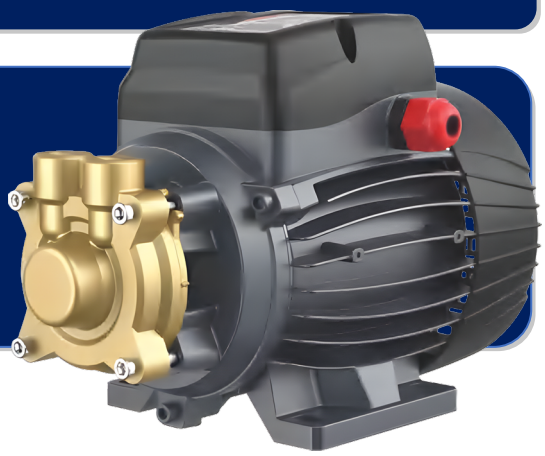
PERIPHERAL PUMPS “HL”



TECHNICAL FEATURES

- Suitable for clean water free of abrasive particles and liquids that are not chemically aggressive to the pump materials.
- Easy to use and economical: ideal for domestic use, in particular for water distribution with small pressure sets and for the irrigation of gardens and allotments.
- Install in an enclosed area, or at least sheltered from bad weather.



HBL (on request)



HL

MOTOR

- Two-pole induction motor (n = 2850 / 3450 rpm)
- Insulation class B; protection IP44
- Continuous service S1
- Thermal protector
- Single-phase 220 V / 50 Hz or 60 Hz

WORKING CONDITION

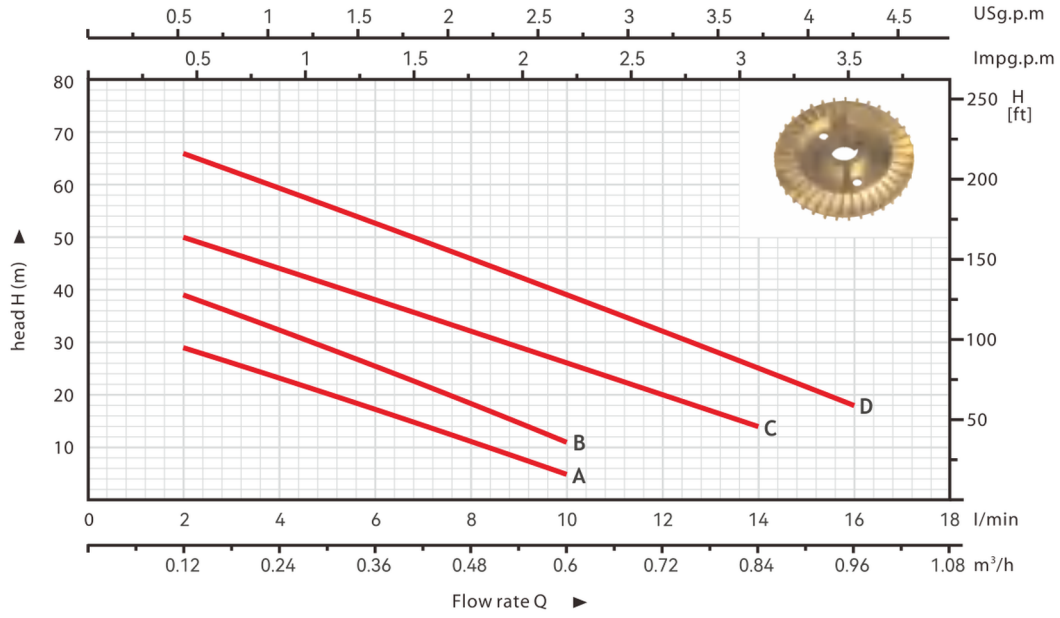
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Brass
Pump support	Aluminium + Brass
Motor housing	Aluminium
Impeller	Brass
Motor shaft	Carbon steel, AISI 304 SS on request
Mechanical seal	Ceramic / Graphite

PERIPHERAL PUMPS “HL”

PERFORMANCE CHART



NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	0.12	0.24	0.36	0.48	0.6	0.72	0.84	0.96
				Q (l/min)	0	2	4	6	8	10	12	14	16
A	HL150A (50Hz)	0.15	0.2	H (m)	35	29	23	17	10.5	5			
B	HL150A (60Hz)	0.22	0.3	H (m)	45.5	39	32	24.5	18	11			
C	HL370A (50Hz)	0.37	0.5	H (m)	55	50	45	39	32	26	20	14	
D	HL370A (60Hz)	0.55	0.75	H (m)	72	66	60	54	47	40	32	25	18

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	HL150A (50Hz)	¼" × ¼"	4.4	235 × 149 × 176
B	HL150A (60Hz)	¼" × ¼"	4.4	235 × 149 × 176
C	HL370A (50Hz)	¼" × ¼"	4.6	235 × 149 × 176
D	HL370A (60Hz)	¼" × ¼"	4.6	235 × 149 × 176

Performance values at n = 2850 rpm (50 Hz models) and n = 3450 rpm (60 Hz models). Specifications are subject to change without notice.