



MAFFS PUMPS  
P V T L T D



- MANUFACTURE
- SERVICES PROVIDER
- EXPORTER
- PROJECT SUPPLIER

All types of Industrial Pumps  
and all types of pumps spares  
etc.

# MSP SERIES

## ↪ Application

Paper pulp industries.

Food, Sugar, Salt industries.

Organic/inorganic chemicals, volatile, liquids, corrosive, chemicals, caustic process, effluent, filter press, slurry application.

Pharmaceutical, dyes, textiles, kerosene, diesel and other solvents.

ETP, STP & waste water treatment plant, fertilizers, cement and steel industries.

For Pumping chemicals, with solids in suspension polluted liquids.

Hot and Cold water.

## ↪ Features

Graded casting & EN-8/SS 316/SS-410 Shaft increases service life. Minimum need for inspection and maintenance because greased for life, external lubrication. Drive option of electric motor, coupled or best drive version or by Petrol/Diesel engine. Perfect sealing assured by high quality mechanical seal which can not run dry because of in-pump oil reservoir.

## ↪ Material of Construction

|                 |   |
|-----------------|---|
| Impeller        | Cast iron/ SS -316, SS - 304/ Bronze or as per request        |
| Pump Casting    | : Cast iron/ SS -316, SS - 304/ Bronze or as per request      |
| Shaft           | : EN - 8 / SS - 316, SS - 304 OR as per request               |
| Mechanical Seal | : Carbon Vs. Ceramic / Tc Vs. Tc with NBR /<br>: Viton / PTFE |



**SELF PRIMING NON CLOG PUMP**

# MSP SERIES

## Design

- Perfect self priming action with maximum suction head of 6 meters.
- Back pullout design, simplifies inspection and maintenance.
- Imellers with wider flow passage avoid clogging and can handle solids up to 24 mm diameter
- Compact, light weight and yet rugged construction.

## Range

Capacity : Up to 270 m<sup>3</sup>/hr  
 Head : Up to 57 Mt.  
 Suction Head : Up to 6 Mt.  
 Solids : Up to 24 mm Dia

| MSP   | 3            | 6            | 9            | 12           | 15           | 18           | 24           | 30           | 36           | 45           | 60          | 75          | M <sup>3</sup> /HR | *SIZE | #MM | HP  |
|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|--------------------|-------|-----|-----|
| 11-3  | 15.2<br>0.43 | 13.7<br>0.55 | 11.5<br>0.63 | 9.9<br>0.68  |              |              |              |              |              |              |             |             | H mt<br>Kw         | 1½"   | 7.5 | 1   |
| 11-4  | 16.3<br>0.68 | 15.2<br>0.71 | 14.2<br>0.75 | 13.0<br>0.79 | 11.6<br>0.84 | 10.0<br>0.9  |              |              |              |              |             |             |                    | 1½"   | 12  | 1.5 |
| 128-5 | 20.0<br>1.1  | 19.0<br>1.12 | 17.8<br>1.16 | 16.5<br>1.21 | 15.4<br>1.29 | 14.0<br>1.36 | 10.2<br>1.49 |              |              |              |             |             |                    | 2"    | 10  | 2   |
| 12-5  |              | 19.8<br>1.1  | 18.9<br>1.17 | 18.0<br>1.22 | 17.1<br>1.29 | 16.1<br>1.36 | 13.7<br>1.56 | 10.3<br>1.73 |              |              |             |             |                    | 2"    | 13  | 3   |
| 12-6  |              |              |              | 19.2<br>1.58 | 18.5<br>1.6  | 18.0<br>1.66 | 16.7<br>1.79 | 15.5<br>1.97 | 14.4<br>2.15 | 12.0<br>2.15 | 4.0<br>2.65 |             |                    | 2½"   | 20  | 5   |
| 14-8  |              |              |              |              | 22.5<br>2.7  | 22.0<br>2.8  | 21.0<br>3.0  | 20.5<br>3.2  | 19.8<br>3.4  | 18.5<br>3.6  | 15.0<br>3.8 | 10.2<br>3.8 |                    | 80 MM | 24  | 7.5 |
| 15-6  |              |              |              | 29.0<br>2.85 | 28.0<br>2.95 | 27.0<br>3.05 | 25.0<br>3.25 | 23.0<br>3.5  | 20.8<br>3.7  | 16.0<br>3.95 |             |             |                    | 2½"   | 11  | 5   |
| 16-3  | 32.0<br>1.25 | 28.5<br>1.41 | 24.3<br>1.56 | 19.2<br>1.73 | 10.0<br>1.84 |              |              |              |              |              |             |             |                    | 1½"   | 6   | 3   |
| 16-6  |              |              |              | 35.0<br>3.55 | 34.5<br>3.7  | 34.0<br>3.2  | 34.4<br>4.25 | 31.0<br>4.6  | 29.0<br>4.95 | 22.5<br>5.3  |             |             |                    | 2½"   | 12  | 7.5 |



**MAFFS PUMPS**  
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