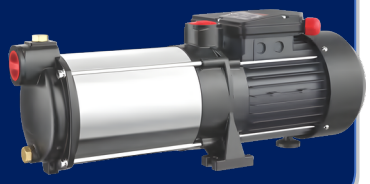
HORIZONTAL MULTISTAGE PUMPS “HMC60-SH”



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.



HMC60-SH



HMC60-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

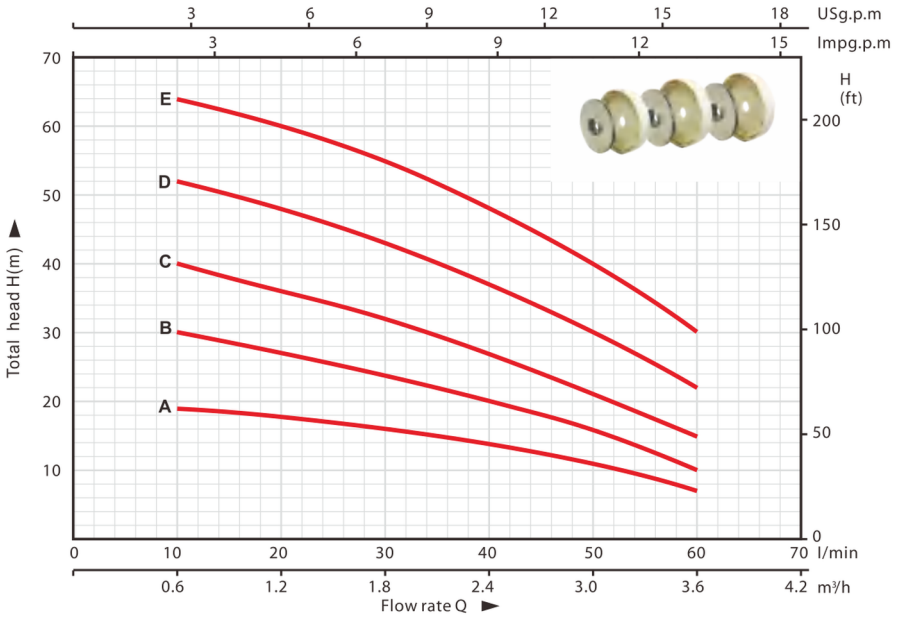
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

MATERIALS

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

HORIZONTAL MULTISTAGE PUMPS “HMC60-SH”

PERFORMANCE CHART AT n = 2850 RPM



NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6
				Q (l/min)	0	10	20	30	40	50	60
A	HMC60-2SH	0.37	0.5	H (m)	20	19	18	16	14	11	7
B	HMC60-3SH	0.5	0.65	H (m)	32	30	27	24	20	16	10
C	HMC60-4SH	0.7	0.95	H (m)	43	40	36	32	27	21	15
D	HMC60-5SH	0.85	1.15	H (m)	54	52	48	43	37	30	22
E	HMC60-6SH	1	1.3	H (m)	66	64	60	55	48	40	30

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	HMC60-2SH	1" × 1"	8.6	395 × 185 × 195
B	HMC60-3SH	1" × 1"	8.9	420 × 185 × 195
C	HMC60-4SH	1" × 1"	11.1	489 × 190 × 215
D	HMC60-5SH	1" × 1"	12	514 × 190 × 215
E	HMC60-6SH	1" × 1"	13.1	539 × 190 × 215

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