HORIZONTAL MULTISTAGE PUMPS “HBMI(50Hz)”



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 = 2850 rpm)
- Insulation class F; protection IPX5
- Continuous service S1
- Thermal protector on single-phase versions
- Single-phase 220 V / 50 Hz
- Three-phase 380 V / 50 Hz

WORKING CONDITION

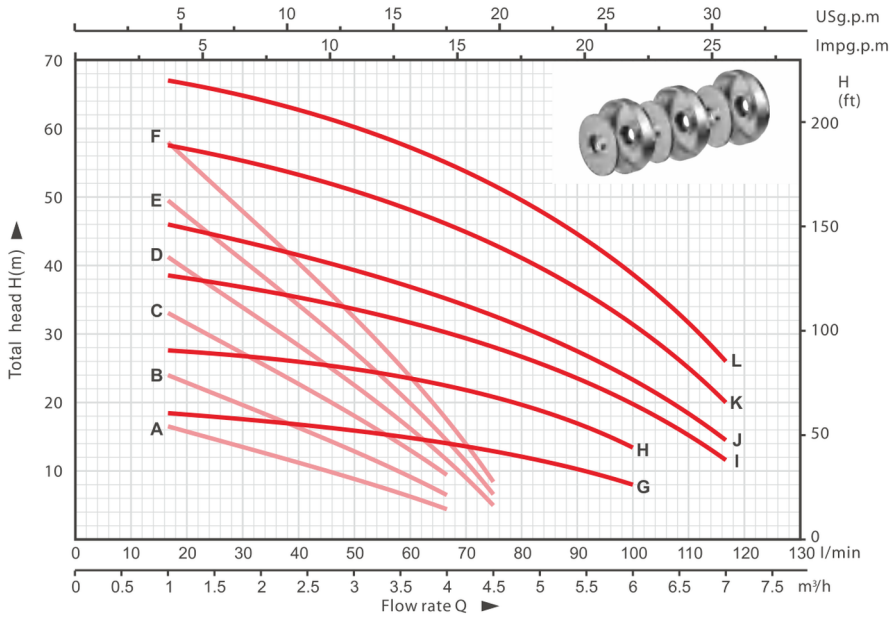
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

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

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PERFORMANCE CHART AT n = 2850 RPM



HBMI(m)2-2 – HBMI(m)2-7

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	0.25	0.34	H (m)	18	16.5	15.5	13.5	12.5	10.5	7.5	4.5	
B	HBMI(m)2-3	0.37	0.5	H (m)	27	24	22	19.5	17	14	10.5	6.5	
C	HBMI(m)2-4	0.37	0.5	H (m)	36.5	33	30	26.5	23	18.5	14	9.5	
D	HBMI(m)2-5	0.55	0.75	H (m)	46	41	37.5	33.5	29	23.5	18	12	5
E	HBMI(m)2-6	0.75	1	H (m)	56.5	49.5	46	42	36	30	23.5	15.5	6.5
F	HBMI(m)2-7	0.75	1	H (m)	65	58	53.5	48	42.5	36	28	18.5	8.5

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HBMI(m)4-2 – HBMI(m)4-7

NO.	MODEL	POWER kW	POWER HP	Q (m^3/h)	0	1	2	3	4	4.5	5	6	7
				Q (l/min)	0	16.7	33.3	50	66.7	75	83.3	100	116.7
G	HBMI(m)4-2	0.37	0.5	H (m)	19	18.5	17.5	16	14	13	11.5	8	
H	HBMI(m)4-3	0.55	0.75	H (m)	29	27.5	26.5	25	21.5	20.5	18.5	13.5	
I	HBMI(m)4-4	0.75	1	H (m)	39	38.5	37	34.5	29.5	28	25	18.5	11.5
J	HBMI(m)4-5	0.75	1	H (m)	47	46	44	40.5	35	32.5	29.5	22.5	14.5
K	HBMI(m)4-6	1.1	1.5	H (m)	58	57.5	55	51	43	42.5	38.5	30	20
L	HBMI(m)4-7	1.3	1.74	H (m)	70	67	64	60	53.5	51.5	47	37	26

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	HBMI(m)2-2	1" × 1"	6	365 × 180 × 215
B	HBMI(m)2-3	1" × 1"	7	365 × 180 × 215
C	HBMI(m)2-4	1" × 1"	7.8	385 × 180 × 215
D	HBMI(m)2-5	1" × 1"	8.8	400 × 180 × 215
E	HBMI(m)2-6	1" × 1"	11.3	435 × 180 × 230
F	HBMI(m)2-7	1" × 1"	12	455 × 180 × 230
G	HBMI(m)4-2	1¼" × 1"	7	365 × 180 × 215
H	HBMI(m)4-3	1¼" × 1"	8	365 × 180 × 215
I	HBMI(m)4-4	1¼" × 1"	10.5	395 × 180 × 230
J	HBMI(m)4-5	1¼" × 1"	11.2	410 × 180 × 230
K	HBMI(m)4-6	1¼" × 1"	13.6	460 × 200 × 255
L	HBMI(m)4-7	1¼" × 1"	14.9	470 × 200 × 255

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