

RESIDENTIAL PUMPS

Product Explorer



Crompton

PUMPS : AN OVERVIEW

Crompton Greaves Consumer Electricals Limited, is the leading manufacturer of all types of pumps suitable for handling water, finding applications in Agricultural, Residential and Commercial Sectors.

Pumps manufactured by CGCEL are customer friendly and are very reliable. CGCEL has an ever increasing range of energy efficient pumps.

Today **Crompton Greaves Consumer Electricals Limited** is the only company having a wide product range of more than 2000 varied pump models catering to different areas of application i.e. Residential, Agricultural, Commercial & Industrial Sectors under one roof.

Our product range broadly covers :

Submersible Pump Sets: Suitable for Openwell and Borewell ranging from diameter 75mm to 250 mm

Panels: Suitable for Borewell pumps upto 100 mm diameter

GSM Controller

Cables: Submersible cables up to 6 sq mm

Surface Mounted Pumps : Monosets in self-priming and non-self priming

Solar Pumping System in AC and DC

Jet Pumps : Shallow well, Multi stage, Twin Type and Packer Type

Swimming Pool Pumps

Horizontal & Vertical Multistage Pumps : Useful for RO & Pressure Boosting applications.

Sewage Pumps

End Suction Pumps in accordance with DIN 24255

Non Clog Dewatering Self Priming Pumps in bare shaft, monosets and coupled

We have set up a large state of the art manufacturing plant, at MIDC Ahmednagar, with complete computerized testing facilities and adherence to latest quality standards to meet the varied needs of customers

The company has more than 300 models in the 4 star and 5 star category duly approved by the **Bureau of Energy Efficiency** a nodal agency under the Ministry of Power to serve varied needs in Agriculture and Industries.



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Mini Pacific & Mini Master Plus Self Priming Regenerative Pumps



Crompton Self Priming Pumps are specially designed and developed to meet water requirements of various needs such as Residential Bungalows, Small farms etc. These pumps have 8 mtrs. suction lift.

Features

- CED coated pump components in Pacific Series
- Brass insert provided in casing & adaptor
- Brass Impeller
- Self Priming upto 8.0mm at mean sea level
- High quality and long life mechanical seal
- Fitted with Thermal Overload Protector
- IP 55 protection
- Class F insulation
- Aluminium pressure die cast motor body
- Motor design - capacitor start and run (PSC) type eliminating centrifugal switch

Applications

- Water supply to residential bungalows, garages, flats, laundries, clubs
- Gardening, lawn sprinklers
- Booster applications

Standard Specifications

- Range: 0.37 & 0.75 kW (0.5 & 1.0 HP)
- Pipe Size: 25 x 25mm
- Total Head: 6 to 55 meters
- Capacity: Upto 4280 LPH
- Liquid: Clear water
- Operating temperature: Suitable for 65° C water
- Rotation: Clockwise when viewed from motor end
- Voltage Band: 180 to 240 volts

Performance chart for Mini Pacific and Mini Master Plus Pump at 220 volts, 1PH, 50 Hz AC Supply

Rating	Motor		Pipe Size SucXDel mm	Head in Meters								
				6	12	18	24	27	36	42	55	
	kW	HP		Discharge in LPH								
MINI PACIFIC II	0.37	0.5	25 x 25	2760	2340	1890	1400	1150	640			
MINI PACIFIC I	0.75	1.0	25 x 25	4280	3880	3490	3020	2800	2120	1700	700	
MINI MASTERPLUS II	0.37	0.5	25 x 25	2700	2290	1800	1350	1140	500			
MINI MASTERPLUS I	0.75	1.0	25 x 25	4250	3800	3350	2900	2650	1960	1510	900@50M	



Mini Force Pressure Booster Pump



Crompton Mini Force pumps will cater your requirement of having constant pressure in home/apartment. This system will start automatically when system (Cut in) pressure will be 1.1 bar and will stop automatically when system (Cut off) pressure will be 1.8 bar.

Features

- Brass insert provided in casing & adaptor to avoid pump jamming
- Light weight and compact design
- The automatic pressure system is designed to automatically start & stop the pump on opening and closing of taps and maintains the system pressure
- Motor fitted with thermal overload protector (TOP)
- Two litre pressure tank with special rubber bladder and pressure switch
- Wear resistant shaft and impeller

Working Method

- The automatic pressure system is designed to automatically start & stop the pump on opening and closing of taps and maintains the system pressure

Accessories

- Two litre pressure tank
- Pressure switch

Applications

- For pressurised water, showers in bathroom

Standard Specifications

- Range: 0.37 kW (0.5 HP)
- Pipe Size: 25 x 25mm
- Total Head: 6 to 24 meters
- Capacity: Upto 2000 LPH
- Liquid: Clear water
- Operating temperature: Suitable for 65° C water
- Rotation: Clockwise when viewed from motor end
- Voltage Band: 180 to 240 volts

Performance chart for MINI FORCE Pump at 220 volts, 1PH, 50 Hz AC Supply

Rating	Motor		Pipe Size SucXDel mm	Head in Meters							
	kW	HP		6	9	12	15	16.5	18	21	24
				Discharge in LPH							
MINI FORCE II	0.37	0.5	25 x 25	2000	1730	1460	1200	1060	930	660	400



Single Pressure Booster



Features

- Automatic ON and OFF (Based on demand of the system when taps are opened and closed)
- Pump fitted with thermal overload protector (TOP)
- Noiseless Operation
- Low Power consumption
- Easy for maintenance
- IP Protection: IP55
- Class of Insulation F
- Y type brass strainer and float switch supplied as a standard scope of supply
- Pressure setting can be changed as per requirement

Applications

- Domestic pressure boosting applications
- Pressure boosting applications in bungalows, apartments, hotels etc.
- Lawn sprinklers, fountains and small farm irrigation

Standard Specifications

- Power Range - 0,37 kW to 1,5 kW
- Power supply - Single phase 220 V, 50 Hz AC supply
- Motor - Capacitor start and run motor, TEFC type
- Speed - 2900 RPM
- Head - up to 57 m
- Liquid temperature - Maximum 60 C
- Suction lift - Maximum 7 m
- Operating pressure - Maximum 7 Bar

