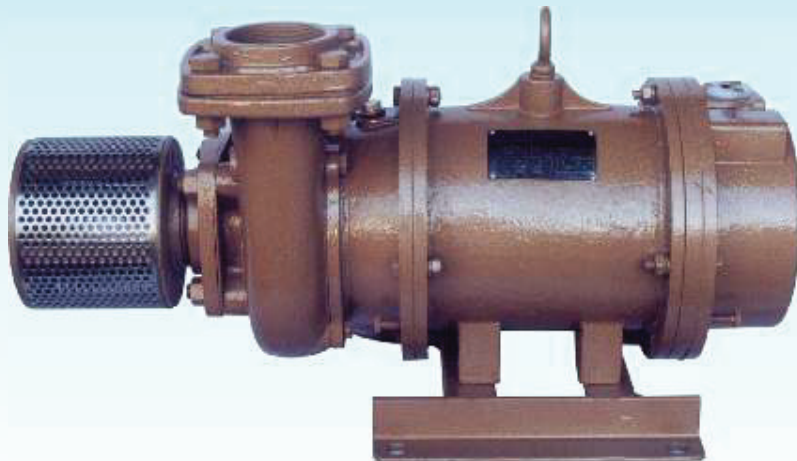


OPENWELL SUBMERSIBLE MONOSET PUMPS



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

- Suitable for operation under submerged condition in water.
- Specially designed to withstand wide voltage fluctuations in 1 phase as well as 3 phase.
- Motor body made of C.I. sturdiness and long life.
- Fitted with sleeves and thrust bearing for longer life.
- Provided with strainer in S.S.
- Motor is water lubricated and fitted with good quality oil seal.
- Suitable for applications where wide water level fluctuations take place in suction side.
- All internal parts of motor are specially coated with primer to prevent rusting for longer life.
- All 1 phase pumpsets are supplied with 10 metres PVC insulated cable and with Control Panel and all 3 phase pumpsets are supplied with 5 metres PVC insulated cable.
- All rotating parts are dynamically balanced for longer bearing life and vibration free smooth and silent operation.

Applications

Used for water supply where there is wide fluctuations in water level in suction tank or water supply source.

- Irrigation
- Small farms
- Bungalows, multistoried buildings
- Gardens
- Domestic water supply
- Community water supply schemes

Standard Specifications

- **Range** : 1P - 0.37 to 2.2 kW (0.5 to 3.0HP) 0.37 to 22.5 kW (0.5 to 30.0 HP).
- **Pipe Size** : 25 x 25 to 100 x 100 mm
- **Speed** : 3000 RPM (Syn.)
- **Total Head** : Upto 87 Metres
- **Capacity** : Upto 1830 LPM
- **Liquid** : Clear water
- **Rotation** : Clockwise when viewed from motor end
- **Motor** : Totally enclosed water filled squirrel cage induction motor suitable for 225V/1 phase and 415V/3 phase, 50Hz, AC supply.

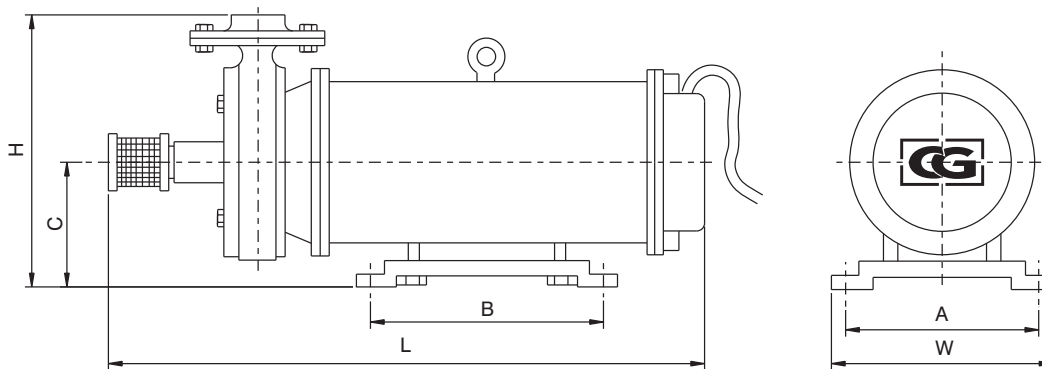
Rating	Motor kW (HP)	Pipe size Suc x Del (mm)	Total Head in Metres															
			15	18	19.5	21	24	25.5	27	28.5	30	33	36	39	42	45	48	
			Discharge in LPM															
SMQH15.2	11.3 (15.0)	80 X80										1520	1480	1360	1160	950		
SMS15.2	11.3 (15.0)	100 x 100	2350	2200	2125	2050	1900	1800	1700	1600	1350							
SMQH17.52	13.1 (17.5)	80 X80										1765	1740	1700	1620	1400	1160	800
SMS17.52	13.1 (17.5)	100 x 100		2320	2290	2240	2170	2130	2080	2000	1900	1700	1200					

