SUBMERSIBLE PUMPS “HDB”



TECHNICAL FEATURES

- Suitable for dirty water that is not chemically aggressive to the pump materials.
- Reliable and easy to use: suitable for clearing dirty water and discharging domestic waste water.

MOTOR

- Two-pole induction motor (n = 2850 rpm)
- Insulation class B; protection IP68
- Continuous service S1
- Thermal protector on single-phase versions
- Single-phase 220 V / 50 Hz (60 Hz on request)

WORKING CONDITION

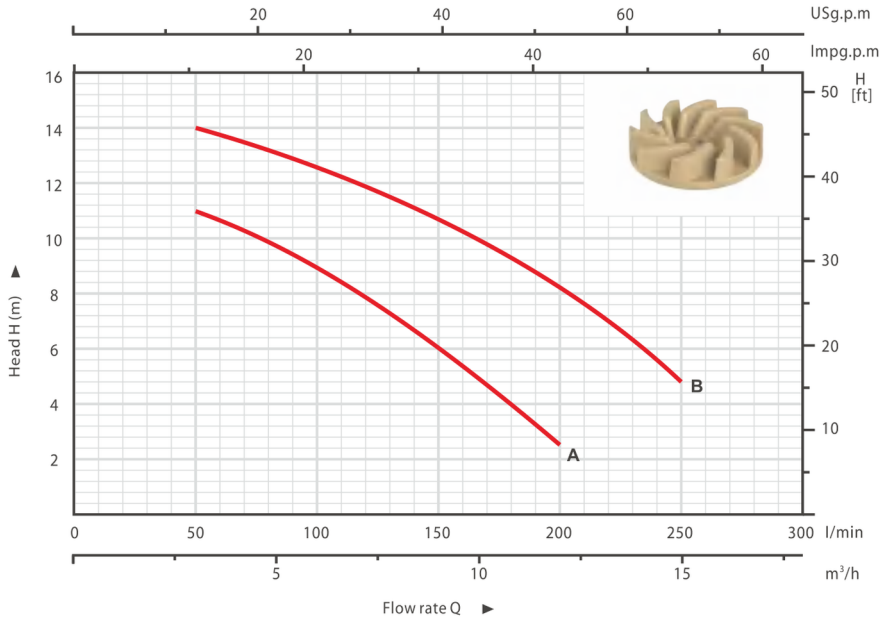
- Maximum immersion depth 5 m
- Liquid temperature up to 35 °C
- Ambient temperature up to 40 °C

MATERIALS

COMPONENT	CONSTRUCTION
Diffuser	Rubber
Motor housing	AISI 201 SS
Impeller	Techno-polymer
Motor shaft	Carbon steel, AISI 304 SS on request
Mechanical seal	Ceramic / Graphite
Cable	6 m power cable with plug

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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
				Q (l/min)	0	50	100	150	200	250
A	HDB480	0.48	0.65	H (m)	12	11	9	6	2.4	
B	HDB800	0.8	1.1	H (m)	15	14	12.7	11	8.2	4.7

TECHNICAL DATA

NO.	MODEL	OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	HDB480	2"	12	235 × 220 × 403
B	HDB800	2"	13.5	235 × 220 × 418

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