

OPENWELL SUBMERSIBLE MONOSET PUMPS (OW SERIES)



Features :

- Stainless steel Shaft- No Corrosion Low wear.
- Thrust Bearing- Carbon v/s SS- Low wear High Efficiency.
- Efficient Motor design to give optimum output with Low Power Consumption.
- Stamping Lamination:- High permeability steel with long life, and increased efficiency.

Application

- Farm irrigation
- Drinking water supplies.
- Drip irrigation.
- Sprinkler irrigation.

Technical Specification for Openwell Submersible Pumpset

TYPE	OW/OS SERIES
Rated Voltage	415V for 3 Phase, 225V for 1 Phase
Voltage Range	300-415 for 3 Phase , 180-240V for 1 Phase
Frequency	50 Hz
Duty	S1
Output KW	0.37 to 2.2 for 1 Phase, 1.1 to 22 for 3 Phase
Output HP	0.5 to 3 for 1 Phase, 1.5 to 30 for 3 Phase
Approximate Speed (RPM)	2800
Connection	STAR upto 7.5HP, STAR DELTA from 10HP & above
Pipe Size	For 1 Phase 32 to 50 MM, for 3 Phase 32 to 100 MM
Min Submergence (mtr)	1.5

Material of Construction

Sr.No.	Pump Component	Material
1	Motor Body	Cast Iron
2	Shaft	Stainless Steel
3	Impeller	Cast Iron
4	Volute	Cast Iron
5	Oil Seal	Rubber
6	Bush	Bronze
7	Thrust Pad	Stainless Steel

OPENWELL SUBMERSIBLE PUMPSET

HORIZONTAL OPENWELL SUBMERSIBLE PUMPS

HORIZONTAL OPENWELL SUBMERSIBLE PUMPS – OW SERIES

RATING	HP	KW	PIPE SIZE DEL(MM)	HEAD IN METRES	DISCHARGE IN LPM
THREE PHASE					
OWHE12-30(3PH)	1	0.75	32X25	17 - 27	150 - 70
OWG1.52	1.5	1.1	32X25	15-30	270-35
OWK22	2	1.5	50x40	10.5-30	315-110
OWM22	2	1.5	50x50	9-21	475-130
OWKS32	3	2.2	50x 40	27-36	290-100
OWN32	3	2.2	65x50	9-24	740-210
OWNH32	3	2.2	65x50	18-27	590-250
OWO32	3	2.2	65x65	10.5-21	830-360
OWKS52	5	3.7	50x40	36-48	400-180
OWNH52	5	3.7	65x50	13.5-36	890-200
OWO52	5	3.7	65x65	12-28.5	840-240
OWP52	5	3.7	80x65	10.5-24	1280-450
OWQ52	5	3.7	80x80	9-21	1400-600
OWS52	5	3.7	100x100	6-18	1550-450
OWNH7.52	7.5	5.5	65x50	33-48	520-230
OWQ7.52	7.5	5.5	80x80	18-33	1300-400
OWP7.52	7.5	5.5	80x65	21-36	1000-580
OWR7.52	7.5	5.5	100x80	12-27	1650-600
OWS7.52	7.5	5.5	100x100	10.5-24	1750-550
OWNH10.2	10	7.5	65x50	33-48	675-500
OWQH10.2	10	7.5	80x80	27-39	1250-485
OWPH10.2	10	7.5	80x65	19.5-39	1320-740
OWR10.2	10	7.5	100x80	15-33	1850-700
OWS10.2	10	7.5	100x100	12-28.5	2000-850
OWPH12.52	12.5	9.3	80x65	28.5-48	1200-480
OWS12.52	12.5	9.3	100x100	19.5-33	2150-1300
OWQH12.52	12.5	9.3	80x80	15 - 33	1670 - 800
OWNH15.2	15	11	65x50	51-78	540-280
OWPH15.2	15	11	80x65	30-51	1270-550
OWR15.2	15	11	100x80	24-42	1950-900
OWS15.2	15	11	100x100	18 -36	2400-1250
OWPH17.52	17.5	13.1	80x65	27-51	1500-500
OWQH17.52	17.5	13.1	80x80	30-54	1675-500
OWPH20.2	20	15	80x65	36-60	1425-825
OWR20.2	20	15	100x80	30-51	1850-800
OWPH25.2	25	18.5	80x65	45-72	1525-575
OWR25.2	25	18.5	100x80	33-51	2100-1400
OWPH30.2	30	22	80x65	45-78	1650-500
OWR30.2	30	22	100x80	33-57	2200-1100
HORIZONTAL OPENWELL SUBMERSIBLE PUMPS- LOW VOLTAGE					
OWN32LV	3	2.2	65x50	9 - 24	740 - 210
OWNH32LV	3	2.2	65x50	18 - 27	590 - 250
OWO32LV	3	2.2	65x65	10.5 - 21	830 - 360
OWNH52LV	5	3.7	65x50	13.5 - 36	890 - 200
OWP52LV	5	3.7	75x65	10.5 - 24	1280 - 450

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RATING	HP	KW	PIPE SIZE DEL(MM)	HEAD IN METRES	DISCHARGE IN LPM
SINGLE PHASE					
OWHD052-14	0.5	0.37	25X25	6-14	180-80
OWHD052-16	0.5	0.37	25X25	9 - 16	105 - 40
OWHD052-18	0.5	0.37	25X25	10-21	135-24
OWHJ12-20	1	0.75	40X40	6-20	360-150
OWHE12-27	1	0.75	32X25	12 - 27	170 - 30
OWHE12-30	1	0.75	32X25	18-30	130-60
OWG1.52(1PH)	1.5	1.1	32X25	15-30	270-35
OWK22(1PH)	2	1.5	50x40	10.5-30	315-110
OWM22(1PH)	2	1.5	50x50	9-21	475-130
OWKS32(1PH)-WOP	3	2.2	50x40	27-36	290-100
OWN32(1PH)-WOP	3	2.2	65x50	9-24	740-210
OWNH32(1PH)-WOP	3	2.2	65x50	18-27	590-250
OWO32(1PH)-WOP	3	2.2	65x65	10.5-21	830-360
OWS32(1PH)-WOP	3	2.2	100x100	6-13.5	1180-300