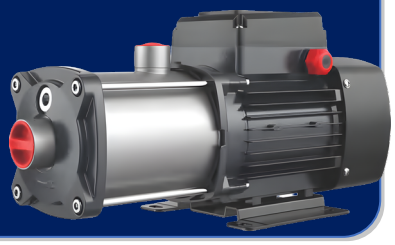
HORIZONTAL MULTISTAGE PUMPS “HBMI(60Hz)”



TECHNICAL FEATURES

- Suitable for household water supply, equipment support, pipeline pressurisation, garden and greenhouse watering, fish farming and poultry raising, water supply and drainage for industrial and mining enterprises and high-rise buildings, and central air-conditioning and central heating circulation systems.

MOTOR

- Two-pole induction motor (n = 3450 rpm)
- Insulation class F; protection IPX5
- Continuous service S1
- Thermal protector on single-phase versions
- Single-phase 220 V / 60 Hz
- Three-phase 380 V / 60 Hz

WORKING CONDITION

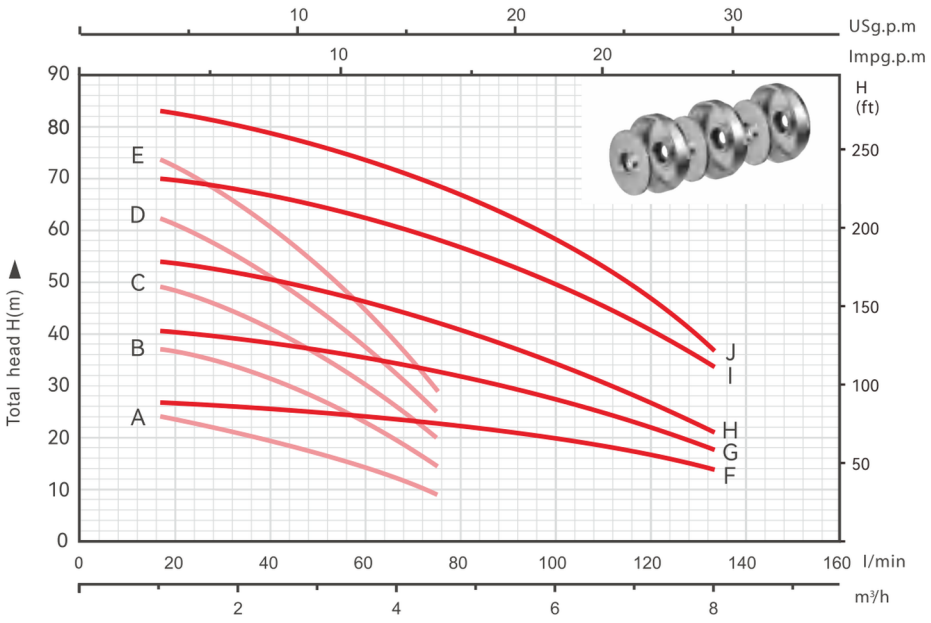
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Stainless steel
Pump cover	Aluminium
Pump support	Aluminium
Motor housing	Aluminium
Impeller	AISI 304 SS
Motor shaft	AISI 304 SS
Mechanical seal	SiC / Graphite

HORIZONTAL MULTISTAGE PUMPS “HBMI(60Hz)”

PERFORMANCE CHART AT n = 3450 RPM



HBMI(m)2-2(60Hz) – HBMI(m)2-6(60Hz)

NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	1	1.5	2	2.5	3	3.5	4	4.5
				Q (l/min)	0	16.7	25	33.3	41.7	50	58.3	66.7	75
A	HBMI(m)2-2(60Hz)	0.37	0.5	H (m)	26	24	22.5	21	19	17	14.5	12	9
B	HBMI(m)2-3(60Hz)	0.6	0.8	H (m)	40	37.5	35.5	33.5	30.5	27.5	23.5	19.5	15
C	HBMI(m)2-4(60Hz)	0.75	1	H (m)	53	49.5	47	44	40	36	31	26	20
D	HBMI(m)2-5(60Hz)	1	1.3	H (m)	67	62.5	59	55	50	44.5	38.5	32	25
E	HBMI(m)2-6(60Hz)	1.1	1.5	H (m)	80	74	70	65	59.5	53.5	46.5	38.5	29

HBMI(m)4-2(60Hz) – HBMI(m)4-6(60Hz)

NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	1	2	3	4	5	6	7	8
				Q (l/min)	0	16.7	33.3	50	67	83.3	100	117	133.6
F	HBMI(m)4-2(60Hz)	0.75	1	H (m)	27.5	27	26	25	23.5	22	20	17.5	14
G	HBMI(m)4-3(60Hz)	1	1.3	H (m)	42	40.5	39	37	34.5	31	27.5	23	18
H	HBMI(m)4-4(60Hz)	1.1	1.5	H (m)	56	54	51.5	48.5	44.5	40	34.5	28.5	21
I	HBMI(m)4-5(60Hz)	1.5	2	H (m)	71.5	70	68	65	61	56	49.5	42	34
J	HBMI(m)4-6(60Hz)	1.8	2.4	H (m)	85	83	80	76.5	71.5	66	58.5	49	37

HORIZONTAL MULTISTAGE PUMPS “HBMI(60Hz)”

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	HBMI(m)2-2(60Hz)	1" × 1"	7.4	365 × 180 × 215
B	HBMI(m)2-3(60Hz)	1" × 1"	8.1	365 × 180 × 215
C	HBMI(m)2-4(60Hz)	1" × 1"	10.5	395 × 180 × 230
D	HBMI(m)2-5(60Hz)	1" × 1"	11.8	410 × 180 × 230
E	HBMI(m)2-6(60Hz)	1" × 1"	12.4	435 × 180 × 230
F	HBMI(m)4-2(60Hz)	1¼" × 1"	9.7	375 × 180 × 230
G	HBMI(m)4-3(60Hz)	1¼" × 1"	11.2	375 × 180 × 230
H	HBMI(m)4-4(60HZ)	1¼" × 1"	12.8	395 × 180 × 230
I	HBMI(m)4-5(60Hz)	1¼" × 1"	15.4	435 × 200 × 255
J	HBMI(m)4-6(60Hz)	1¼" × 1"	15.8	460 × 200 × 255

Performance values at n = 3450 rpm, 60 Hz. Specifications are subject to change without notice.