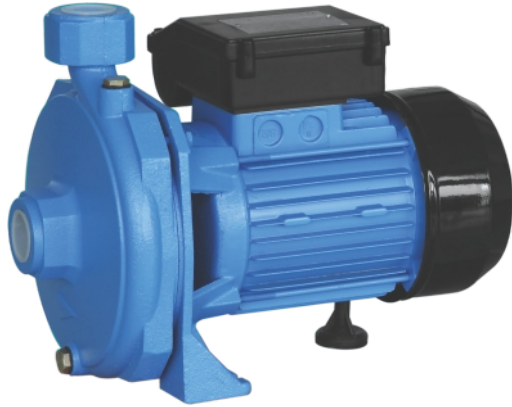


50 Hz



Construction

- The VM pumps are non self priming, horizontal, single-stage, centrifugal pumps.
- Motor and pump are close coupled in a convenient and compact design for quick installation in limited space.
- The pump is fitted with a maintenance-free, mechanical shaft seal.
- The pumps have axial suction port and radial discharge port.

Applications

- For clean liquids without abrasives, which are non-aggressive for the pump materials. (solids content up to 0.2%)
- For water supply.
- For heating, cooling, air-conditioning and circulation plants.
- For civil and industrial applications.
- As pressure boosting pumps for central water systems.
- For irrigation.
- For circulation plants.
- For washing with a jet of water.

Operating Conditions

- Liquid temperature up to 90°C.
- Ambient temperature up to 40°C.
- Total suction lift up to 8 m.
- Continuous duty.

Motor

- 2-pole induction motor, 50 Hz (n = 2900 RPM)
- Single phase 230V +5% -15% with thermal protection.
- Insulation class B.
- Protection IP 44.
- Constructed in accordance with IEC 34.
- Available in 60 Hz.

Special Features on Request

- Other voltages.
- Available in three phase.
- Available stainless steel or brass impeller.
- Special mechanical seal.
- Higher liquid or ambient temperatures.

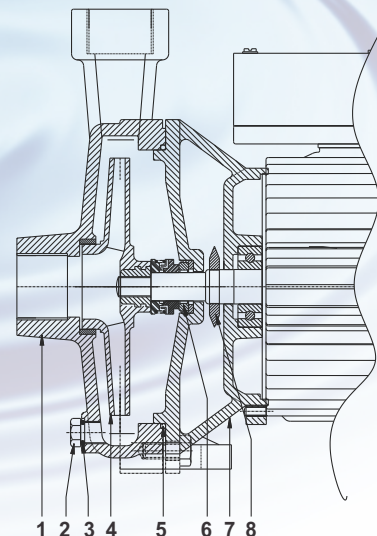
Direction of rotation

Clockwise as seen from the motor rear end.

Materials

Pos.	Component	Material
1	Volute	CI.GR.FG.200
2	Drainage Plug	Brass
3	'O' Ring	Nit. Rubber
4	Impeller	Brass / Noryl
5	'O' Ring	Nit. Rubber
6	Mechanical Seal	Ceramic/Carbon
7	Adaptor	CI.GR.FG.200
8	Water Thrower	Rubber

Sectional drawing



Performance data For Centrifugal Pumps

MODEL	POWER		Pipe Size [mm]	Q m ³ /h	n = 2900 rpm											
	KW	HP			Q (l/min)											
					1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	7.2		
VM100CC	0.75	1.00	25x25	H mts.	32	31	30	29	28	27	25.5	24	22	19.5		

MODEL	POWER		Pipe Size [mm]	Q m ³ /h	n = 2900 rpm							
	KW	HP			Q (l/min)							
					3.0	4.5	6.0	7.5	9.0	10.5	12.0	
VM150DC	1.10	1.50	32x25	H mts.	32.5	31.5	30	28	25	22	18.5	

MODEL	POWER		Pipe Size [mm]	Q m ³ /h	n = 2900 rpm				
	KW	HP			Q (l/min)				
					6.0	12.0	18.0	24.0	30.0
VM200FF	1.50	2.00	50x50	H mts.	22.5	21	18.5	15	10

MODEL	POWER		Pipe Size [mm]	Q m ³ /h	n = 2900 rpm											
	KW	HP			Q (l/min)											
					18.0	24.0	30.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0		
VM300JJ	2.20	3.00	75x75	H mts.	17.5	17	16	15	14	13	11.5	10	8	6		

Performance Curve

