



CREATIVE ENGINEERS



1stFloor,AboveBhairavnath Post Office,
OppPragatiSociety,Nr. Meera Cross Roads
Maninagar,Ahmedabad - 380028

Tele Fax : + 91-079-25431453,8140179903

Website :-www.sspumpsindia.com, E-mail:- info@sspumpsindia.com.

SEAL LESS MAGNETIC DRIVE CHEMICAL PROCESS PUMP IN SS/PP & PVDF CONSTRUCTION "MPMD" SERIES

➤ ABOUT MAGNETIC PUMP:-

Magnetic drive design eliminates the conventional method of shaft coupling. Hence the pump casing is fully sealed from drive end which gives away the use of conventional sealing system . There is no seal used and hence no troublesome seal repairing and replacement , leakage and production lost. Impeller and drive magnets are permanent rare earth magnets. They prevent slippage and ensure that full motor horsepower is converted into pumping power.

- All Pumps are rated for continuous duty with class "E" Insulation.
- All pumps are Centrifugal Semi-Open Impeller Type pumps and need priming before start up.
- SS-316 Magnetic pumps are available upto 5 HP

➤ ADVANTAGEOUS FEATURES

100% Leak Proof pumps due to magnetic drive arrangement. No shaft seal used which automatically solves problems of seal leakage and wear & tear. Friction free operation for reduced power consumption. High power permanent magnets ensure full power transfer and eliminates slippage. All pumping parts are Non-metallic, Which gives superior corrosion resistance, Simple and easy to operate and maintain. Long life , reliable and trouble free operation.

➤ APPLICATIONS & USER INDUSTRIES

Ideal for transfer of corrosive chemicals ,plating chemicals , acids , dyes , solvents , toxic & fuming liquids , petrol , kerosene etc. Useful in chemical industries , pharmaceuticals and food processing industries. Electroplating , Galvanizing / Anodizing plants . Laboratory equipments and PCB palnts . Medical equipments and X-Ray film plants. Textile Dyeing houses .Liquid dispencing machines and Chemical Filtration equipments. For hazardous duty conditions with flame proof motors.High Efficiency due to permanent magnet power coupling.

➤ RANGE

- Capacity:- from10 LPM upto 750 LPM
- Head :-upto 40 mtrs.
- Material of Construction :- SS /ALLOY 20 /Poly Propylene Glass Filled , PVDF upto 110 Deg C &SS-316
- Operating Temp :- PP upto 80 deg C , PVDF upto 110 deg C
Special Pumps for high temperature upto 150°C and 250°C for SS-316

NOTE :-All PMD Magnetic Drive Pumps are available in Monoblock type only with Std TEFC motor and Flame Proof motors.