Performance chart for 10 MSMB Series at 220 volts, 1PH, 50 Hz AC Supply

Rating	Power (kW/HP)	Pipe Size SucxDel mm	Recomm- ended Pressure Setting (Bar)	Type of Tank	No. of bathrooms recommended	Discharge M ³ /H LPH	0.9	1.2	1.5	2	2.5	3	3.9	4.2
							900	1200	1500	2000	2500	3000	3900	4200
10MSMB3D0.50-O25	0.37/0.5	25 X 25	1.5-3.5	Oval	2	Head (m)	27	25	23	18.5	15	12	6	4
10MSMB4D0.75-O25	0.55/0.75	25 X 25	1.5-4.5	Oval	3		35	33	30	25	20	17	8	6
10MSMB5D1.00-O25	0.75/1.0	25 X 25	1.5-5.0	Oval	3		45	41	38	31	26	21	10	7
10MSMB3D0.50-V25	0.37/0.5	25 X 25	1.5-3.5	Vertical	2		27	25	23	18.5	15	12	6	4
10MSMB4D0.75-V25	0.55/0.75	25 X 25	1.5-4.5	Vertical	3		35	33	30	25	20	17	8	6
10MSMB5D1.00-V25	0.75/1.0	25 X 25	1.5-5.0	Vertical	3		45	41	38	31	26	21	10	7

Performance chart for CF - Crompton Force Series at 220 volts, 1PH, 50 Hz AC Supply

Rating	Power (kW/HP)	Pipe Size SucxDel mm	Recomm- ended Pressure Setting (Bar)	Tank Size (ltr)	Tank Precharge (Bar)	Discharge in LPM	Head in Meters							
							10	20	30	40	60	80	100	120
CFCHM2-4C-V24	0.55/0.75	25 X 25	1.8 - 3.2	24	1.6		35	33	30	27	16			
CFCHM2-6C-V24	0.75/1.0	25 X 25	3 - 4.8	24	2.8		53	49	45	39	23			
CFCHM4-4C-V24	0.75/1.0	32 X 25	1.8 - 3.2	24	1.6		39	38	36	35	31	27	23	17
CFCHM4-6C-V24	1.1/1.5	32 X 25	2.5 - 4.5	24	2.3		57	55	53	51	47	42	37	30
CFCHD2-2S-V24	0.37/0.5	25 X 25	1.1 - 1.8	24	1.0		18	16	14	12	6			
CFCHD2-3S-V24	0.37/0.5	25 x 25	1.4 - 2.5	24	1.2		26	24	22	19	10			
CFCHD2-4S-V24	0.55/0.75	25 X 25	1.8 - 3.2	24	1.6		35	33	30	25	16			
CFCHD4-4S-V24	0.75/1.0	32 x 25	1.8 - 3.2	24	1.6		38	37	36	35	33	28	23	15

Mini Series

Self Priming Regenerative Pump



Features

- Self Priming upto 8.0metres at mean sea level
- Unique motor design-capacitor start and run (PSC) type eliminating centrifugal switch
- Aluminium pressure die cast / Aluminium extruded motor body
- Brass Impeller
- High quality and long life mechanical seal
- Fitted with Thermal Overload Protector

Applications

- Water supply to residential bungalows, garages, flats, laundries, clubs
- Gardening and Lawn sprinklers
- Booster applications

Standard Specifications

- Range: 0.094 to 1.1 kW (0.125 to 1.5 HP)
- Pipe Size: 13 x 13 to 25 x 25mm
- Total Head: 3 to 54 meters
- Capacity: Upto 5200 LPH
- Liquid: Clear water
- Operating temperature: Suitable for 65°C Water
- Rotation: Clockwise when viewed from motor end
- Voltage Band: 180 to 240 volts for single phase & 350 to 440 volts for three phase

Performance chart for MINI Series Pump at 220/415 volts, 1PH/3PH, 50 Hz AC Supply

Rating	Motor		Pipe Size SucXDel mm	Head in Meters								
				3	6	15	24	30	39	48	54	
	kW	HP		Discharge in LPH								
MINIMASTER IV	0.094	0.125	13 x 13	1650	1370	525						
MINI GANGA IV	0.094	0.125	13 x 13	1450	1330	520						
MINIMASTER III	0.18	0.25	20 x 20	1950	1720	1040	700@19.5M					
MINISTAR III	0.18	0.25	20 x 20	1860	1610	860	600@18M					
MINI GANGA III	0.18	0.25	20 x 20	1550	1440	880	700@18M					
MINIMASTER II	0.37	0.5	25 x 25		2600	1860	1100	600				
MINIMASTER II (3PH)	0.37	0.5	25 x 25		2600	1860	1100	600				
MINISTAR II	0.37	0.5	25 x 25		2400	1590	800	400@28.5M				
MINIMARVEL II	0.37	0.5	25 x 25		2000	1200	400					
MINI WIN II	0.37	0.5	25 x 25		2600	1800	1150	570@28.5M				
MINI SAMUDRA II	0.37	0.5	25 x 25		1980	1110	400					
MINI SARITA II	0.37	0.5	25 x 25	2100	1900	1230	350					
MINI GANGA II	0.37	0.5	25 x 25		1610	1050	400					
MINI SAPPHIRE II	0.37	0.5	25 x 25		1830	1200	510	425@25M				
MINI AMBER II	0.37	0.5	25 x 25		1860	1150	400					
MINIMASTER I	0.75	1.0	25 x 25		4000	3340	2690	2250	1590	950		
MINIMASTER I (3PH)	0.75	1.0	25 x 25		4000	3340	2690	2250	1590	950		
MINISTAR I	0.75	1.0	25 x 25		3350	2750	2150	1750	1150	750@45M		
MINIMARVEL I	0.75	1.0	25 x 25		3000	2400	1800	1400	750			
MINI GANGA I	0.75	1.0	25 x 25		2850	2080	1350	880	450@36M			
MINI SAMUDRA I	0.75	1.0	25 x 25		2600	1900	1220	760	520@33M			
MINI SAPPHIRE I	0.75	1.0	25 x 25		3180	2480	1880	1500	600			
MINI AMBER I	0.75	1.0	25 x 25		3180	2480	1880	1500	600			
MINI XTRAA	1.1	1.5	25 x 25				5200	4500	3500	2480	1800	

Flomax Series

Self Priming Regenerative Monoset Pump



Crompton Self Priming Monoset Pumps 'FLOMAX' series are specially designed and developed to meet water requirements of various needs such as Residential Bungalows, Gardens, etc. These pumps are ideal for lifting water upto 15 mtrs. (upto 2 storeys) with a suction lift of minimum 3.5 mtrs.

