SMART SELF-PRIMING PUMPS “HRSm-A”



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.
- Supplied complete with a flap check valve.
- Keeps the water pressure stable so that water heaters work normally.
- Install in an enclosed area, or at least sheltered from bad weather.



HRSm-A (on request)





HRSm-A



HRSm-A

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

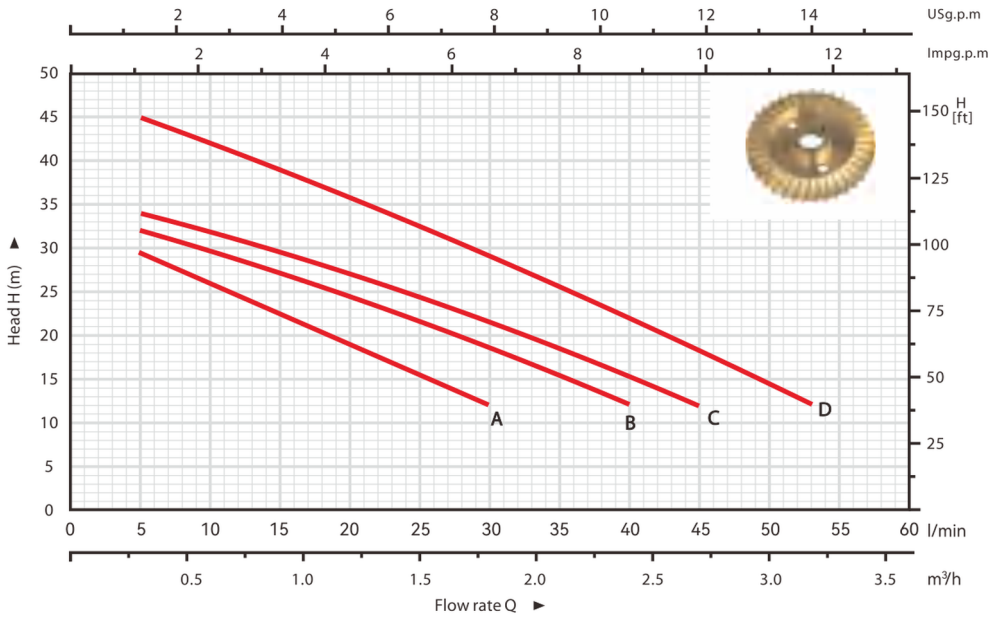
- Liquid temperature up to 45 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	POM + Brass
Pump cover	Pure Brass
Motor housing	Aluminium
Impeller	Brass
Motor shaft	AISI 304 SS
Mechanical seal	Ceramic / Graphite

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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	3.18
				Q (l/min)	0	5	10	15	20	25	30	35	40	45	50	53
A	HRSm155-A	0.15	0.2	H (m)	33	29.5	26	22.5	19	15.5	12					
B	HRSm205-A	0.2	0.27	H (m)	35	32	29.5	27	24.5	21.5	18.5	15.5	12			
C	HRSm305-A	0.3	0.4	H (m)	36.5	34	31.5	29.5	27	24.5	21.5	18.5	15	12		
D	HRSm405-A	0.4	0.54	H (m)	48	45	42	39	35.5	32.5	29	25.5	22	18.5	14.5	12

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	HRSm155-A	1" × 1"	9.3	480 × 400 × 355
B	HRSm205-A	1" × 1"	11.3	480 × 400 × 355
C	HRSm305-A	1" × 1"	11.9	480 × 400 × 355
D	HRSm405-A	1¼" × 1¼"	13.4	480 × 400 × 355

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