



Smart solutions.
Strong relationships.



FEATURES

Motor :

- Motor suitable for 230 V for 1 Ph & 415V for 3 Ph
- 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 preventive.
- 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 :** 3 HP (2.2kW) in 1 Ph, 3 Hp to 7.5 Hp (2.2kW to 5.5kW) in 3Ph
- **Max outer dia :** 96.5 mm
- **Speed :** 3000 rpm (Syn.)
- **Total head range:** Upto 208 Metres
- **Capacity:** Upto 150 lpm
- **Voltage Band :** 180/240V for 1Ph and 350/440V for 3 Ph
- **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.

100W SERIES

100MM SUBMERSIBLE PUMPSETS

PERFORMANCE CHART SUITABLE FOR 100 mm BOREWELL OR ABOVE AT 2880 RPM AT 415 VOLTS THREE PHASE

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							
100W12RA3	12	2.20	3.00	38	80	72	64	62	58	54	46	40
100W15RA3	15	2.20	3.00	38	100	90	80	78	73	68	58	50
100W25RA5	25	3.70	5.00	38	167	150	133	129	121	113	96	83
100W12RA3TP	12	2.20	3.00	38	80	72	64	62	58	54	46	40
100W15RA3TP	15	2.20	3.00	38	100	90	80	78	73	68	58	50
100W25RA5TP	25	3.70	5.00	38	167	150	133	129	121	113	96	83
100W31RA6TP	31	4.50	6.00	38	207	186	165	160	150	140	119	103

Rating	No of Stages	Motor		Outlet Size in MM	Discharge in LPM					
		KW	HP		0	54	84	98	114	120
					Total Head in Metres					
100W18RB3	18	2.20	3.00	38	104	90	77	68	56	50
100W22RB3	22	2.20	3.00	38	127	110	94	83	70	61
100W18RB3TP	18	2.20	3.00	38	104	90	77	68	56	50
100W22RB3TP	22	2.20	3.00	38	127	110	94	83	70	61

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							
100W27RD3	27	2.20	3.00	32	156	145	135	131	126	117	102	34
100W32RD3	32	2.20	3.00	32	185	172	160	155	149	139	121	40

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							
100W30RE3	30	2.20	3.00	32	161	157	153	147	139	131	109	76
100W37RE3	37	2.20	3.00	32	199	193	188	182	171	162	134	94

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

100W SERIES

100MM SUBMERSIBLE PUMPSETS

Rating	No of Stages	Motor		Outlet Size in MM	Discharge in LPM								
		KW	HP		0	34	40	42	50	57	65	72	86
					Total Head in Metres								
1000W18RH3	18	2.20	3.00	32	144	127	126	123	116	106	95	82	47
100W21RH3	21	2.20	3.00	32	168	148	147	144	135	124	111	96	55
100W24RH3	24	2.20	3.00	32	192	169	168	165	154	142	127	110	63
100W26RH3	26	2.20	3.00	32	208	177	173	171	158	143	125	105	67
100W30RH3	30	2.20	3.00	32	240	200	198	197	184	170	153	132	80
1000W18RH3/TP	18	2.20	3.00	32	144	127	126	123	116	106	95	82	47
100W21RH3/TP	21	2.20	3.00	32	168	148	147	144	135	124	111	96	55
100W24RH3/TP	24	2.20	3.00	32	192	169	168	165	154	142	127	110	63
100W26RH3/TP	26	2.20	3.00	32	208	177	173	171	158	143	125	105	67
100W30RH3/TP	30	2.20	3.00	32	240	200	198	197	184	170	153	132	80
100W40RH5TP	40	3.70	5.00	32	320	267	264	263	245	227	204	176	107

Rating	No of Stages	Motor		Outlet Size in MM	Discharge in LPM					
		KW	HP		0	200	250	300	350	366
					Total Head in Metres					
100W9RJ3	9	2.20	3.00	50	48	35	30	23	16	10
100W14RJ3TP	14	3.70	5.00	50	74	55	48	37	29	17
100W9RJ3TP	9	2.20	3.00	50	48	35	30	23	16	10

Rating	No of Stages	Motor		Outlet Size in MM	Discharge in LPM					
		KW	HP		0	110	160	190	220	250
					Total Head in Metres					
100W10RP3	10	2.20	3.00	50	66	55	45	35	30	17
100W12RP3	12	2.20	3.00	50	79	66	54	42	36	20
100W10RP3/TP	10	2.20	3.00	50	66	55	45	35	30	17
100W12RP3/ TP	12	2.20	3.00	50	79	66	54	42	36	20
100W16RP5TP	16	3.70	5.00	50	106	88	72	56	48	27

Rating	No of Stages	Motor		Outlet Size in MM	Discharge in LPM								
		KW	HP		0	120	200	250	300	350	400	450	500
					Total Head in Metres								
100W6RS3	6	2.20	3.00	65	37	33	30	27	24	21	18	15	12
100W7RS3	7	2.20	3.00	65	37	33	30	27	24	21	18	15	12
100W6RS3/TP	6	2.20	3.00	65	37	33	30	27	24	21	18	15	12
100W7RS3/TP	7	2.20	3.00	65	37	33	30	27	24	21	18	15	12
100W10RS5TP	10	3.70	5.00	65	61	55	50	45	40	35	30	25	20
100W14RS7.5TP	14	5.50	7.50	65	86	77	70	63	56	49	42	35	28

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Crompton Greaves Limited

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