Features

- Stainless steel shaft - No corrosion
- High quality and long life mechanical seal
- Unique motor design - capacitor start and run (PSC) type eliminating centrifugal switch
- Fitted with terminal block
- Self priming upto 3.5 metres at mean sea level
- Compact design

Applications

- Residential bungalows, flats, laundries, clubs
- Lawn Sprinklers
- Car washing
- Ornamental Fountains
- Water circulation in Solar Heater Systems

Standard Specifications

- Range: 0.37kW to 0.75kW (0.5 to 1HP)
- Pipe Size: 25 x 25 mm
- Total Head: Upto 42 meters
- Capacity: Upto 3000 LPH
- Liquid: Clear water
- Rotation: Clockwise as viewed from motor end
- Operating temperature: Suitable upto 60° C water
- Voltage Band: 180 to 240 volts

Electric Motor

- TEFC enclosure, 2 Pole (3000 RPM Syn. Speed), 220V, 50 Hz, AC Supply

Performance chart for FLOMAX Series Pump at 220 volts, 1PH, 50 Hz AC Supply

Rating	Motor		Pipe Size SucxDel (mm)	Head in Meters							
	kW	HP		6	9	12	15	18	21	27	30
FLOMAX II / FLOMAXCI II	0.37	0.5	25 x 25	3000	2675	2350	2050	1750	1425	800	500

Rating	Motor		Pipe Size SucxDel (mm)	Head in Meters							
	kW	HP		12	15	18	21	27	30	35	42
FLOMAX I	0.75	1.0	25 x 25	2400	2300	2200	2120	1900	1800	1650	1400



Aquagold Series

Self Priming Regenerative Pump



Crompton Self Priming Monoset Pumps - 'AQUA' series are specially designed and developed to meet water requirements of various needs such as flats, lawns, etc. These pumps are best suited for higher suction lift upto 8 mtrs.

Features

- SS Casing and Brass impeller - No corrosion
- Stainless steel shaft - No corrosion
- TEFC enclosure - totally enclosed squirrel cage induction motor
- High quality and long life mechanical seal
- Self priming up to 8.0 meters at mean sea level
- Aluminium pressure die cast motor body
- Provided handle for easy lifting
- Fitted with terminal box
- Rotor is dynamically balanced for longer bearing life and vibration free smooth and silent operation

Applications

- Residential bungalows, flats, laundries, clubs
- Booster applications
- Car washing
- Ornamental fountains
- Water circulation in solar heater systems

Standard Specifications

- Range: 0.5 HP to 1 HP (0.37kW to 0.75kW)
- Pipe Size: 15 x 15 mm to 25 X 25 mm
- Total Head: Upto 36 meters
- Capacity: Upto 2150 LPH
- Liquid: Clear water
- Rotation: Clockwise as viewed from motor end
- Operating temperature: Suitable upto 65°C
- Voltage Band: 180 to 240 volts

Performance chart for AQUA Series Pump at 220 volts, 1PH, 50 Hz AC Supply

Rating	Motor		Pipe Size SucXDel mm	Head in Meters								
				6	12	18	21	27	30	33	36	
	kW	HP		Discharge in LPH								
AQUAGOLD 50	0,37	0,5	15 X 15	1500	1200	950	800	350				
AQUAGOLD 75	0,55	0,75	25 X 25	1900	1650	1400	1250	950	800			
AQUAGOLD 100	0,75	1,0	25 X 25	2150	1850	1550	1400	1050	850	650	400	



Stainless Steel Pump
100 MM Submersible Pump



Features

Motor

- Suitable in Wide Voltage
- Winding Wire - High Quality Insulation
- Shaft - Stainless Steel
- Thrust Bearing- High Quality Carbon Vs Steel Combination
- All Fasteners - Stainless Steel
- Motor - Water filled, Easy to Rewind
- Higher Efficiency - Higher Water Discharge at Low Power Consumption
- Copper Rotor

Pump

- All Pump Parts - Stainless Steel
- 40% Higher Efficiency
- Wear & Abrasion Resistance
- Lower Suction Housing - Precision Cast Stainless Steel
- Hexagonal Pump Shaft - Higher Strength Against Radial Load
- In-built Strainer - Prevent Sand & Particles Entry
- Negligible Maintenance Cost
- Excellent Aesthetics

Standard Specification

- Range: 0,37 kW to 1,5 kW (0,5HP to 2HP)
- Speed: 3000 (Syn.)
- Total Head Range: Upto 176 M
- Total Discharge Range: Upto 180 LPM

Application

- Irrigation and Drip Irrigation
- Sprinkler, Gardening and Bungalows
- High Storey Buildings
- Industrial Water Supply Schemes

Performance chart for 100mm Stainless Steel Borewell Submersible Pump at 220/415 volts, 1PH/3PH, 50 Hz AC Supply

Rating	No of Stages	Motor		Outlet Size in MM	Discharge in LPM						
		kW	HP		13	25	34	42	51	59	64
					Head in Meters						
4CSSF3-0508	8	0.37	0.5	32	44	40	36	32	24	16	6
4CSSF3-7509	9	0.55	0.75	32	48	44	40	36	28	18	10
4CSSF3-7511	11	0.55	0.75	32	59	54	50	46	38	28	18
4CSSF3-7512	12	0.55	0.75	32	66	60	54	48	36	24	12
4CSSF3-1014	14	0.75	1.0	32	75	69	65	58	49	37	25
4CSSF3-1016*	16	0.75	1.0	32	88	80	72	64	48	32	16
4CSSF3-1018*	18	0.75	1.0	32	99	90	81	72	54	36	18
4CSSF3-1520*	20	1.1	1.5	32	110	100	90	80	60	40	20
4CSSF3-1525*	25	1.1	1.5	32	138	125	113	100	75	50	25
4CSSF3-2020*	20	1.5	2.0	32	110	100	90	80	60	40	20
4CSSF3-2022*	22	1.5	2.0	32	121	110	99	88	66	44	22
4CSSF3-2025*	25	1.5	2.0	32	138	125	113	100	75	50	25
4CSSF3-2028*	28	1.5	2.0	32	154	140	126	112	84	56	28
4CSSF3-2032*	32	1.5	2.0	32	176	160	144	128	96	64	32

Note : 1. *Also available in 3 Phase
2. Performance figure given above are approximate and differ on site conditions

Performance chart for 100mm Stainless Steel Borewell Submersible Pump at 220/415 volts, 1PH/3PH, 50 Hz AC Supply

