PERIPHERAL PUMPS “IDB”



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.
- Install in an enclosed area, or at least sheltered from bad weather.



IDB35



IDB40/50

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

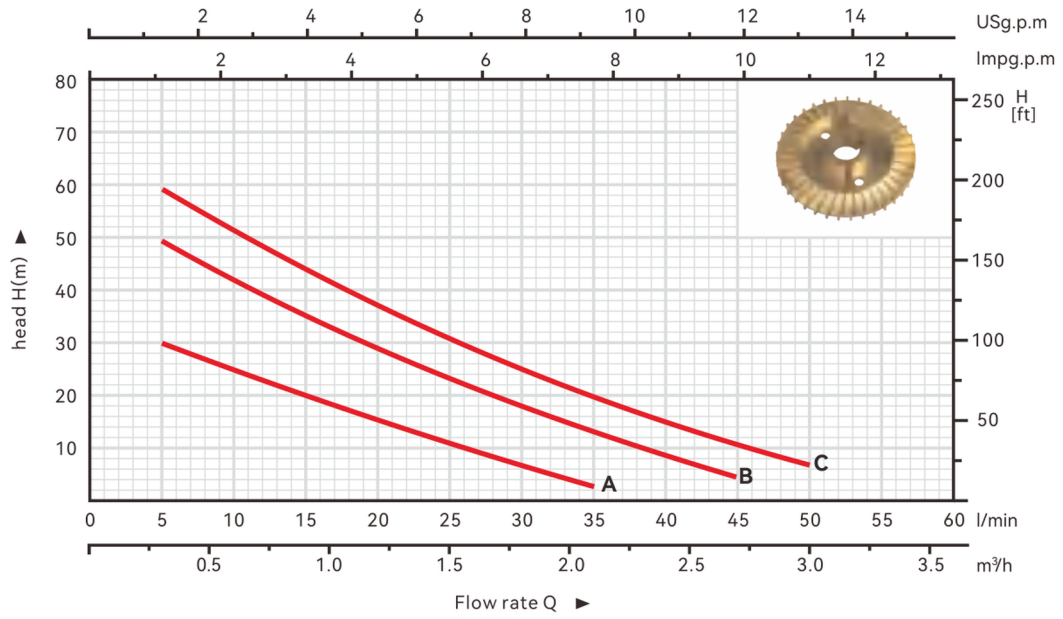
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron, with brass / AISI 304 SS insert on request
Pump support	Cast iron, with brass / AISI 304 SS insert on request
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	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3
				Q (l/min)	0	5	10	15	20	25	30	35	40	45	50
A	IDB35	0.37	0.5	H (m)	35	30	25	20	15	10.5	6.5	3			
B	IDB40	0.55	0.75	H (m)	55	49	43	37	30	23	17	12	8	5	
C	IDB50	0.75	1	H (m)	65	59	52	45	38	31	25	19	14	10	7

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	IDB35	1" × 1"	5.1	285 × 170 × 180
B	IDB40	1" × 1"	8.1	348 × 185 × 213
C	IDB50	1" × 1"	9	348 × 185 × 213

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