CENTRIFUGAL PUMPS “HCPF”



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.

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

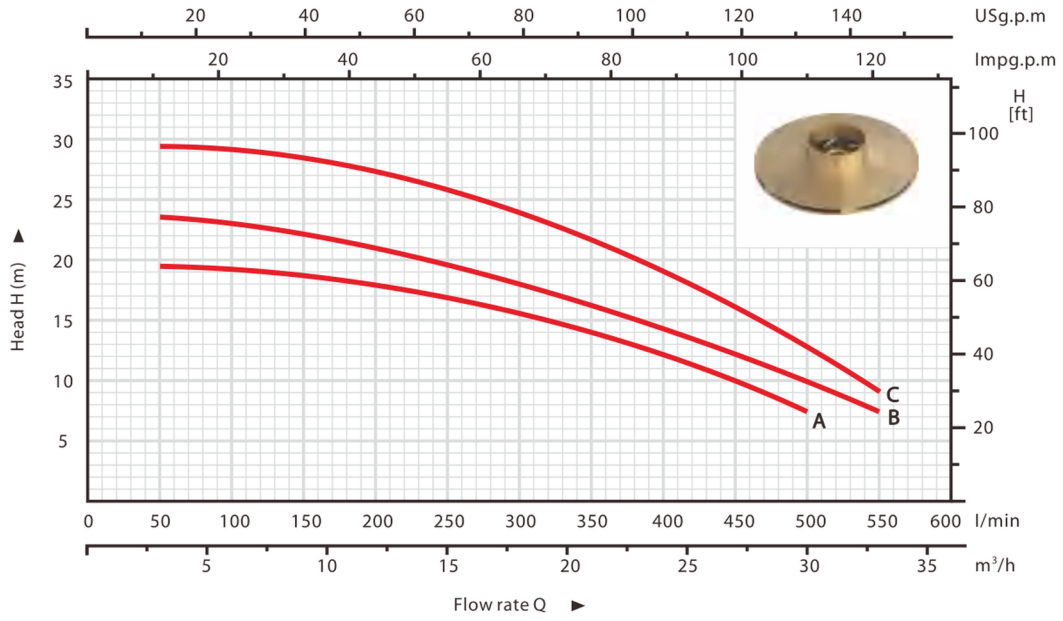
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

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	3	6	9	12	15	18	21	24	27	30	33
				Q (l/min)	0	50	100	150	200	250	300	350	400	450	500	550
A	HCPF-60	1.1	1.5	H (m)	20	19.5	19	18.2	17.5	16.8	15.5	14	12	10	7	
B	HCPF-70	1.5	2	H (m)	24	23.5	22.5	21.5	20.5	19.5	18	16.5	14.5	12.5	10	7
C	HCPF-80	2.2	3	H (m)	30	29.5	29	28	27	25.5	24	21.5	19	16	12.5	9

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	HCPF-60	2" × 2"	22.5	410 × 240 × 310
B	HCPF-70	2" × 2"	23.5	410 × 240 × 310
C	HCPF-80	2" × 2"	28	430 × 240 × 310

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