Rating	No of Stages	Motor		Outlet Size in mm	Discharge in LPM						
		kW	HP		22	40	60	70	80	90	100
					Head in Meters						
4CSSF5-0506	6	0.37	0.5	40	33	30	27	24	18	12	6
4CSSF5-7508	8	0.55	0.75	40	44	40	36	32	24	16	8
4CSSF5-1010*	10	0.75	1.0	40	55	50	45	40	30	20	10
4CSSF5-1012*	12	0.75	1.0	40	66	60	54	48	36	24	12
4CSSF5-1515*	15	1.1	1.5	40	83	75	68	60	45	30	15
4CSSF5-1518*	18	1.1	1.5	40	99	90	81	72	54	36	18
4CSSF5-2015*	15	1.5	2.0	40	83	75	68	60	45	30	15
4CSSF5-2020*	20	1.5	2.0	40	110	100	90	80	60	40	20
4CSSF5-2024*	24	1.5	2.0	40	132	120	108	96	72	48	24

Rating	No of Stages	Motor		Outlet Size in mm	Discharge in LPM						
		kW	HP		45	80	115	135	155	170	180
					Head in Meters						
4CSSF8-1006*	6	0.75	1.0	50	30	27	24	21	18	15	12
4CSSF8-1510*	10	1.1	1.5	50	50	45	40	35	30	25	20
4CSSF8-2012*	12	1.5	2.0	50	60	54	48	42	36	30	24

Note : 1.* Also available in 3 Phase



75 MM Submersible Pump



Crompton offers a wide range of Submersible Pumpsets suitable for 75mm & 100mm borewell. Crompton 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.

Applications

- Irrigation and Drip Irrigation
- Sprinkler, Gardening, Nursery and Bungalows
- High Storey buildings & complexes
- Industrial water supply schemes

Features

Motor

- Energy Efficient
- Dynamically balanced rotor
- Totally enclosed, water filled, squirrel cage induction motor
- Cap Start & Run (PSC) for AC supply
- Stainless steel stator body
- Special water resistant PVC insulated high quality copper winding wire
- Stainless steel rotor shaft
- Epoxy coated rotor
- Specially designed thrust pad

Pump

- Corrosion and abrasion resistant parts are made of stainless steel, high strength engineering polymers and special alloy materials
- Designed for optimum efficiency
- Modular construction
- 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

Standard Specifications

- Suitable for 75 mm or bigger borewell
- Range: 0,37 to 0,94 kW (0,50-1,25 HP)
- Max outer dia: 72 mm
- Speed: 3000 rpm (Syn.)
- Total head range: Upto 97 meters
- Capacity: Upto 90 lpm
- Discharge outlet size: 32 mm
- Liquid: Clear water
- Motor squirrel cage water filled electric motor for 220 Volts, 50 Hz, AC for 1 Phase
- Voltage Band: 180 to 240 Volts for 1 Phase

Performance chart for 75 mm Water Filled Borewell Submersible Pump at 220 volts, 50 Hz AC Supply

Rating	No of Stages	Motor		Outlet Size in mm	Discharge in LPM							
					10	20	30	40	50	60	75	90
		kW	HP		Head in Meters							
3W6B0,5	6	0,37	0,5	32	31	28	26	24	21	18	12	6
3W10B1-VX	10	0.75	1.0	32	46	42	40	37	34	32	22	11
3W12B1-VX	12	0.75	1.0	32	62	57	52	48	42	36	24	12
3W16J1-VX	16	0.75	1.0	25	78	74	72	70	51			
3W16J1-VX-32	16	0.75	1.0	32	78	74	72	70	51			
3W18J1-VX	18	0.75	1.0	32	87	85	76	64	49			

Rating	No of Stages	Motor		Outlet Size in mm	Discharge in LPM							
					10	20	30	40	50	60	70	90
		kW	HP		Head in Meters							
75W10RC1	10	0.75	1.0	32	47	45	41	39	36	32	28	11
75W12RC1	12	0.75	1.0	32	57	53	51	47	42	38	32	13
75W15RC1.25	15	0.94	1.25	32	71	68	63	58	53	48	40	17

Performance chart for 75 mm Oil Filled Borewell Submersible Pump at 220 volts,50 Hz AC Supply

Rating	No of Stages	Motor		Outlet Size in mm	Discharge in LPM							
		kW	HP		10	20	30	40	50	60	70	80
					Head in Meters							
3VO10RC1	10	0.75	1.0	32		45	42	40	37	32	26	17
3VO12RC1	12	0.75	1.0	32		54	50	48	44	38	31	20
3VO14RB1	14	0.75	1.0	32	42	41	39	29	25	21		
3VO25RA1	25	0.75	1.0	32	68	60	45	28	12			
3VO15RC1.25	15	0.94	1.25	32		67	63	60	55	48	39	25
3VO30RA1.25	30	0.94	1.25	32	81	72	54	33	15			
3VO36RA1.25	36	0.94	1.25	32	97	86	63	40	18			

Performance chart for 85 mm Water Filled Borewell Submersible Pump at 220 volts,50 Hz AC Supply

Rating	No of Stages	Motor		Outlet Size in mm	Discharge in LPM							
		kW	HP		10	15	20	25	30	40	45	50
					Head in Meters							
3.5W28K1.5	28	1.10	1.5	32	126	120	112	101	188	50		
3.5W3K2.0	32	1.50	2.0	32	140	133	125	115	103	68	45	10



100 MM Submersible Pump



Features

Motor

- Energy efficient
- Dynamically balanced & Epoxy coated rotor
- Totally enclosed, water filled / oil filled squirrel cage induction motor
- Cap Start & Run (PSC) for AC supply
- Stainless steel stator body
- PVC insulated high quality winding wire
- Specially designed thrust pad

Pump

- Designed for optimum efficiency
- Modular construction
- 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

Standard Specifications

- Suitable for 100 mm or bigger borewell.
- Range: 0.37 to 1.5 kW (0.50-2.0 HP) in 1 PH & 3 PH
- Max outer dia: 96.5 mm
- Speed: 3000 rpm (Syn.)
- Total head range: Upto 170 Meters
- Capacity: Upto 330 lpm
- Discharge outlet size: 32 mm to 50 mm
- Liquid: Clear water
- Voltage Band: 180 to 240 Volts for 1 Phase and 350 to 440 Volts for 3 Phase

Applications

- Irrigation and Drip Irrigation
- Sprinkler, Gardening, Nursery and Bungalows

Performance chart for 100 mm Water Filled Borewell Submersible Pump at 220 volts, 50 Hz AC Supply

Rating	No of Stages	Motor		Outlet Size in mm	Discharge in LPM						
		kW	HP		20	40	60	70	80	90	100
					Head in Meters						
CG4/WB/1007	7	0.75	1.0	40	51	46	38	34	27	22	12

