

**“SPCF” SERIES SELF PRIMING CENTRIFUGAL PUMP**

**APPLICATION**

- Creative engineers now introduces self priming cum centrifugal pump with closed and semi open impeller .
- We have made SS-304 or SS-316 chamber in round shape or in square shape .
- These chambers are interconnected with casings , casings have flap type or disc type non return valve (NRV) depend upon application . We use flap type NRV when liquid is dirty or containing some solid particles . We use disc type check valve when liquid is crystal clear .
- These NRVs hold liquid in the chamber and centrifugal pump works as self priming pump.
- All wetted parts are made from SS-304 or SS-316 sheet only and chambers are tested with hydraulic test up to 10 bar . If more pressure is needed, than we test at 1.5 times the shutoff pressure. Thickness of sheet depends upon size and pressure of the system .
- These pumps are ideal for all applications where people do not want to use footvalve or have suction problem .
- Size of self priming chamber depend upon capacity and suction length .
- We also offer openable chamber so one can clean it very easily.
- This is required in sanitary application and in some sticky material application.
- All our CF series pumps are now available with such chamber in monoblock or bare version.
- All our mud pumps which is comparatively costly in SS castings are now offered in our new SPCF version with open or semi open impellers .



**OPERATING RANGE**

- **Size** : 12 MM TO 100MM
- **Head** : 03 METERS TO 76 METERS
- **Capacity** : UP TO 500 M<sup>3</sup>/HR



**“MSP” SERIES SELF PRIMING CUM CENTRIFUGAL TYPE MUD PUMPS**

**APPLICATIONS**

- Sewage and Effluent treatment plants.
- Low NPSH process circulation duty.
- Aboard ships as bilge, deck wash pump & engine cooling pump.
- Loading , Unloading and transfer of tricky liquids viz. oils , solvents , gas oils , minerals , oils , grease, petrol, seawater etc.

**OPERATING RANGE**

- **Capacity** : up to 350 M<sup>3</sup>/hr,
- **Head** : Up to 60m
- **Suction Head**: Up to 8 meters.
- **Material** : Cast Iron & Bronze,
- **Solids** : Up to 41 mm dia.
- **Viscosity** : Up to 100mm<sup>2</sup>/sec.

