

HM

Centrifugal Horizontal Multistage

Construction

It is a horizontal multistage Centrifugal pump with compact and robust design. Specially designed Stainless steel diffuser for withstanding high pressure ensuring high degree of reliability. Improved impeller design for better discharge properties.

Applications

- Cluster homes
- Blocks of Flats
- Gardens
- Hostels/Mansions

Operating Conditions

- Liquid temperature : upto 50 °C
- Continuous duty

Water filled Rewindable motor

- 2-pole Induction motor, 50Hz (n= 2900 rpm)
- Single phase 230V up to 1.5kw
- Three phase 440V up to 1.5kw
- Insulation class : F

Special features

- Compact design and highly reliable
- Wide performance range
- Thermal protection

MATERIAL SPECIFICATIONS

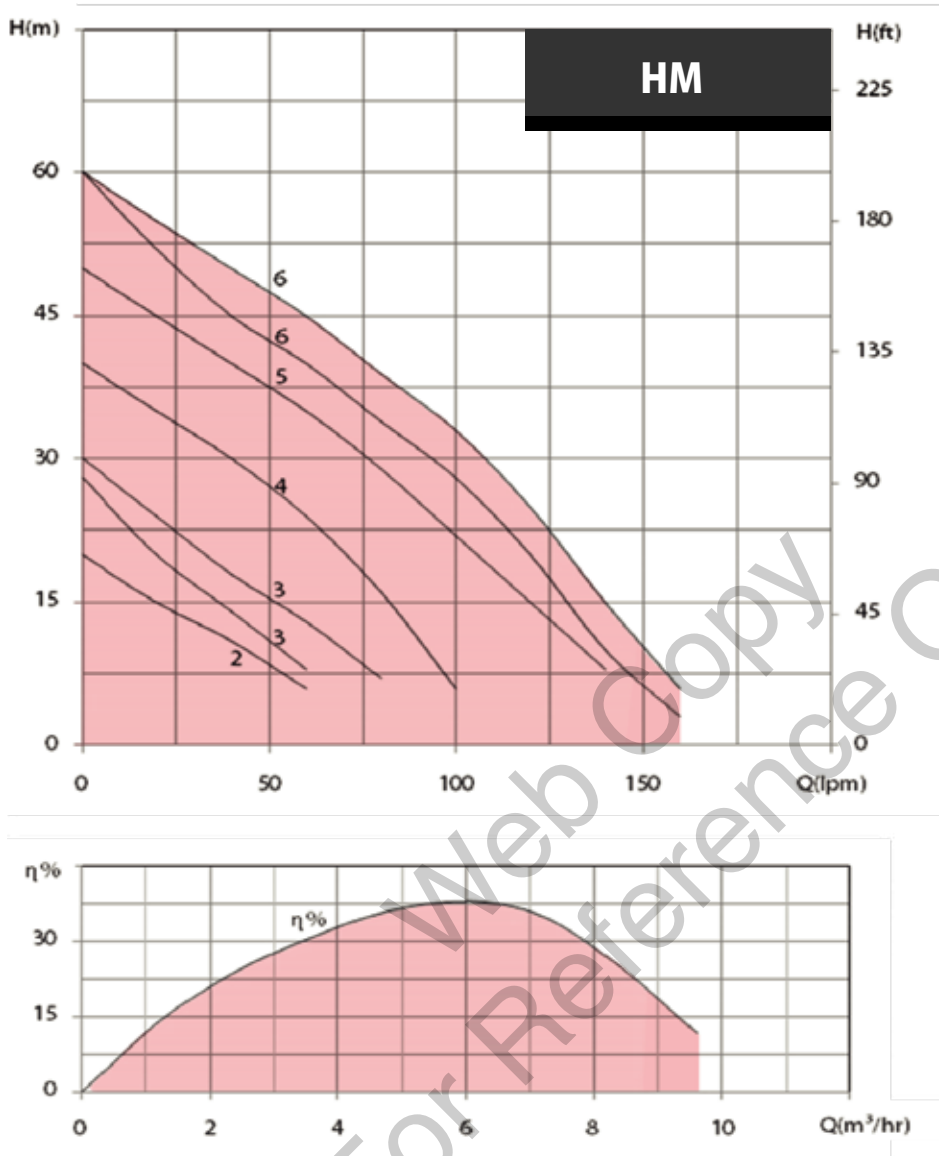
Components	Materials
Motor Body	Aluminium
Housing	Cast Iron FG 200
Diffuser	SS 304 Fabricated
Impeller	SS 304 Fabricated
Sleeve	SS 410
Mechanical Seals	Ceramic + Carbon
Fasteners	SS 304
Rubber Parts	Nitrile Rubber



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Characteristic Curves



Hydraulic Performance & Dimensions

Product Code	HP	kW	Phase	Q - m³/hr	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	DNM
				Q - l/min	0	20	40	60	80	100	120	140	160	
HM03/2	0.5	0.37	M	Total Head in Meters	20	15	11	6						1" x 1"
HM03/3	0.5	0.37	M		28	20	14	8						1" x 1"
HM05/3	0.75	0.55	M		30	24	18	13	7					1" x 1"
HM07/4	1.0	0.75	M		40	35	30	24	16	6				1" x 1"
HM11/5	1.5	1.1	M		50	45	40	35	29	22	15	8		1" x 1"
HM11/6	1.5	1.1	M		60	52	45	40	34	28	20	10	3	1" x 1"
HM15/6	2.0	1.5	M		60	55	50	45	39	33	25	15	6	1" x 1"

* M - Single Phase, T - Three Phase, Q - Discharge, DNM - Nominal Diameter