Rating	No of Stages	Motor		Outlet Size in mm	Discharge in LPM						
		kW	HP		10	15	20	25	30	35	40
					Head in Meters						
4W8K0.5J-VX	8	0.37	0.5	32	54	50	47	43	39	34	29
4W9K0.75J-VX	9	0.55	0.75	32	61	56	52	48	43	38	32
4W11K0.75J-VX	11	0.55	0.75	32	74	69	64	59	53	47	39
4W11K1J-VX	11	0.75	1.0	32	78	73	68	63	57	50	43
4W14K1J-VX	14	0.75	1.0	32	95	88	81	75	67	60	50
4W16K1J-VX	16	0.75	1.0	32	108	100	93	86	77	68	57
4W18K1.5J-VX	18	1.13	1.5	32	121	112	105	97	87	76	64
4W20K1.5J-VX	20	1.13	1.5	32	134	124	117	108	97	84	71
4W22K2J-VX	22	1.5	2.0	32	149	138	128	118	106	94	78

Performance chart for 100 mm Water Filled Borewell Submersible Pump at 220 volts for 1 PH & 415 volts for 3 PH , 50 Hz AC Supply

Rating	No of Stages	Motor		Outlet Size in mm	Discharge in LPM						
		kW	HP		10	20	30	50	70	100	140
					Head in Meters						
4W4B0.5J-VX	4	0.37	0.5	40		27	26	23	19	11	
4W8B1J-VX	8	0.75	1.0	40		54	51	45	38	22	
4W8B1J-32-VX	8	0.75	1.0	32		54	51	45	38	22	
4W10H1J-VX	10	0.75	1.0	32			53	47	38		
4W9B1.5J-VX	9	1.13	1.5	32	73	63	60	54	47	26	
4W9C1.5TPJ-VX	9	1.13	1.5	40			54	53	48	39	21
4W10B1.5J-VX	10	1.13	1.5	40		67	64	56	47	27	
4W10B1.5TPJ-VX											
4W12B1.5J-VX	12	1.13	1.5	40		81	77	68	56	33	
4W12B1.5TPJ-VX											
4W10C1.5J-VX	10	1.1	1.5	40			61	52	48	39	21
4W10C2J-V	10	1.5	2.0	40			61	58	55	44	23
4W10C2J-50-VX	10	1.5	2.0	50			61	58	55	44	23
4W12C2J-VX	12	1.5	2.0	40			73	70	65	53	28
4W12C2TPJ-VX											
4W12C2J-50-VX	12	1.5	2.0	50			73	70	65	53	28
4W12C2TPJ-50-VX											
4W12C2J(I)-50-VX											
4W14C2J-VX	14	1.5	2.0	40			85	80	74	62	32
4W14C2TPJ-VX											
4W14B2J-VX	14	1.5	2.0	40		94	90	79	65	39	
4W15B2J-VX	15	1.5	2.0	40		101	96	85	71	41	
4W17B2J-VX	17	1.5	2.0	40		115	109	96	81	46	

Rating	No of Stages	Motor		Outlet Size in mm	Discharge in LPM						
		kW	HP		10	20	30	40	50	60	70
					Head in Meters						
4W14L1J-VX	14	0.75	1.0	40	86	78	69	56	42	29	
4W18L1.5J-VX	18	1.1	1.5	40	111	101	88	72	54	37	
4W21L1.5J-VX/4W21L1.5TPJ-VX	22	1.1	1.5	40	129	118	103	84	63	43	
4W26L2J-VX	26	1.5	2.0	40	160	146	127	104	78	53	
4W27L2J-VX/4W27L2TPJ-VX	27	1.5	2.0	40	166	151	132	108	81	55	

Rating	No of Stages	Motor		Outlet Size in mm	Discharge in LPM						
		kW	HP		150	180	210	240	270	300	330
					Head in Meters						
4W5F2J-VX	5	1.5	2.0	50	21	20	18	15	12	9	5

Performance chart for 100 mm Water Filled Borewell Submersible Pump at 220 volts, 50 Hz AC Supply

Rating	No of Stages	Motor		Outlet Size in mm	Discharge in LPM							
		kW	HP		10	20	30	50	80	90	120	150
					Head in Meters							
100W6RI0.5	6	0.37	0.5	32	39	35	30	8				
100W/RJ/1007	7	0.75	1.0	32		53	48	38	12			
100W/RJ/1007-40	7	0.75	1.0	40		53	48	38	12			
100W8RJ1	8	0.75	1.0	32		60	57	47	24			
100W8RJ1-40	8	0.75	1.0	40		60	57	47	24			
100W10RJ1	10	0.75	1.0	32		72	67	54	25			
100W14RI1	14	0.75	1.0	32	90	82	58	15				
100W14RI1-40	14	0.75	1.0	40	90	82	58	15				
100W16RI1	16	0.75	1.0	32	105	94	77	17				
100W12RJ1.5	12	1.1	1.5	32			90	80	6	36		
100W18RI1.5	18	1.1	1.5	32	118	105	87	28				
100W8RA2/100W8RA2(I)	8	1.5	2.0	38	50		49	48	45	44	38	25
100W8RA2-50/ 100W8RA2-50(I)	8	1.5	2.0	50	50		49	48	45	44	38	25
100W10RA2	10	1.5	2.0	38	63		61	60		53	47	31
100W10RA2-50	10	1.5	2.0	50	63		61	60		53	47	31
100W14RG2	14	1.5	2.0	32			105	93	54	42		
100W32RD2	32	1.5	2.0	32	170	165	153	125	37@70M			

'CS' Series

Rating	No of Stages	Motor		Outlet Size in mm	Discharge in LPM							
		kW	HP		20	30	40	50	60	65	95	120
					Head in Meters							
CSC-0508	8	0.37	0.5	32	50	40	32	22				
CSC-1010-VX	10	0.75	1.0	40	56	53	50	48	45	41	22	5



Performance chart for 100 mm Oil Filled Borewell Submersible Pump at 220 volts, 50 Hz AC Supply

