



ALPHA GLOBAL (An ISO 9001:2015 Company)

A-701, FAIRDEAL HOUSE, SWASTIK CROSS ROAD, NAVRANGPURA, AHMEDABAD-380009, IN.

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SUBMERSIBLE SEWAGE SLUDGE & DEWATERING PUMPS

TECHNICAL FEATURES

- + Flow 160 to 7000 LPM
- + Max.Head 55mtr.
- + Protection IP 68
- + Insulation class 'F'
- + Connection DOL/Stare-Delta/ATS
- + Temperature Ambient
- + Motor Two/Four Pole Squirrel Cage
- + Continuous duty Induction motor
- + Rated Speed 2900/1450 RPM
- + Power range 1.0HP to 60.0 HP
- + Voltage 230 VAC 1 Ph, 415V AC 3 Ph, 50Hz



SALIENT FEATURES

Heavy Duty Cast Iron Single/Two/Six vane non-clog impeller Heavy duty C.I volute type casing for maximum efficiency Designed For continuous operation Heavy duty motor design Portable and fixed installation Thermal overload, Moisture control, Overload protection applied through Control Panel.

APPLICATION

- + Sewage System
- + Flood & Pollution Control
- + Industrial Dewatering
- + Waste Water Treatment Plants
- + Municipal Sewage pumping System
- + Building & Construction, Mining, off shore, Industries etc.

MATERIAT OF CONSTRUCTION

- Motor Body - C.I 210 FG 260/55202
- Pump Casing - C.I 210 FG 260
- Shaft - SS 410
- Impeller – CI IS 210 FG 260
- Seal - Sic vs. SIC Mechanical Seal
- PVC insulated Copper Conductor Flexible Cable
- SS model available on request



PERFORMANCE

Single Phase 2900 RPM 50Hz, 220-240 VAC / Three Phase 2900 RPM 50Hz, 415 VAC

Model	H.P.	Suc. Solid Size	Del. Size (mm)	HEAD (mtr)	2	4	8	10	14	18	20	24	28	
RESP 1.0/2	1.0	35	50	D	400	350	240	745						
RESP 2.0/2	2.0	35	50	I	550	525	435	380	225	100				
RESP 3.0/3	3.0	50	75	S	950	880	700	600	370	120				
RESP 5.0/3	5.0	50	75	C		1100	1050	1000	820	590	240			
RESP 5.0/4	5.0	50	100	H		2200	1760	1400	400					
RESP 7.5/4	7.5	50	100	A		2400	2100	1800	800					
RESP 10.0/ 6	10.0	60	150	R	4200	3900	3200	2700	1200					
RESP 12.5/6	12.5	85	150	G		4500	3850	3400	2100					
RESP 15.0/6	15.0	85	150	E		4500	3950	3650	3000	2200	1800	950		
RESP 20.0/6	20.0	100	150			5000	4500	4250	3750	3100	2750	2000	1200	
RESP 25.0/8	25.0	100	200	I		7000	6300	5900	4500	2550	1500			
RESP 30.0/8	30.0	100	200	N			7100	6750	5700	4120	3000	675		
						4	8	12	16	20	24	28	32	40
RESP 10.0/4	10.0	50	100	L	2400	2200	2000	1750	1400	1000	500			
RESP 12.5/4	12.5	50	100	P	2500	2350	2150	1950	1700	1400	1000	550		
RESP 15.0/4	15.0	50	100	M	2800	2600	2400	2175	1950	1700	1400	1100	350	
RESP 20.0/4	20.0	50	100			2640	2550	2400	2220	2040	1860	1620	1080	
RESP 25.0/6	25.0	100	150				3800	3500	3150	2800	2400	2000	1100	
RESP 30.0/6	30.0	100	150				4000	3800	3500	3200	2800	2500	1700	

Three Phase 1440 RPM 50Hz, 415 VAC

Model	H.P.	Suc. Solid Size	Del. Size (mm)	HEAD (mtr)	4	6	8	10	12	16	18	20	22
REDP 2.0/2	2.0	35	50		480	390	300	200	70				
REDP 3.0/4	3.0	60	100		1260	1050	800	450					
REDP 5.0/4	5.0	85	100	D	1650	1500	1320	1100	800	120			
REDP 7.5/4	7.5	85	100	I		2120	1900	1600	1250	400			
RESP 10.0/4	10.0	85	100	S	2600	2475	2325	2100	1800	750			
REDP 12.5/4	12.5	85	100	C	3375	3180	2960	2700	2400	1500	930	300	
REDP 15.0/4	15.0	85	100	H	3750	3550	3300	3000	2700	1950	1470	900	300
REDP 15.0/6	15.0	100	150	A	5187	4750	4350	3700	3000	1250	375		
REDP 20.0/6	20.0	100	150	R	6000	5620	5125	4625	4100	3000	2310	1625	875
				G	6	8	12	16	20	24	32	36	40
REDP 7.5/3	7.5	60	75	E	1410	1330	11155	910	600				
REDP 10.0/3	10.0	60	75		1590	1500	1350	1140	900	600			
REDP 12.5/3	12.5	60	75	I		1800	1600	1440	1240	1000	280		
REDP 15.0/4	15.0	60	100	N		2000	1825	1600	1350	1000			
REDP 20.0/4	20.0	60	100			2250	2100	1975	1800	1575	550		
REDP 25.0/4	25.0	60	100	L	2640	2580	2460	2280	2100	1860	1200	780	
REDP 30.0/4	30.0	60	100	P	2940	2880	2760	2580	2400	2160	1600	1200	720
REDP 25.0/6	25.0	100	150	M	5430	5125	4375	3500	2250	1625			
REDP 30.0/6	30.0	100	150		5930	5690	5060	4350	3125	1625			
					7	10	15	20	25	30	40	50	55
REDP 40.0/4	40.0	100	150		6500	6100	5300	4400	3200	2000			
REDP 50.0/4	50.0	100	150			6500	6000	5200	4400	3500	1200		
REDP 60.0/4	60.0	100	150				6500	6000	5500	5000	3800	2250	1250
REDP 40.4/6	40.0	100	150		4100	4000	3770	3550	3310	3500	2300	1350	600
REDP 50.0/6	50.0	100	150			4500	4250	4100	3840	3625	3050	2350	1890

Contact:

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