



Smart solutions.
Strong relationships.

100W SERIES

100mm SUBMERSIBLE PUMPSETS



FEATURES

Motor :

- 3000 RPM (Syn) speed.
- Rewindable
- Dynamically balanced rotor - Vibration free, Longer life & better efficiency.
- Totally enclosed, water filled, squirrel cage induction motor.
- Stainless steel stator body - Rust preventative.
- Stainless steel rotor shaft - Rust preventive.
- Water lubricated specially designed thrust bearing
- PVC insulated copper winding wire with insulation class - B

Pump :

- Pump available in radial flow design
- Jacketed type construction - Ease in Assembly & dismantling
- Suction and discharge outlets are made of cast iron
- NRV fitted in discharge outlet to prevent backflow.

General :

- Better design - Better Efficiency - Low power consumption.
- Light weight - Ease in installation.
- Silent running.
- Reliable in operation.

Applications:

- Irrigation and Drip Irrigation.
- Sprinkler, Gardening, Nursery and Bungalows.
- High Storey buildings & complexes.
- Ornamental fountains.
- Small farms.
- Industrial water supply schemes.

Standard Specifications:

- **Range :** 2 Hp (1.5kW)
- **Max outer dia :** 96.5 mm
- **Speed :** 3000 rpm (Syn.)
- **Total head range:** Upto 208 Metres
- **Capacity:** Upto 150 lpm
- **Voltage Band :** 180 to 240 volts
- **Liquid :** Clear water

Crompton Greaves offers a wide range of Submersible Pumpsets suitable for 100mm borewell. Crompton Greaves Submersible Pumpsets are specially designed, with the use of latest manufacturing techniques, to meet the water requirements of the different needs in Domestic & Agriculture use.

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Performance Chart for 100 mm BOREWELL SUBMERSIBLE Pumpset at 230 volts, 50 Hz AC Supply

Rating	No of Stages	Motor		Outlet Size in MM	Discharge in LPM							
		KW	HP		0	70	85	110	120	130	140	150
					Total Head in Metres							
100W8RA2	8	1.5	2	38	51	47	42	40	38	35	30	25
100W10RA2	10	1.5	2	38	64	59	53	50	47	44	37	31

Rating	No of Stages	Motor		Outlet Size in MM	Discharge in LPM					
		KW	HP		0	54	84	98	114	120
					Total Head in Metres					
100W12RB2	12	1.5	2	38	66	59	50	44	36	32

Rating	No of Stages	Motor		Outlet Size in MM	Discharge in LPM							
		KW	HP		0	20	30	40	50	60	70	90
					Total Head in Metres							
100W18RC2	18	1.5	2	32	103	98	95	93	90	82	75	57

Rating	No of Stages	Motor		Outlet Size in MM	Discharge in LPM							
		KW	HP		0	22	26	37	42	45	55	68
					Total Head in Metres							
100W25RD2	25	1.5	2	32	138	129	121	117	113	104	92	29
100W27RD2	27	1.5	2	32	149	140	131	126	122	113	99	32
100W32RD2	32	1.5	2	32	176	165	155	149	144	133	117	37

Rating	No of Stages	Motor		Outlet Size in MM	Discharge in LPM							
		KW	HP		0	8	15	20	22	25	32	40
					Total Head in Metres							
100W37RE2	37	1.5	2	32	208	194	190	180	171	162	134	93

Rating	No of Stages	Motor		Outlet Size in MM	Discharge in LPM							
		KW	HP		0	23	38	50	56	62	78	90
					Total Head in Metres							
100W14RG2	14	1.5	2	32	118	109	101	92	85	78	58	43

Rating	No of Stages	Motor		Outlet Size in MM	Discharge in LPM							
		KW	HP		0	30	38	47	53	62	69	84
					Total Head in Metres							
100W18RH2	18	1.5	2	32	143	121	114	102	92	77	67	38

Note : Performance figure given above are approximate and may differ on site conditions.

Crompton Greaves Limited

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