Rating	No of Stages	Motor		Outlet Size in mm	Discharge in LPM							
		kW	HP		10	20	30	40	60	80	90	120
					Head in Meters							
4VO6RI0.5	6	0.37	0.5	32	39	34	25	20				
4VO8RE0.5	8	0.37	0.5	32	42	33	31	20				
4VO10RI0.75	10	0.55	0.75	32	64	55	50	33				
4VO14RE0.75	14	0.55	0.75	32	74	67	55	35				
4VO/RJ/1007	7	0.75	1.0	32			51	46	34	12		
4VO8RJ1	8	0.75	1.0	32		63	60	57	47		24	
4VO10RC1	10	0.75	1.0	32		56	54	52	45		30	
4VO10RI1	10	0.75	1.0	32	64	57	47	33				
4VO14RI1	14	0.75	1.0	32	90	79	65	47				
4VO16RI1	16	0.75	1.0	32	103	91	75	53				
4VO18RE1	18	0.75	1.0	32	95	86	70	45				
4VO21RE1	21	0.75	1.0	32	111	101	82	52				
4VO10RH1.5	10	1.1	1.5	32		71	67	60	47		23	
4VO18RI1.5	18	1.1	1.5	32	116	102	83	60				
4VO12RB2	12	1.5	2.0	38	78	77	76	74	68	60	55	37
4VO20RI2	20	1.5	2.0	32	129	113	93	67				

Rating	No of Stages	Motor		Outlet Size in mm	Discharge in LPM							
		kW	HP		110	130	160	190	220	230	250	260
					Head in Meters							
4VO6RP1.5	6	1.1	1.5	50	32	28	26	20	17	12	9	
4VO8RP2	8	1.5	2.0	50	43	37	35	27	23	15	12	



Electronic & Digital Panels

Control Panel For
Water Filled Submersible Pumps



Features

Electronic Control Panel

- Extremely compact, elegant, plastic enclosure
- Fully digital controller
- Provides protection against Over Loading, Dry Run, Under Voltage and Over Load
- Provides Water Level Controller for Sump and Over Head tank (Optional)
- Work in Auto as well as Manual Mode

Digital Control Panel

- Digital Display for current & Voltage
- Over load protector through circuit breaker
- MCB for short circuit protection
- Fitted with 2- pole contactor
- ON/OFF indicator & ON / OFF switch
- Start & Run Capacitor

Benefits

- Increased in motor life
- Increase in safety
- Ease in handling
- Ease in monitoring

Crompton panels for submersible pumps are designed with advanced technology. It is the safest, and completely failure proof solution for long life and trouble free operations of the pump. Our design criteria has been built-in absolute reliability for entire life of the equipment at affordable prices.

Technical Details

CONTROL PANEL FOR 1PH PUMPS							
Rating	HP	START CAP (μF)	RUN CAP (μF)	Ameter Range Amp.	Voltmeter Range Volts	OLP Range Amp.	MCB / Contactor Range Amp.
DIGITAL CONTROL PANEL SUITABLE FOR 4W SERIES							
DCP0,5-BP	0.5	80-100	36	0-30	0-300	6	16A / 20
DCP0,75-BQ	0.75	80-100	50	0-30	0-300	8	16A / 20
DCP1-CS	1	100-120	72	0-30	0-300	10	16A / 20
DCP1,5-DS	1.5	120-150	72	0-30	0-300	12	16A / 20
DCP2-ET	2	150-200	100	0-30	0-300	15	20A / 20
DCP3 FU	3	200 250	108	0 30	0-300	25	32A / 20
DIGITAL CONTROL PANEL SUITABLE FOR 4CSS SERIES							
DCP0,5SS-BP	0.5	80-100	36	0-30	0-300	6	16A / 20
DCP0,75SS-BP	0.75	80-100	36	0-30	0-300	6	16A / 20
DCP1SS-CP	1	100-120	36	0-30	0-300	6	16A / 20
DCP1,5SS-DQ	1.5	120-150	50	0-30	0-300	8	16A / 20
DCP2SS-ES	2	150-200	72	0-30	0-300	12	16A / 20
DCP3SS-FT	3	200-250	100	0 30	0-300	15	20A / 20
ELECTRONIC CONTROL PANEL SUITABLE FOR 4" SUB PUMPS							
ECP0,5-BP	0.5	80-100	36	0-30	0-300	NA	NA
ECP0,75-BQ	0.75	80-100	50	0-30	0-300	NA	NA
ECP1-CS	1	100-120	72	0-30	0-300	NA	NA
ECP1,5-DS	1.5	120-150	72	0-30	0-300	NA	NA
ECP2-ET	2	150-200	100	0-30	0-300	NA	NA
ECP3-FU	3	200-250	108	0-30	0-300	NA	NA

Note: Above panels are suitable for all 4" Submersible Pumps made by Crompton Greaves Consumer Electricals Ltd.

Digital Panel

Control Panel For
Oil Filled Submersible Pump



Features

- Overload protection through Circuit Breaker
- Easy to install
- Fitted with Siemens / L&T make or equivalent two Pole Contactor for smooth and reliable operation
- Run Capacitor for improving P.F and lower down the current intake

Benefits

- Increased in motor life
- Increase in safety
- Ease in handling
- Ease in monitoring

Crompton panels for submersible pumps are designed with advanced technology. It is the safest, and completely failure proof solution for long life and trouble free operations of the pump. Our design criteria has been built-in absolute reliability for entire life of the equipment at affordable prices.

Technical Details

Rating	HP	START CAP (μF)	RUN CAP (μF)	Ameter Range Amp.	Voltmeter Range Volts	Relay Range Amp.
ODCP0.5	0.5	NA	25	0-10	0-300	4.5-7
ODCP0.75	0.75	NA	36	0-10	0-300	4.5-7
ODCP1	1.0	NA	36	0-10	0-300	6.5-11
ODCP1.5	1.5	NA	36	0-20	0-300	6.5-11
ODCP2	2.0	NA	36	0-20	0-300	12-20
ODCP3	3.0	NA	36+36	0-20	0-300	12-20

Note: Above panels are suitable for all 4" Submersible Pumps made by Crompton Greaves Consumer Electricals Ltd.

