CENTRIFUGAL PUMPS “2HCP”



TECHNICAL FEATURES

- Suitable for clean water and liquids that are not chemically aggressive to the pump materials.
- Reliable and easy to use: widely used in domestic and civil applications such as water distribution with small and medium-sized pressure sets, liquid transfer, and the irrigation of gardens and allotments.
- Install in an enclosed area, or at least sheltered from bad weather.



2HCP-160



2HCP-200

MOTOR

- Two-pole induction motor (n = 2850 rpm)
- Insulation class B; protection IP44
- Continuous service S1
- Thermal protector on single-phase versions
- Single-phase 220 V / 50 Hz (60 Hz on request)
- Three-phase 380 V / 50 Hz (60 Hz on request)

WORKING CONDITION

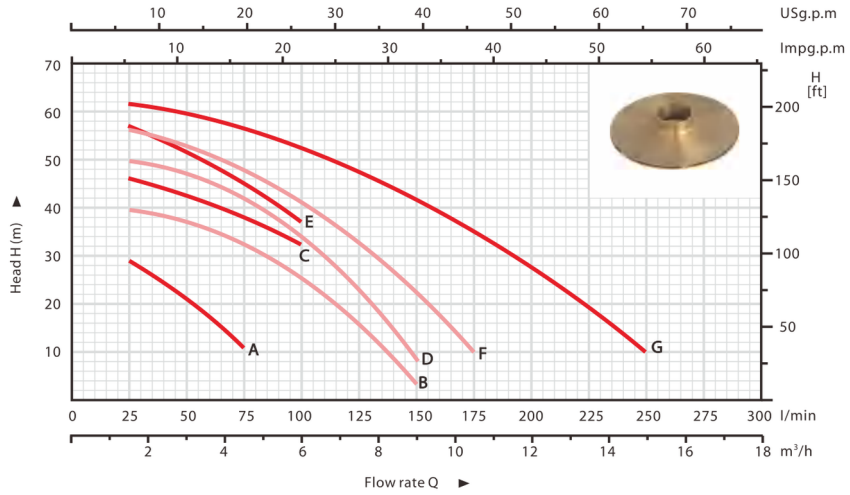
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

MATERIALS

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

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PERFORMANCE CHART AT n = 2850 RPM



NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	1.5	3	4.5	6	7.5	9	10.5	12	13.5	15
				Q (l/min)	0	25	50	75	100	125	150	175	200	225	250
A	2HCP-130	0.75	1	H (m)	38	29	21	11							
B	2HCP-140M	1.1	1.5	H (m)	45	40	37	32	26	16	3				
C	2HCP-140H	1.1	1.5	H (m)	50	46	42.5	38	32.5						
D	2HCP-160B	1.5	2	H (m)	54	50	47	42	34	24	8				
E	2HCP-160	1.5	2	H (m)	61	57	51.5	45	37						
F	2HCP-180	2.2	3	H (m)	60	56.5	53	48	41	32.5	22	10			
G	2HCP-200	3	4	H (m)	65	61.5	59	56	52	47	42	36	29	21	10

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	2HCP-130	1¼" × 1"	16	372 × 220 × 260
B	2HCP-140M	1½" × 1"	22	425 × 255 × 280
C	2HCP-140H	1¼" × 1"	22	425 × 255 × 280
D	2HCP-160B	1½" × 1"	27	455 × 255 × 295
E	2HCP-160	1¼" × 1"	26	455 × 255 × 295
F	2HCP-180	1½" × 1¼"	32	550 × 310 × 370
G	2HCP-200	1½" × 1¼"	42	550 × 298 × 350

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