VERTICAL MULTISTAGE PUMPS “HMC145-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.



HMC145-SV



HMC145-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

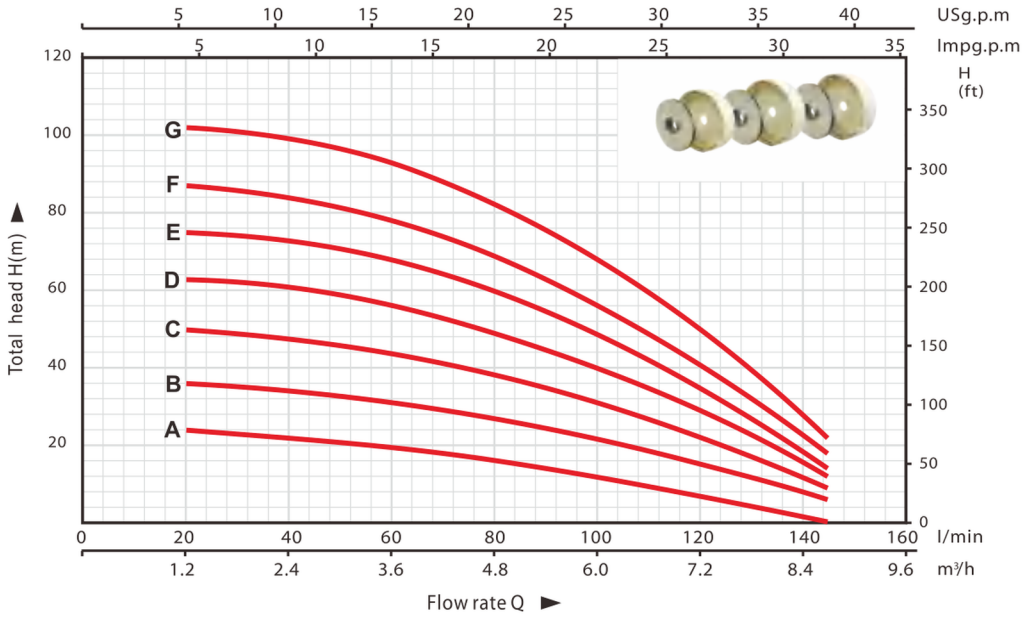
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

VERTICAL MULTISTAGE PUMPS “HMC145-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 “HMC145-SV”

NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	1.2	2.4	3.6	4.8	6	7.2	7.8	8.7
				Q (l/min)	0	20	40	60	80	100	120	130	145
A	HMC145-2SV	0.55	0.75	H (m)	25	24	22	20	16	12	7	4	0
B	HMC145-3SV	0.75	1	H (m)	37	36	34	31	27	22	15	12	6
C	HMC145-4SV	1.1	1.5	H (m)	52	50	47	44	38	31	22	17	9
D	HMC145-5SV	1.5	2	H (m)	64	63	61	56	49	40	29	23	12
E	HMC145-6SV	1.85	2.5	H (m)	76	75	73	68	60	49	35	27	14
F	HMC145-7SV	2.2	3	H (m)	89	87	84	78	69	56	41	32	18
G	HMC145-8SV	2.5	3.3	H (m)	104	102	99	93	82	68	50	40	22

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	HMC145-2SV	1¼" × 1"	13	449 × 230 × 240
B	HMC145-3SV	1¼" × 1"	14	474 × 230 × 240
C	HMC145-4SV	1¼" × 1"	21.7	534 × 265 × 265
D	HMC145-5SV	1¼" × 1"	23	559 × 265 × 265
E	HMC145-6SV	1¼" × 1"	29.8	634 × 285 × 270
F	HMC145-7SV	1¼" × 1"	31	684 × 280 × 275
G	HMC145-8SV	1¼" × 1"	32.6	709 × 280 × 275

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