SUBMERSIBLE SEWAGE PUMPS “HWD”



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, discharging domestic waste water and emptying collection traps containing particles up to Ø 40 mm.

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)
- Three-phase 380 V / 50 Hz (60 Hz on request)

WORKING CONDITION

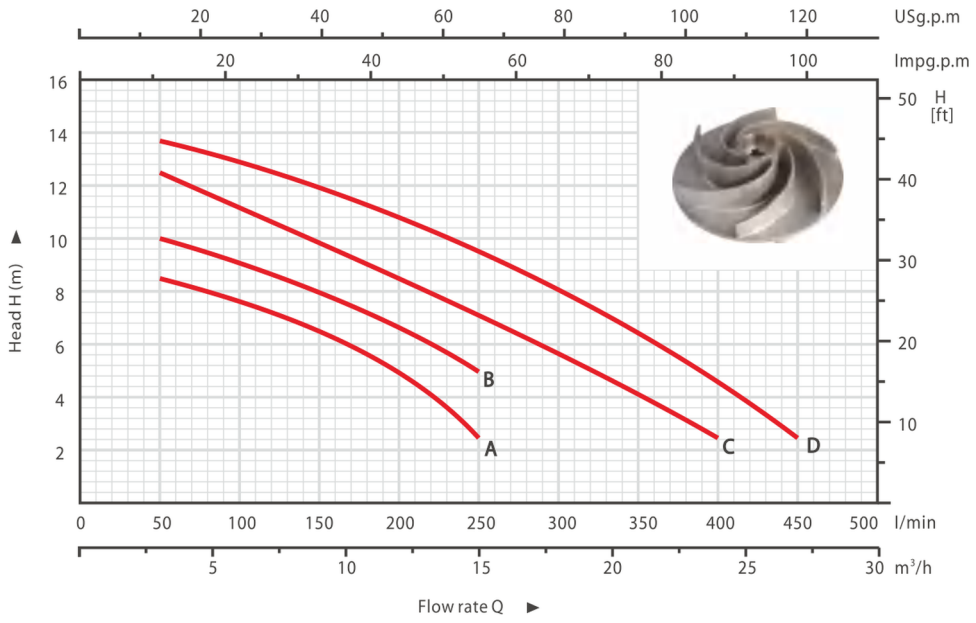
- Maximum immersion depth 5 m
- Liquid temperature up to 35 °C
- Ambient temperature up to 40 °C

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	AISI 304 SS
Motor housing	AISI 304 SS
Impeller	AISI 304 SS
Motor shaft	AISI 304 SS
Mechanical seal	SiC / SiC
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	18	21	24	27
				Q (l/min)	0	50	100	150	200	250	300	350	400	450
A	HWD-550S	0.55	0.75	H (m)	10	8.5	7.5	6.5	5	2.5				
B	HWD-750S	0.75	1	H (m)	11	10	9	8	6.5	5				
C	HWD-1100S	1.1	1.5	H (m)	12.5	11.5	10.5	9.5	8.5	7	5.5	4	2.5	
D	HWD-1500S	1.5	2	H (m)	15	13.7	13	12	10.8	9.5	8	6.5	4.5	2.5

TECHNICAL DATA

NO.	MODEL	OUTLET (inch)	PARTICAL (Φ mm)	N.W. (kg)	L × W × H (mm)
A	HWD-550S	1½"	40	11	260 × 260 × 505
B	HWD-750S	1½"	40	12	260 × 260 × 505
C	HWD-1100S	2"	40	13	275 × 275 × 520
D	HWD-1500S	2"	40	15	275 × 275 × 550

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