HORIZONTAL MULTISTAGE PUMPS “HMC170-SH”



TECHNICAL FEATURES

- Suitable for clean water, even where air is present, and for liquids that are not chemically aggressive to the pump materials.
- Designed to pump water even where air is present.
- Quiet, reliable and energy-efficient: recommended for domestic and civil applications such as pressurisation and water distribution with pressure sets, rainwater recovery and irrigation systems.
- Install in an enclosed area, or at least sheltered from bad weather.



HMC170-SH



HMC170-SH

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

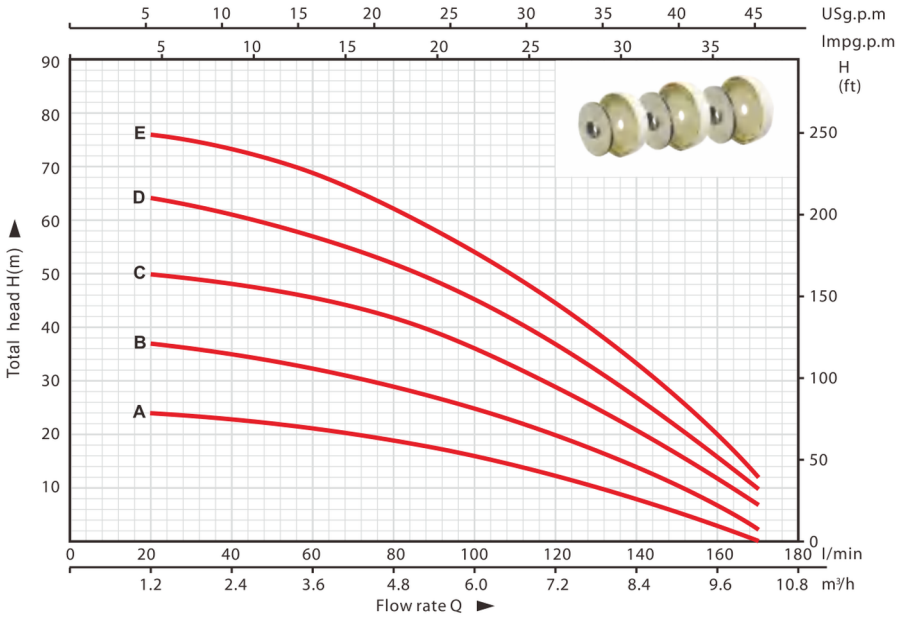
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron + Stainless steel
Pump support	Cast iron
Motor housing	Aluminium
Impeller	AISI 304 SS
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	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.2
				Q (l/min)	0	20	40	60	80	100	120	140	160	170
A	HMC170-2SH	0.75	1	H (m)	25	24	23	21	19	16	12	8	3	0
B	HMC170-3SH	1	1.3	H (m)	38	37	35	33	29	25	20	14	7	2
C	HMC170-4SH	1.35	1.8	H (m)	52	50	48	45	42	36	29	21	12	7
D	HMC170-5SH	1.65	2.2	H (m)	65	64	61	57	52	45	37	27	16	10
E	HMC170-6SH	2.1	2.8	H (m)	78	76	73	69	62	54	45	33	20	12

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	HMC170-2SH	1¼" × 1¼"	12.3	439 × 190 × 215
B	HMC170-3SH	1¼" × 1¼"	13.1	464 × 190 × 215
C	HMC170-4SH	1¼" × 1¼"	18.8	509 × 245 × 255
D	HMC170-5SH	1¼" × 1¼"	19.6	534 × 245 × 255
E	HMC170-6SH	1¼" × 1¼"	25	619 × 237 × 275

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