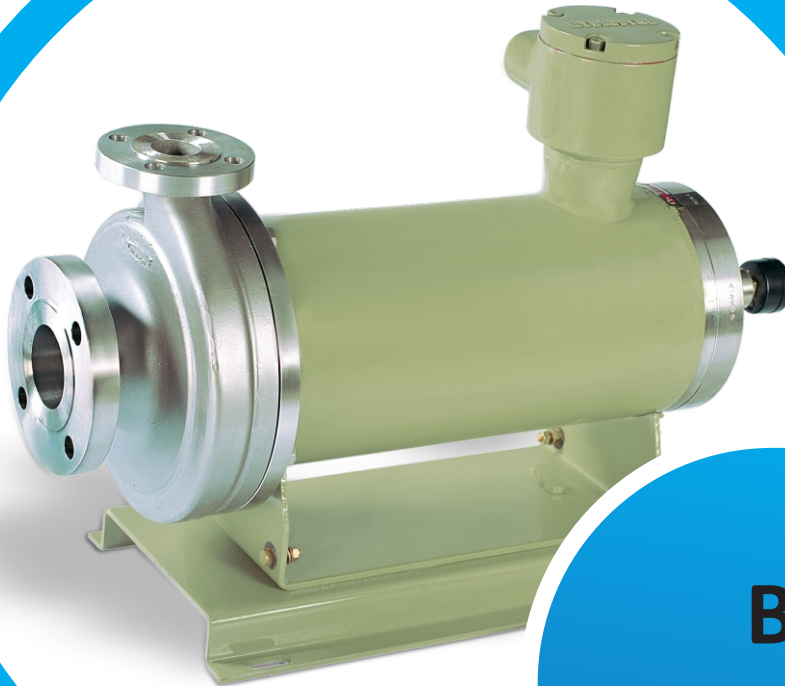


HYDRODYNE TEIKOKU

a joint venture partner

CANNED MOTOR PUMPS

Over 25 years of Engineering Excellence in India for critical segments of industries...



BASIC INTERNAL CIRCULATION PUMP

Suitable for a broad range of clean, non-volatile liquid with moderate temperature

Capacity Max	1000m ³ /hr
Head Max	150m
Motor rating	250kW
Temperature	Up to 150°C



ISO 45001:2018 CERTIFIED

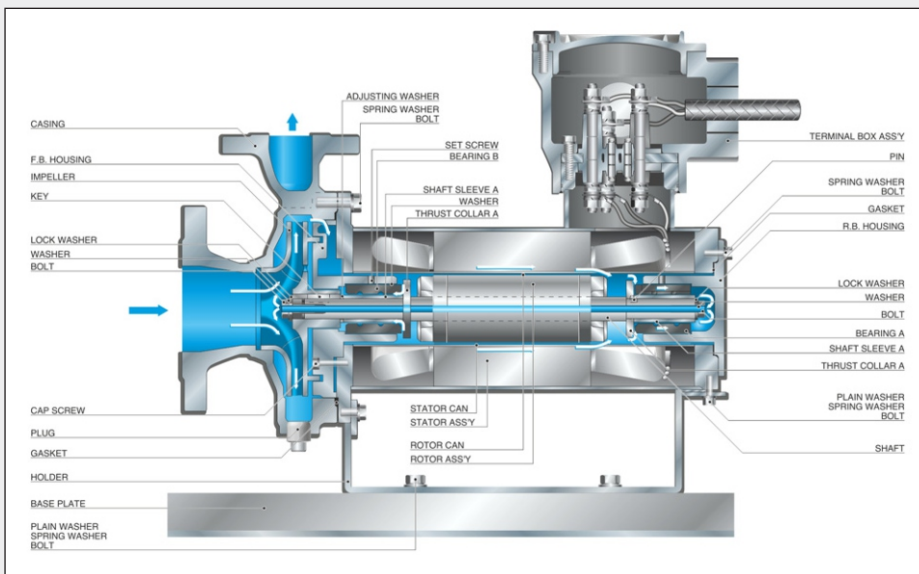
- No Mechanical Seal
- No Coupling
- No External Lubrication
- Vacuum Tight
- Hermetically Sealed
- Flame / Explosion Proof
- No Rigid Foundation
- Compact Design
- Zero Leakage & Emission
- No Alignment
- No Product Loss
- Longest MTBF

General Information

We offer a whole range of canned motor pumps to suit extreme conditions for critical services in nuclear, defence, refineries, petrochemicals, power stations, liquefied gases, edible oil & fatty acids, industrial refrigeration etc. Hundreds of our pumps are serving in the various locations of our customers. We supply Sealless canned motor pumps, high pressure canned pumps, vertical canned pumps, chemical process pumps etc. Today, our canned motor pumps are being utilized in some well-known organizations related to chemical and gas industries. Our research and development team is constantly looking to bring in new features. Being a reputed canned Pump Manufacturer in India, we are committed to providing the best engineering innovation through our canned pumps

The Canned Motor Pump combines the well understood hydraulics of centrifugal pumps. The hydraulic section is directly connected to the drive motor. The stator of an induction motor is canned, confining the liquid in the rotor chamber. The pumped liquid circulates through the rotor chamber, cooling the motor and lubricating the slide bearings that support's the rotor.

About Basic Pumps

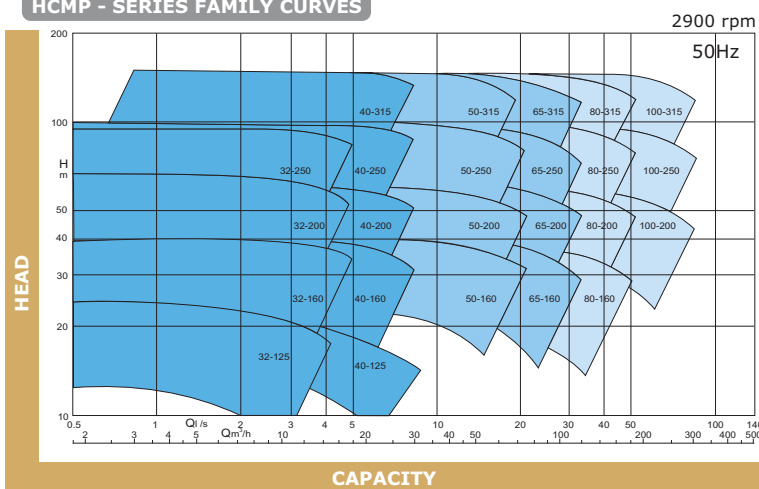


The pump and motor are connected by an adapter plate. portion of the liquid being pumped is taken from the impeller outlet into the annular gap of stator & rotor for the purposes of cooling the motor and lubricating the bearings. Then, the fluid is return back to the pump chamber through the hollow shaft.

Application:

Suitable for a broad range of clean, non-volatile liquid with moderate temperature

HCMP - SERIES FAMILY CURVES



Standard Design

	Standardized	Upon Request
Capacity (max)	440 m ³ /hr	1000 m ³ /hr
TDH (max)	400 m	600 m
Temperature	-40 to 350	-80 to 450
Viscosity (max)	100 cst	350 cst
Design Pressure (max)	30 bars	400 bars
Motor Horsepower (max)	120 kW	210 kW
Major Materials of Wetted Parts	SS304, SS316, SS316L	Hastelloy, Monel, Alloy 20

Contact



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