INVERTER AUTOMATIC PUMPS “2HIC”



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.
- Keeps the water pressure stable so that water heaters work normally.
- Install in an enclosed area, or at least sheltered from bad weather.

MOTOR

- Permanent magnet synchronous motor
- Insulation class B; protection IP44
- Continuous service S1
- Single-phase 220 V / 50 Hz (60 Hz on request)

WORKING CONDITION

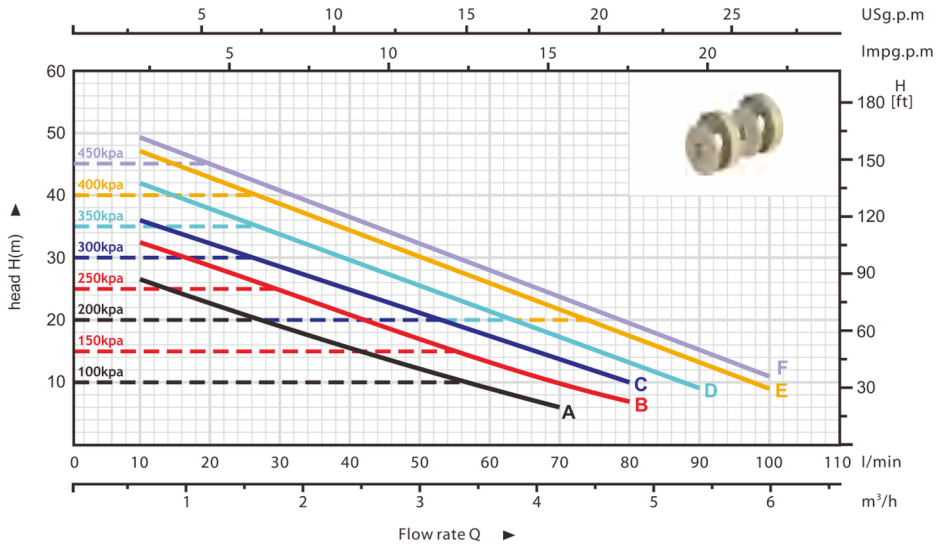
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 7 m
- Motor speed: 5500 RPM

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Techno-polymer
Pump cover	Aluminium
Motor housing	Aluminium
Impeller	Techno-polymer
Motor shaft	AISI 304
Mechanical seal	SiC / Graphite

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PERFORMANCE CHART AT n = 5500 RPM



NO.	MODEL	POWER kW	Q (m³/h)	0	0.3	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
			Q (l/min)	0	5	10	20	30	40	50	60	70	80	90	100
A	2HIC-300	0.34	H (m)	30	28	26.5	23	19.5	15.5	12	9	6			
B	2HIC-400	0.42	H (m)	35	34	32.5	29	25	21	17	13.5	10	7		
C	2HIC-500	0.5	H (m)	40	38	36	32	28	24.5	20.5	17	13.5	10		
D	2HIC-600	0.58	H (m)	45	44	42	37.5	33	29	25	21	17	13	9	
E	2HIC-700	0.65	H (m)	48	47.5	47	43	38	33.5	29	25	21	17	13	9
F	2HIC-800	0.75	H (m)	51	49.5	49	45	40	35	30.5	26.5	22.5	18.5	14.5	10.5

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	2HIC-300	1" × 1"	6.5	395 × 276 × 340
B	2HIC-400	1" × 1"	6.6	395 × 276 × 340
C	2HIC-500	1" × 1"	7.5	395 × 276 × 340
D	2HIC-600	1" × 1"	7.7	395 × 276 × 340
E	2HIC-700	1" × 1"	7.8	395 × 276 × 340
F	2HIC-800	1" × 1"	8.5	395 × 276 × 340

Performance values at n = 5500 rpm, 50 Hz. Specifications are subject to change without notice.