VERTICAL MULTISTAGE PUMPS “HMC-VE”



TECHNICAL FEATURES

- Suitable for clean water and liquids that are not chemically aggressive to the pump materials.
- High efficiency and adaptability, even in unusual applications, make these pumps ideal for the domestic, civil and industrial sectors, in particular for water distribution with pressure sets and for pressure boosting.
- Install in an enclosed area, or at least sheltered from bad weather.

MOTOR

- Two-pole induction motor (n = 2850 rpm)
- Insulation class B; protection IP44
- Continuous service S1
- Thermal protector on single-phase versions
- Single-phase 220 V / 50 Hz (60 Hz on request)
- Three-phase 380 V / 50 Hz (60 Hz on request)

WORKING CONDITION

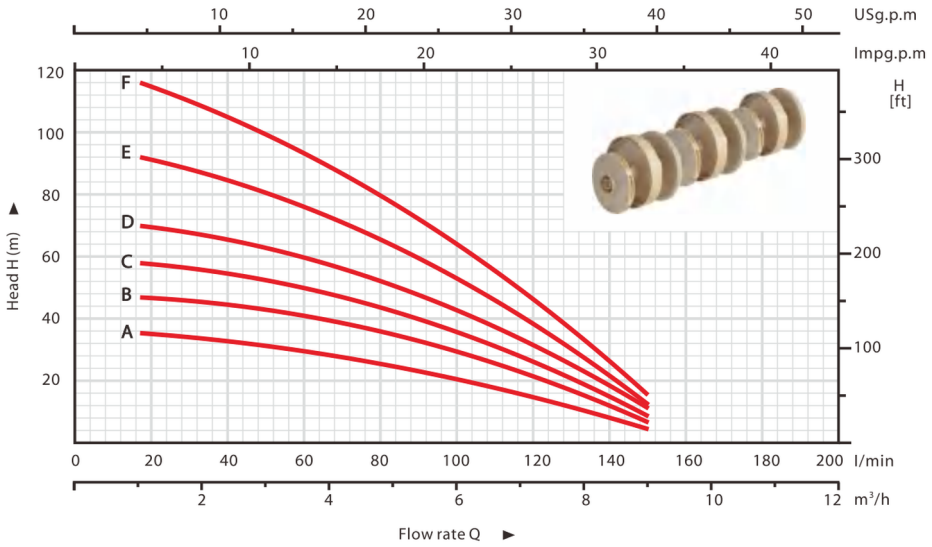
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron + Stainless steel
Pump support	Cast iron
Motor housing	Alloy
Impeller	Techno-polymer, AISI 304 SS on request
Motor shaft	AISI 304 SS
Mechanical seal	Ceramic / Graphite

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PERFORMANCE CHART AT n = 2850 RPM



NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.1	9
				Q (l/min)	0	15	30	45	60	75	90	105	120	135	150
A	HMC-3VE	0.75	1	H (m)	36	35	34	32	30	27	23	19	15	10	5
B	HMC-4VE	1.1	1.5	H (m)	48	47	46	44	41	38	34	29	23	16	7
C	HMC-5VE	1.35	1.8	H (m)	60	58.5	57	55	51	46	41	35	28	19	8
D	HMC-6VE	1.65	2.2	H (m)	72	70	67	64	59	53	46	38.5	30.5	22	10
E	HMC-8VE	2	2.7	H (m)	96	92	88	84	78	70	60	49	37	25	13
F	HMC-10VE	2.5	3.3	H (m)	120	116	110	104	95	83	71	57	43	30	16

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	HMC-3VE	1¼" × 1¼"	19	520 × 240 × 265
B	HMC-4VE	1¼" × 1¼"	20.5	555 × 240 × 265
C	HMC-5VE	1¼" × 1¼"	22	590 × 240 × 265
D	HMC-6VE	1¼" × 1¼"	24	635 × 240 × 265
E	HMC-8VE	1¼" × 1¼"	27	740 × 235 × 270
F	HMC-10VE	1¼" × 1¼"	31.5	830 × 235 × 270

Performance values at n = 2850 rpm, 50 Hz. Specifications are subject to change without notice.