



APPLICATION

- Effluent treatment, Sewage Plants, Dyes and Intermediate Industries.
- Dewatering Docks, Ports, Vessels, Swamps, Basements, Trenches, Construction Sites, Swimming Pools etc.
- Pumping petroleum products like L.D.O., Dielsel, Petrol, Kerosene etc.
- Transfer of Chemicals, Solvents, Effluents, Hot Water, Chilled Water, Condensate etc.

FEATURES

- Graded casting & EN - 8/SS 316/SS-410 Shaft increase service life.
- Minimum need for inspection and maintenance because greased for life, external lubrication.
- Drive options of electric motor, coupled or best drive versions 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 Casing : 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 / Viton / PTFE

DESIGN

- Perfect self priming action with maximum suction head of 6 meters.
- Back pullout design, simplifies inspection and maintenance.
- Impellers 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 m³/Hr.
 Head : Up to 57 Mt.
 Suction Head : Up to 6 Mt.
 Solids : Up to 24 mm Dia

For 50 Hz n = 2900 RPM

MSP	3	6	9	12	15	18	24	30	36	45	60	75	M ³ /HR	*Size	#MM	HP
11-3	15.2 0.43	13.7 0.55	11.5 0.63	9.9 0.68									H mt Kw	1 1/4"	7.5	1
11-4	16.3 0.68	15.2 0.71	14.2 0.75	13.0 0.79	11.6 0.84	10.0 0.9								1 1/2"	12	1.5
128-5	20.0 1.10	19.0 1.12	17.8 1.16	16.5 1.21	15.4 1.29	14.0 1.36	10.2 1.49							2"	10	2
12-5		19.8 1.10	18.9 1.17	18.0 1.22	17.1 1.29	16.1 1.36	13.7 1.56	10.3 1.73						2"	13	3
12-6				19.2 1.58	18.5 1.60	18.0 1.66	16.7 1.79	15.5 1.97	14.4 2.15	12.0 2.45	4.0 2.65			2 1/2"	20	5
14-8					22.5 2.7	22.0 2.8	21.0 3.0	20.5 3.2	19.8 3.4	18.5 3.6	15.0 3.8	10.2 3.8		80 mm	24	7.5
15-6				29.0 2.85	28.0 2.95	27.0 3.05	25.0 3.25	23.0 3.5	20.8 3.7	16.0 3.95				2 1/2"	11	7.5
16-3	32.0 1.25	28.5 1.41	24.3 1.56	19.2 1.73	10.0 1.84									1 1/4"	6	3
16-6				35.0 3.55	34.5 3.7	34.0 3.2	34.4 4.25	31.0 4.6	29.0 4.95	22.5 5.3				2 1/2"	12	7.5

*Size = Suction - Discharge Ports. #MM = Max Permissible solid size.