SELF-PRIMING PERIPHERAL PUMPS “HPSm”



TECHNICAL FEATURES

- Suitable for clean water free of abrasive particles and liquids that are not chemically aggressive to the pump materials.
- Compact, reliable and easy to use: suitable for domestic applications such as water distribution with small pressure sets, the irrigation of gardens and allotments, drawing water from tanks, and other situations where air may be present in the pumped water.
- Supplied complete with a flap check valve.
- Install in an enclosed area, or at least sheltered from bad weather.



HBPSm (on request)



HPSm

MOTOR

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

WORKING CONDITION

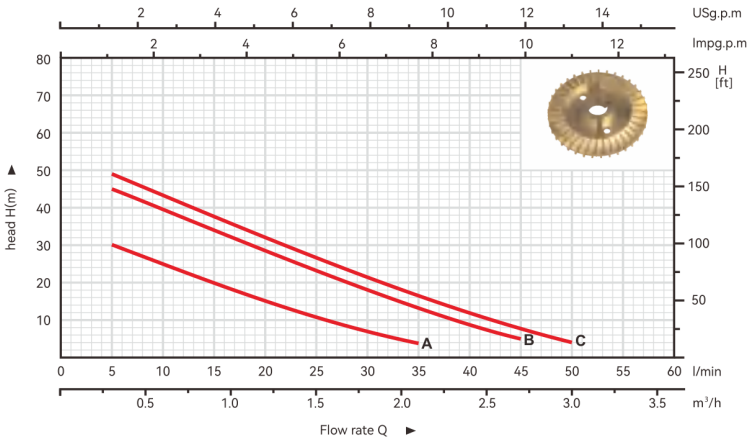
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 9 m

SELF-PRIMING PERIPHERAL PUMPS “HPSm”

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron, with AISI 304 SS insert on request
Pump cover	Cast iron (electrophoresis), with AISI 304 SS insert on request
Motor housing	Aluminium
Impeller	Brass
Motor shaft	Carbon steel, AISI 304 SS on request
Mechanical seal	Ceramic / Graphite

PERFORMANCE CHART AT n = 2850 RPM



NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3
				Q (l/min)	0	5	10	15	20	25	30	35	40	45	50
A	HPSm60	0.37	0.5	H (m)	35	30	25	20	15.5	11	7.5	4			
B	HPSm70	0.55	0.75	H (m)	50	45	39.5	34	28.5	23	18	13	9	5	
C	HPSm80	0.75	1	H (m)	55	49	43	37	31.5	26	21	16	12	8	4

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	HPSm60	1" × 1"	6.1	260 × 173 × 240
B	HPSm70	1" × 1"	8.7	317 × 191 × 253
C	HPSm80	1" × 1"	9.8	317 × 191 × 253

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