

CHEM-PROOF CSPP SERIES



SELF PRIMING CENTRIFUGAL INDUSTRIAL NON-CLOG PUMP (Mechanical Seal Fitted)

Self-Priming Centrifugal Industrial Mud Pumps Manufactured by "CHEM-PROOF PUMPS" is known by the CSPP Series in the Market.

TECHNICAL SPECIFICATION:-

- Capacity. : - Up to 75 m³/ hr
- Head: - Up to 58 Mtr
- Suc. Head: - Up to 6 Mtr.
- Discharge Size: - 32 mm to 80 mm
- Solid Size: - Up to 24 mm
- Temperature: - Up to 110Â°C
- Speed: - Up to 3500 rpm
- Pressure: - Up to 5.8 kg/cm²
- Required Suction: - Negative or Positive
- Maintenance: - Low maintenance
- Service: - Easy



APPLICATION:-

- Effluent Treatment, Public Utilities-Sewage Pumping, Dyes and Intermediate Industries.
- Dewatering Docks, Ports, Vessels, Swamps, Basements, Trenches, Construction sites, Swimming Pools etc.
- Transfer of Chemicals, Solvents, Effluents, Hot Water, Chilled Water, Condensate etc.
- Pumping petroleum products like L.D.O., Diesel, Petrol, Kerosene etc.
- Mud, Marine, Hotel, Loading & Transfer of Oils Spirits, Swimming Pools, Gas, Oils, Engine Cooling.
- Pier, Excavations, Pits, Pot-Holes etc.
- Gram panchayat, Municipalities, Public Health Departments, Large Housing Colonies Industries like Chemical, Pharmaceuticals, Food, Cement, Paper, Sugar, Salt, Steel & Other for Liquid Cargo for Freighter, Barges etc.
- Civil Construction Dewatering foundations, Trenches & pits, Filter Press Feeding, ETP-STP, Waste Water Treatment Plant
- Mobile Machinery - Cooling Water For Marine Engines & Pits, Shovels.

FEATURES:-

- Perfect sealing assured by high quality mechanical seal which can not run dry because of in-pump oil reservoir.
- Minimum need for inspection and maintenance because greased for life, external lubrication.
- Non-Clogging Designed to High Efficiency. Semi Open Impeller.
- Quick Automatic Self Priming Action.
- Bearings greased For Life, save external lubrication Minimum need for inspection & Maintenance.
- No Foot Valve Required. No Priming of Suction Pipe Line.

MATERIAL OF CONSTRUCTION:-

- IMPELLER: - Cast Iron / SS - 316, SS - 316L SS - 304 / Bronze or as per request.
- PUMP CASING: - Cast Iron / SS - 316, SS - 316L SS - 304 Bronze or as per request.
- SHAFT: - EN - 8 / SS - 410 / SS - 316, SS - 316L / SS - 304 or as per request.
- INTERMEDIATE COVER: - Cast Iron / SS - 316, SS - 316L SS - 304 / Bronze or as per request.
- MECHANICAL SEAL: - Carbon Vs. Ceramic / Tc with NBR / Viton / PTFE
Silicon Vs. Silicon / Viton / PTFE

PERFORMANCE TABLE: -

FOR 50 HZ=2900 RPM

CSPP SERIES	KW/HP	SIZE	SOLID	CAPACITY IN LPM VS HEAD (H) METERS													
				LPM	50	100	150	200	250	300	400	500	600	750	1000	1250	
CSPP 32-110	0.75/1.0	32 MM	7.5	HEAD	15	13	11	10									
CSPP 40-110	1.1/1.5	40 MM	12		16	15	14	13	11	10							
CSPP 50-120B	1.5/2.0	50 MM	10		20	19	18	16	15	14	10						
CSPP 50-120	2.2/3.0	50 MM	10			19	19	18	17	16	13	10					
CSPP 65-120	3.7/5.0	65 MM	20				19	18	17	16	15	14	12	4			
CSPP 80-140	5.5/7.5	80 MM	24					23	22	21	20	19	18	15	10		
CSPP 65-150	5.5/7.5	65 MM	11	(Mtr)				29	28	2	25	23	21	16			
CSPP 32-160	2.2/3.0	32 MM	6		32	29	24	19	10								
CSPP 65-160	5.5/7.5	65 MM	12					35	34	33	32	31	29	22			

MM=MAX PERMISSIBLE SOLID SIZE.



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