CMB Series

Self Priming Regenerative Pump



Crompton Self Priming Monoset Pumps- 'CMB' series are heavy duty type and are designed specially to meet requirements of different needs such as Residential Bungalows, Gardens, Booster application. These pumps have a high suction lift and are best suited for a total head of 15 to 18 mtrs. (upto 2 storeys)

Features

- Robust and sturdy design
- Self Priming upto 8.0 metres at mean sea level
- Pump castings (Chamber, Casing, End Cover), Adaptor, Stator body, End shield are made of close grained cast iron of high tensile strength and has a very smooth surface finish resulting in low frictional losses
- High tensile brass Impeller is used to give trouble free service
- High quality and long life mechanical seal
- Stainless steel shaft with ground finish
- Pressure diecast rotor with TEFC enclosure for motors
- Unique Motor design-Capacitor start and run (PSC) type eliminating centrifugal switch
- Grease lubricated anti-friction ball bearings are fixed at both ends to withstand axial and radial loads
- All components are manufactured from material as per standard specifications

Applications

- Residential Bungalows, Flats, Clubs, Garages, Laundries
- Gardening
- Lawn Sprinklers
- Booster applications

Standard Specifications

- Range: 0.37 / 0.75 kW (0.5 / 1.0 HP)
- Pipe size: 25 x 25 mm
- Speed: 1500 RPM (Syn.)
- Total Head: Upto 39 meters
- Capacity: Upto 4080 LPH
- Liquid: clear water
- Rotation: Clockwise as viewed from motor end
- Motor: TEFC with class 'B' insulation suitable for 1 Phase, 220V, 50 Hz, AC supply

Performance chart for CMB Series at 220 volts, 1PH, 50 Hz AC Supply

Rating	Motor		Pipe Size SucxDel (mm)	Head in Meters								
	kW	HP		6	12	18	21	24	27	33	39	
CMB05N / CMB05NV	0.37	0.5	25 x 25	3240	2610	1950	1650	1320				
CMB10N / CMB10NV	0.75	1.0	25 x 25	4080	3660	3060	2760	2520	2280	1680	1200	

Rating	Motor		Pipe Size SucxDel (mm)	Head in Meters								
	kW	HP		5	10	15	20	25	30	35	40	
CMB052SV	0.37	0.5	25 x 25	2300	2000	1750	1500	1230	950	700	400	



DMB Series

Self Priming Regenerative Pump



Crompton Self Priming Monoset Pumps - 'DMB' series incorporate superior design to make them robust and long lasting. This range of electric driven pumps, covers a popular section of head and discharge requirements and are best suited for high suction lift upto 8 mtrs.

Features

- Monoset construction
- Self priming upto 8,0 metres at mean sea level
- High quality and long life Mechanical seal
- Electric motor for single phase or three phase supply
- Capacitor Start Induction Run Single phase Motor for high torque

Applications

- Bungalows, Buildings, Flats, Garages, Laundries and Industries
- Car washing
- Booster application
- Water circulation in solar heater systems

Standard Specifications

- Range: 0,37 kW to 3,7 kW (0,5 to 5,0 HP)
- Pipe size: 25 x 25 mm and 50 x 50 mm
- Total head: Upto 45 meters
- Capacity: Upto 21300 LPH
- Liquid: Clear water
- Rotation: Clockwise as viewed from motor end
- Operating temperature: Suitable upto 65° C water
- Voltage Band: 180 to 240 volts for single phase 350 to 415 volts for three phase

Electric Motor

- Dripproof/Totally Enclosed Fan Cooled, 4 pole (1500 RPM Syn Speed) Electric Motor for 1 phase, 220Volts or 3 phase, 415 Volts;50 Hz, AC supply, suitable for ambient temperature upto 50° C

Performance chart for DMB Series at 220 volts, 1PH, 50 Hz AC Supply

Rating	Motor		Pipe Size SucxDel (mm)	Head in Meters							
				6	9	18	21	27	30	36	45
	kW	HP		Discharge in LPH							
DMB05DG DMB05D(3PH)	0,37	0,5	25 x 25	2860	2650	1940	1650				
DMB08D	0,6	0,8	25 x 25		2800	1980	1740	1260	960	480	
DMB10DCSL/ DMB10DGCSL DMB10DGL(3PH) DMB10DACSL	0,75	1,0	25 x 25			2800	2540	2080	1860	1440	880
DMB20	1,5	2,0	40 x 40		9000	6000	4800	1200			
DMB30	2,25	3,0	40 x 40		11700	9600	8800	7200	6500	4900	960

Rating	Motor		Pipe Size SucxDel (mm)	Head in Meters				
				7	15	22	30	40
	kW	HP		Discharge in LPH				
DMB50	3,7	5,0	50 x 50	21300	19800	16200	12000	4800

Centrifugal Jet Pump



Crompton Centrifugal Jet Pump is a combination of Centrifugal Monoset Pump and Jet Pump (assembly) designed specially to lift water from underground resources. Unique design and strict quality control checks make products highly reliable, requiring minimum maintenance.

Features

- Easy to install and operate
- No moving parts inside the borewell
- Requires minimum floor area
- High quality and long life mechanical seal
- Unique Motor design-capacitor start and Run (PSC) type eliminating centrifugal switch in single phase pumps
- Suitable for wide voltage operation
- Packer type pump with cast iron packer head
- Specially designed cast iron pressure regulating valve

Applications

- Residential bungalows
- Lawn sprinklers
- Car washing, garages

Standard Specifications

- Range: 0.37 kW to 1.1 kW (0.5 to 1.5 HP)
- Borewell size: Suitable for 50 to 115 mm or bigger borewell
- Suction Lift: Upto 60 meters DLWL (Jet Setting Depth)
- Capacity: Upto 2800 LPH
- Type: Twin and Packer type design
- Installation: Vertical or Horizontal mounting of Monoset Pump
- Liquid: Clear water
- Rotation: Clockwise when viewed from motor end
- Voltage Band: 180 to 240 volts

Performance at rated voltage, 50 Hz., 1PH, AC power supply

Rating	Motor		Min. Clear Borewell Dia in mm	Pipe Connections in mm			Operating Pressure in kg/sq. cm (Meter)	DLWL* in Meters							
	kW	HP		Suction	Pressure	Delivery		9	15	21	24	27	30	36	40
								Discharge in LPH							
JCTH052B	0.37	0.5	100	32	25	20	1.0 (10)	1500	1050	610	400				
JPE12/ JPE12V	0.75	1.0	100	32	25	25	1.6 (16)	1800	1560	1080	910	780	660	460	360
JM12H/ JM12HBR	0.75	1.0	100	32	25	25	1.6 (16)		1350	170	930	800	680	430	300
JH12L	0.75	1.0	115	40	32	25	1.6 (16)	2800	2240	1570	1230	1000			
JCTH12L	0.75	1.0	115	40	32	25	1.4(14)	2100	1830	1327	1060				
JCP12	0.75	1.0	50	32	25	25	1.6 (16)	1700	1200	660	520	400			
JCP12A	0.75	1.0	80	40	32	25	1.6 (16)	2000	1400	790	640	500			