Rating	Motor kW (HP)	Pipe size Suc x Del (mm)	Total Head in Metres															
			51	54	57	60	63	66	69	72	75	78	81	84	87			
			Discharge in LPM															
SMQH30.2	22.0 (30.0)	80 X80	1340	1320	1300	1270	1240	1210	1170	1120	1070	1020	935	820	640			

Notes :-

1. The above performance is based on rated voltage (220+6%-15% for 1 Phase 415+6%-15% for 3 Phase) and rated frequency (50Hz±3%).
2. The above performance is subjected to tolerances as per relevant Indian Standards.
3. Pipe sizes mentioned in mm are nearest conversion of inches, but actual pipe threading are provided as per 'BSP' Standard.
4. Total Head = Static Suction + Static Delivery + Losses in pipes, bends etc.
- 5.* Marked ratings are also available in 3 Phase.
- 6.@ Marked ratings are having ISI certification.
7. Also available with SS Stator Body.
8. Also available with copper rotor

DIMENSIONS & SHIPPING SPECIFICATIONS



Rating	Dimensions (mm)						Shipping Specifications		
	A	B	C	L	W	H	Net Weight Kg.	Gross Weight Kg.	Volume Cu. M.
SMDO 52(1Ph)	110	0	90	390	140	220	16.27	17.14	0.026
SMDH 12(1Ph)	170	175	135	475	201	312	34.4	36.63	0.050
SMDS 12(1Ph)	180	185	145	405	205	305	44.3	63.80	0.084
SMG 1.52(1Ph)	180	225	125	600	206	312	44.3	66.00	0.236
SMK 22(1Ph)	180	225	125	600	206	312	47.4	69.10	0.236
SMM 22(1Ph)	180	225	125	600	206	312	47.4	69.10	0.236
SMDO 52(3Ph)	110	0	90	278	140	193	16.27	17.14	0.026
SMDH 12(3Ph)	175	185	128	395	195	280	34.4	61.10	0.184
SMG 1.52(3Ph)	182	230	128	500	205	263	44.3	66.00	0.236
SMK 22(3Ph)	182	230	128	500	205	263	47.4	69.10	0.236
SMKS 32	225	235	160	565	250	352	59	90.00	0.145
SMN 32	225	260	160	600	265	332	63	94.00	0.145

Continued on next page

Rating	Dimensions (mm)						Shipping Specifications		
	A	B	C	L	W	H	Net Weight Kg.	Gross Weight Kg.	Volume Cu. M.
SMO 32	225	260	160	610	260	342	63.00	94.00	0.145
SMS 32	225	260	155	625	310	335	76.00	107.00	0.145
SMKS 52	225	260	165	575	250	372	62.00	93.00	0.145
SMNH 52	225	260	160	600	260	332	68.00	100.00	0.145
SMO 52	225	260	160	610	260	342	66.00	97.00	0.145
SMP 52	225	260	160	610	260	342	65.00	96.00	0.145
SMQ 52	220	260	170	598	258	427	76.00	107.00	0.145
SMS 52	225	260	155	625	310	335	78.00	110.00	0.159
SMNH 6.52	225	260	150	600	260	422	70.00	102.00	0.145
SMO 6.52	225	260	160	585	260	347	68.00	99.00	0.145
SMP 6.52	225	260	160	490	310	330	65.00	96.00	0.145
SMNH 7.52	220	255	155	745	265	362	85.00	117.00	0.175
SMP 7.52	220	255	160	730	265	362	90.00	122.00	0.175
SMQ 7.52	220	255	160	730	265	357	90.00	122.00	0.175
SMR 7.52	220	255	155	750	265	347	93.00	125.00	0.175
SMS 7.52	220	255	155	780	265	347	93.00	125.00	0.175
SMNH 10.2	220	255	155	745	265	362	90.00	123.00	0.175
SMPH 10.2	220	255	160	730	265	362	98.00	130.00	0.175
SMQH 10.2	220	255	160	730	265	360	99.00	131.00	0.175
SMS 10.2	220	255	160	750	265	355	97.00	129.00	0.175
SMQH 12.52	225	365	175	700	255	335	100.50	132.50	0.192
SMS 12.52	225	365	175	700	255	335	101.50	133.50	0.192
SMQH 15.2	225	365	175	685	255	355	101.50	133.50	0.192
SMS 15.2	225	365	175	685	255	355	102.5	134.50	0.192
SMQH 17.52	225	365	175	685	255	355	107.5	139.50	0.192
SMS 17.52	225	365	175	685	255	355	108.50	105.50	0.192
SMQH 30.2	225	385	200	940	280	390	226.50	296.50	0.243

All flanges are with 'BSP' threads.