

Centrifugal Pump



Centrifugal pumps are a sub-class of dynamic axisymmetric work-absorbing turbomachinery. Centrifugal pumps are used to transport fluids by the conversion of rotational kinetic energy to the hydrodynamic energy of the fluid flow.

Application

- Domestic Water Supply
- Home Pressure Boosting
- Garden / Fountains
- Over Head Tanks
- Construction Site

Salient Features	Benefits
Cast Iron Casing and bracket	Wear and Tear limited
Stainless steel motor shaft	Low maintenance, extended pump life
Ceramic and graphite mechanical seal	
Brass / Noryl Impellers	Anti-corrosive resistance
	Extended pump life
Thermal-cut out relay is incorporated	Provides winding protection
Insulation class F	To improve winding insulation

Technical Data	
Flow Q	max 600 lpm
Head H	max 30mtr
Liquid temp	up to 60 Deg C
Suction Lift	up to 7 mtr
Power supply	240V, 50Hz

Performance Table and Chart For Centrifugal pump:														
Model	Power		Pipe size		m3/h	0	0.6	12	18	24	3	36	42	48
	kW	HP	Suction	Delivery	l/min	0	10	20	30	40	50	60	70	80
MCP 100	0.75	1	1"	1"	Head	30	29	28	27	26	25	24	22	20
					m3/h	0	6	9	12	15	18	21	24	30
					l/min	0	100	150	200	250	300	350	400	500
MCP 150	1.1	1.5	2"	2"	Head in Meter	21	20	19	18	17	16	14	12	8
MCP 200	1.5	2	2"	2"		23	22	21	20	19	18	17	14	9
MCP 300	2.2	3	2"	2"		24	23	22	21	20	19	18	17	14