CENTRIFUGAL PUMPS “HCK”



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

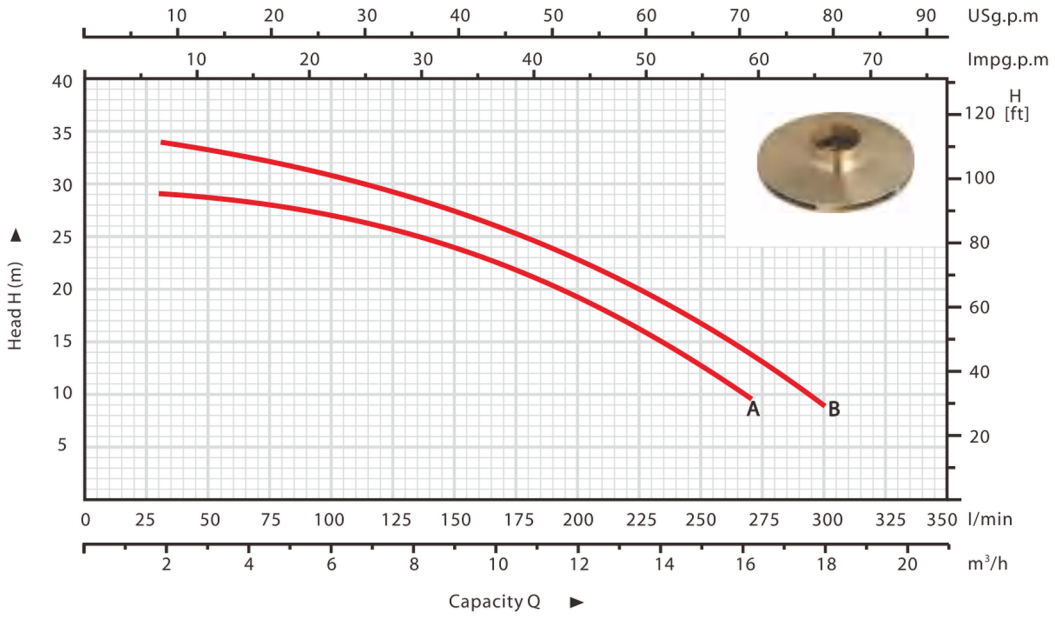
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

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	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2	18
				Q (l/min)	0	30	60	90	120	150	180	210	240	270	300
A	HCK-30	1.1	1.5	H (m)	30	29	28.5	27.5	26	24.5	22	18.5	14.5	9	
B	HCK-36	1.5	2	H (m)	36	34.5	33	31.5	29.5	27.5	25	22	18.5	14	8

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	HCK-30	1½" × 1"	19	360 × 225 × 285
B	HCK-36	1½" × 1"	20	360 × 225 × 285

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