SMART SELF-PRIMING PUMPS “HRSm-A2”



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-A2 (on request)





HRSm-A2



HRSm-A2

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

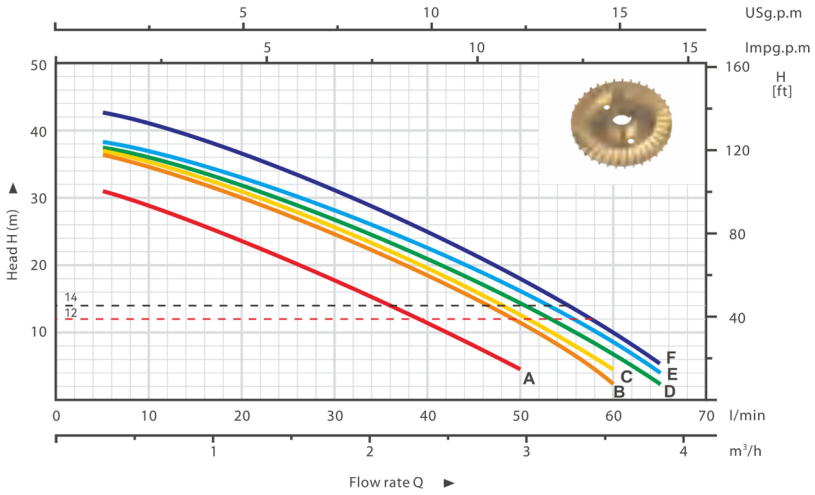
- Liquid temperature up to 45 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

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	3.3	3.6	3.9
				Q (l/min)	0	5	10	15	20	25	30	35	40	45	50	55	60	65
A	HRSm155-A2	0.15	0.2	H (m)	33.5	31.2	29	26.5	24	21	18	15	11.7	8	4.2			
B	HRSm205-A2	0.2	0.27	H (m)	38	36.5	34.8	32.8	29.5	28	25	22	18.5	14.5	10.5	6.5	2.5	
C	HRSm255-A2	0.25	0.33	H (m)	39	37.5	35.8	33.8	30.5	29	26	23	19.5	15.8	12	8.5	4.5	
D	HRSm305-A2	0.3	0.4	H (m)	39.5	37.8	36.2	34.2	31	29.7	27.2	24.5	21.5	18	14.3	10.5	6.5	2.5
E	HRSm355-A2	0.35	0.47	H (m)	40	38.5	36.7	34.8	32	30.5	28	25.3	22.5	19.2	15.8	12	8	4
F	HRSm405-A2	0.4	0.54	H (m)	44	42.5	40.7	38.5	32.2	33.8	31	28	24.8	21.5	18	13.9	9.8	5.5

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	HRSm155-A2	1" × 1"	8.5	380 × 360 × 330
B	HRSm205-A2	1" × 1"	9.7	380 × 360 × 330
C	HRSm255-A2	1" × 1"	10.2	380 × 360 × 330
D	HRSm305-A2	1" × 1"	10.5	380 × 360 × 330
E	HRSm355-A2	1" × 1"	11	380 × 360 × 330
F	HRSm405-A2	1" × 1"	11.5	380 × 360 × 330

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