VERTICAL MULTISTAGE PUMPS “HMC60-SV”



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-SV



HMC60-SV

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

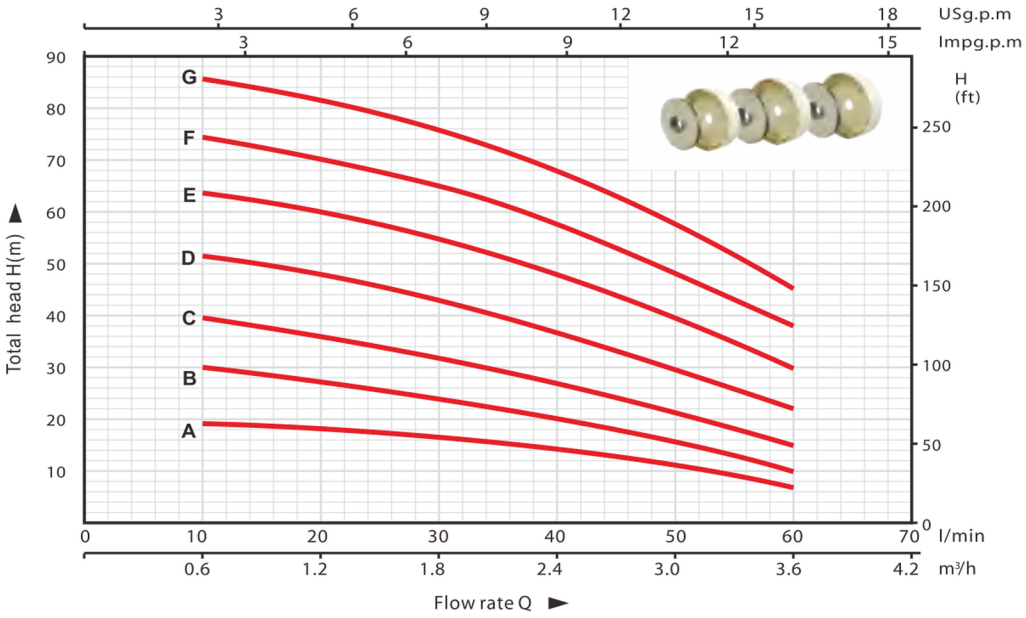
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

VERTICAL MULTISTAGE PUMPS “HMC60-SV”

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

PERFORMANCE CHART AT n = 2850 RPM



VERTICAL MULTISTAGE PUMPS “HMC60-SV”

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	HMC60-2SV	0.37	0.5	H (m)	20	19	18	16	14	11	7
B	HMC60-3SV	0.5	0.65	H (m)	32	30	27	24	20	16	10
C	HMC60-4SV	0.7	0.95	H (m)	43	40	36	32	27	21	15
D	HMC60-5SV	0.85	1.15	H (m)	54	52	48	43	37	30	22
E	HMC60-6SV	1	1.3	H (m)	66	64	60	55	48	40	30
F	HMC60-7SV	1.2	1.6	H (m)	77	75	70	65	58	48	38
G	HMC60-8SV	1.4	1.85	H (m)	88	86	82	76	68	58	45

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	HMC60-2SV	1" × 1"	10.8	379 × 185 × 195
B	HMC60-3SV	1" × 1"	11.2	449 × 230 × 235
C	HMC60-4SV	1" × 1"	13.3	499 × 230 × 240
D	HMC60-5SV	1" × 1"	14.2	524 × 230 × 240
E	HMC60-6SV	1" × 1"	15.3	549 × 230 × 240
F	HMC60-7SV	1" × 1"	24.1	609 × 265 × 265
G	HMC60-8SV	1" × 1"	25.3	634 × 265 × 265

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