



Smart solutions.
Strong relationships.

OPENWELL SUBMERSIBLE MONOSET PUMPS



Crompton Greaves Openwell Submersible pumpsets are specially designed for its robustness and for its applications under the submerged condition. Years of experience, superior design and better manufacturing techniques have resulted into development of this range of pumpsets, which are efficient and reliable in operation. Strict quality assurance standards during the total process ensures trouble free and reliable operation with minimum maintenance.

Features

- High Electrical grade Stamping - M47 for better motor efficiency
- Copper Rotor with Chrome plating giving excellent electrical performance & offering non rusting property
- Burnished Shaft gives excellent surface finish & improved hardness for low wearing.
- Bearing bushes are of leaded tin bronze (LTB4) Material
- Casting components are made up of CI Gr. FG 200 for enough strength & painted with Epoxy colour for corrosion resistance

Application

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

Material of Construction

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

Technical Specification of Openwell Submersible Pumpset

TYPE	SHO-AE Series		LHO-AE Series	
	RATED VOLTAGE	415	415	350
VOLTAGE RANGE	350 - 440	350 - 440	250 - 400	250 - 400
FREQUENCY (Hz.)	50	50	50	50
Duty	S1	S1	S1	S1
Output kW	2.20	3.70	2.20	3.70
Output HP	3.00	5.00	3.00	5.00
Approximate Speed (rpm)	2800	2820	2800	2820
Connection	STAR	STAR	STAR	STAR
Pipe Size : Suc. X Del. (mm)	50X40 to 80X80	50X40 to 100X100	50X40 to 80X80	50X40 to 100X100
Min.Submergence (mtrs)	1.5	1.5	1.5	1.5

Approximate Performance Chart at 2880 RMP, 380-415 Volts, 3PH, 50 Hz, AC Supply.

3 HP 2 P RATING

MODEL NAME (CG)	MOTOR RATING		PIPE SIZE IN mm	TOTAL HEAD IN MTRS.															
	kW	H.P.		6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
SHOKM32TAE	2.20	3.00	50X40				306	294	288	282	276	264	252	228	228	216	192	156	126
SHONL32TAE	2.20	3.00	65X50			546	522	498	474	444	420	384	342	300					
SHOOL32TAE	2.20	3.00	65X65			906	852	762	594	396	246								
SHOPL32TAE	2.20	3.00	80X65				870	780	606	432									
SHOQL32TAE	2.20	3.00	80X80	1152	1074	978	822	618											
LHONL32TAE	2.20	3.00	65X50			546	522	498	474	444	420	384	342	300					
LHOOL32TAE	2.20	3.00	65X65			906	852	762	594	396	246								
LHOPL32TAE	2.20	3.00	80X65				870	780	606	432									
LHOQL32TAE	2.20	3.00	80X80	1152	1074	978	822	618											

5 HP 2 P RATING

MODEL NAME (CG)	MOTOR RATING		PIPE SIZE IN mm	TOTAL HEAD IN MTRS.																		
	kW	H.P.		6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	40	44	48
SHOKM52TAE	3.70	5.00	50 X40								312	300	294	288	282	264	252	234	204	156	66	
SHONM52TAE28	3.70	5.00	65 X50					846	786	726	672	588	462	312								
SHONM52TAE32	3.70	5.00	65 X65									672	624	534	414	258						
SHONM52TAE36	3.70	5.00	65 X50											792	714	624	474	312				
SHOOM52TAE26	3.70	5.00	65 X65				1092	1062	1002	900	792	684	546	366								
SHOOM52TAE30	3.70	5.00	65 X65								864	828	726	630	450	282						
SHOPM52TAE	3.70	5.00	80 X65					852	816	726	696	612	516	378								
SHOQM52TAE	3.70	5.00	80 X80	1446	1392	1326	1248	1164	1002	966	516											
SHOSM52TAE	3.70	5.00	100 X100				1392	1326	1182	726	516											
LHONM52TAE28	3.70	5.00	65 X50					846	786	726	672	588	462	312								
LHONM52TAE32	3.70	5.00	65 X65									672	624	534	414	258						
LHONM52TAE36	3.70	5.00	65 X50											792	714	624	474	312				
LHOOM52TAE26	3.70	5.00	65 X65				1092	1062	1002	900	792	684	546	366								
LHOOM52TAE30	3.70	5.00	65 X65								864	828	726	630	450	282						
LHOPM52TAE	3.70	5.00	80 X65					852	816	726	696	612	516	378								
LHOQM52TAE	3.70	5.00	80 X80	1446	1392	1326	1248	1164	1002	966	516											
LHOSM52TAE	3.70	5.00	100 X100				1392	1326	1182	726	516											

Crompton Greaves Limited