Rating	Motor		Min. Clear Borewell Dia in mm	Pipe Connections in mm			Operating Pressure in kg/sq. cm (Meter)	DLWL* in Meters								
	kW	HP		Suction	Pressure	Delivery		15	21	27	33	36	39	45	51	
								Discharge in LPH								
TJM12	0.75	1.0	115	32	25	25	1.8(18)	1360	1260	1070	780	660	540	360	180	
JM1.52T-VX	1.1	1.5	50	32	25	25	1.8(18)	2100	1440	900	480@32M					

Rating	Motor		Min. Clear Borewell Dia mm	Pipe Connections in mm			Operating Pressure in kg/sq. cm Meter	DLWL* in Meters				
	kW	HP		Suction	Pressure	Delivery		20	30	40	50	60
								Discharge in LPH				
JM 1.52T	1.1	1.5	100	32	25	25	2.2 (22)	1170	1100	870	600	300

Shallow well Jet Pump

Self Priming Centrifugal Jet Pump



Crompton Self Priming Centrifugal Jet Pumps are designed for application in open and shallow wells, sumps. Years of experience, superior design and better manufacturing techniques have resulted into efficient, robust and sleek pump. Strict quality assurance standards during the total process assures trouble free and reliable operation requiring minimum maintenance.

Features

- High performance as compared to conventional Centrifugal and Mini Monoset Pumps
- Self priming upto 8,0 metres at mean sea level
- Optimally designed for higher efficiency in wide range of operation
- Fitted with Thermal Overload Protector (TO.P)
- No jamming-Centrifugal Impeller with adequate clearance
- Unique Motor Design-Cap Start and Run (PSC Motor) avoiding centrifugal switch
- Non overloading characteristics through out the range
- Extruded aluminium motor body and two tone colour-Better aesthetics
- Provided with handle - Ease in Handling

Applications

- Residential Bungalows
- Storage Water Tanks
- Lawns and Gardens
- Water Circulating Systems

Standard Specifications

- Range: 0.37 to 0.75 kW (0.5 to 1.0 HP)
- Pipe Size: 25 x 25 mm
- Speed: 3000 RPM (Syn.)
- Total Head: Upto 36 meters
- Capacity: Upto 60 LPM
- Liquid: Clear water
- Motor: TEFC suitable for 220V, 1PH, 50Hz, AC supply
- Voltage Band: 180 to 240 volts

Performance at 220 voltage, 50 Hz., 1PH, AC power supply

Rating	Motor		Pipe Size SucXDel mm	Head in Meters							
	kW	HP		6	9	12	21	24	27	30	36
SWJ50/SWJ50N	0.37	0.5	25 x 25			50	33	24	16	9	
SWJ0.5/SWJ0.5-VX	0.37	0.5	25 x 25	60	58	56	41	32	22	10	
SWJ0.5SS	0.37	0.5	25 x 25	60	58	56	41	32	22	10	
SWJ05MINI	0.37	0.5	25 x 25		27		16	10.5	5.5		
SWJ100/SWJ100N	0.75	1.0	25 x 25					46	36	27	9
SWJ1 /SWJ1-VX	0.75	1.0	25 x 25				51	50	46	36	15
SWJ1SS	0.75	1.0	25 x 25				51	50	46	36	15

Rating	Motor		Pipe Size SucXDel mm	No. of Stages	Head in Meters						
	kW	HP			24	28	30	32	34	36	44
TWJ1SS	0.37	0.5	25 x 25	2	60	54	50	46	42	36	10

Compressor Pump



Features

- Motor : Special duty motor suitable for compressor
- Cylinder : Special cast iron, deep finned for quick heat dissipation
- Inter / After Cooler : Deep finned aluminium alloy specially designed to keep the temperature low and to minimize the formation of carbon
- Piston : Automotive type low expansion aluminium alloy
- Crank Shafts : Made of carbon steel dynamically balanced with roller bearing for connecting rod big end and deep grooved ball bearings for journals

Applications

- Gardens, Small farms • Hotels

Working Principle

The compressed air is pumped down into the well and gets mixed with water in the delivery pipe as very fine air bubbles by the air-distributor installed at the end of the air pipe line. This air-water mixture having a low density than the surrounding water column rises in the discharge pipe. On continuation of this process, water is pumped out through the discharge pipe.

Rating	Power		No. of Cylinder	COM. RPM	Press. Kg/cm ²	Belt Size	Inlet Pipe	Outlet Pipe	Jet Pipe
	kW	HP							
CP0,5	0.37	0.5	1	675	5	B - 41	1/2"	1"	1"
CP1 / CP1-VX	0.75	1.0	1	1200	7	B - 37	1/2"	1"	1"
CP1.5 / CP1.5-VX	1.1	1.5	1	930	10	B - 38	1/2"	1"	1"
MCP1 / MCP1-VX	0.75	1.0	1	1440	7		1/2"	1"	1"
MCP1.5 / MCP1.5-VX	1.1	1.5	1	1440	7		1/2"	1"	1"
CP2TM	1.5	2.0	2	570	9	B-54	1/2"	1 1/4"	1 1/4"
CP2M	1.5	2.0	1	865	9	B-42	1/2"	1"	1"

Rating	Motor		Pumping Height*	Lifting Height*	Head in Meters					
	kW	HP			30	45	60	90	120	180
					Discharge in LPH					
CP0,5	0.37	0.5	25%	75%	750	675	575			
			50%	50%	900	750	650			
			75%	25%	2000	1500	1375			
CP1/ CP1-VX	0.75	1.0	25%	75%	1500	1350	1150	1000	900	
			50%	50%	1800	1500	1300	1100	1000	
			75%	25%	4000	3000	2750	2500	2400	
CP1.5/ CP1.5-VX	1.1	1.5	25%	75%	1700	1550	1300	1100	1000	
			50%	50%	2100	1700	1450	1200	1100	
			75%	25%	4150	3100	2900	2600	2500	
MCP1/ MCP1-VX	0.75	1.0	25%	75%	1550	1400	1200	1050	950	
			50%	50%	1850	1550	1350	1150	1050	
			75%	25%	4050	3050	2800	2550	2450	
MCP1.5/ MCP1.5-VX	1.1	1.5	25%	75%	1750	1600	1350	1150	1050	
			50%	50%	2150	1750	1500	1250	1150	
			75%	25%	4200	3150	2950	2650	2550	
CP2TM	1.5	2.0	25%	75%	3200	2900	2600	2050	1850	
			50%	50%	3800	3200	3000	2300	2100	
			75%	25%	8200	6200	5700	5200	4900	
CP2M	1.5	2.0	25%	75%	2100	1900	1600	1350	1200	850
			50%	50%	2750	2250	1920	1600	1450	1100
			75%	25%	5200	3850	3550	3200	3000	2500

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