sando

Shining Reputation Of Reliability

Self - Priming Mud pump

SELF PRIMING NON-CLOG SEWAGE & EFFLUENT PUMP SERIES "FEP"

Sando Self-Priming Non-Clog Pumps feature a back pull-out Design and are widely used across multiple industries. Equipped with mechanical seal arrangement to ensure zero leakage and high efficiency.

TECHNICAL SPECIFICATIONS

Parameter	Specification
Head	Up to 48 Mtr.
Capacity	Up to 20-8 LPS
Suction Head	Up to 6 Mtr.
Max Solid Size	Up to 24 mm
Viscosity	Up to 100 mm^2/sec.

MATERIAL OF CONSTRUCTION

Component	Standard	Optional
Casing	Cast Iron	SS 304 / SS.316
Impeller	Cast Iron	SS 304 / SS.316
Shaft	EN-8	SS 410 / SS.316
Sleeve	SS 410	SS 304 / SS.316
Mechanical Seal	Carbon / Ceramic	SS 304 / SS.316

APPLICATIONS

- Dewatering Swamp
- Trenches & Basement
- Construction Sites
- Swimming Pool Systems
- Effluent Treatment Plants
- Marine Applications
- Lift Irrigation & Water Spray

SALIENT FEATURES

- Back Pull-Out Design
- Zero Leakage Mechanical Seal
- High Efficiency via Vacuum Creation
- No External Lubrication Required
- Bearings Greased for Life
- Drive Options: Motor / Coupled / Belt
- Oil Reservoir Prevents Dry Running

PERFORMANCE TABLE (Speed : 2900 RPM)

MODEL	KW/HP	SUC./ DEL.	RPM	SOLID SIZE	HEAD IN METER	DISCHARGE IN LPS											
						0.83	1.66	2.5	3.33	4.16	5.0	6.66	8.33	10.0	12.5	16.66	20.83
32SEP1H	0.75/1.0	32 X 32	2900	7.5		15	13	11	9								
40SEP15H	1.1 / 1.5	40 X 40	2900	12		16	15	14	13	11.5	10						
50SEP2H	1.1 / 2.0	50 X 50	2900	10		20	19	17.8	16.5	15.5	14	10.5					
50SEP3H	2.2 / 3.0	50 X 50	2900	13		21	19.5	18	16.5	15	13.5	10					
65SEP5H	3.7 / 5.0	65 X 65	2900	20					19.5	18.9	18.4	17.2	15.7	14	11	4.5	
80SEP5H	3.7 / 5.0	80 X 80	2900	24					23	22.5	21.5	20.5	19.5	17.5	14	10	
32SEP3H	2.2 / 3.0	32 X 32	2900	6		32	29	24.5	18.5	10							
65SEP75H	5.5 / 7.5	65 X 65	2900	12					35.7	35.2	34.5	33	31.5	29	23		
40SEP5H	3.7 / 5.0	40 X 40	2900	6.5		39	37	34.5	31	27	22						
50SEP75H	5.5 / 7.5	50 X 50	2900	4			48.5	47.5	46	44	41	33					