SUBMERSIBLE SEWAGE PUMPS “HTD”



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 45 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

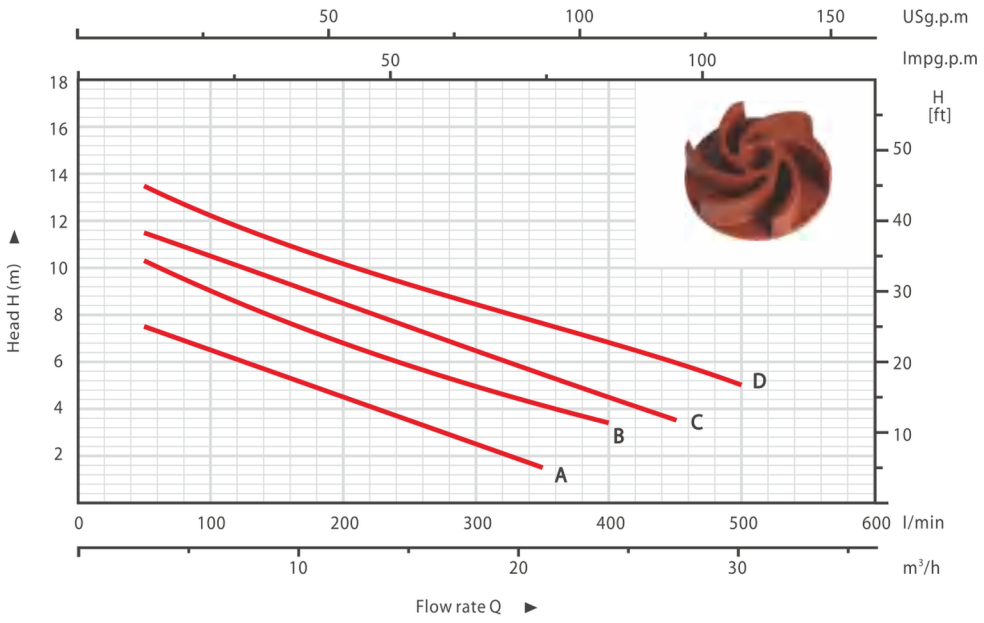
- Maximum immersion depth 5 m
- Liquid temperature up to 35 °C
- Ambient temperature up to 40 °C

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron
Motor housing	Cast iron
Impeller	Cast iron
Motor shaft	AISI 304 SS
Mechanical seal	SiC / SiC
Cable	8 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	11	15	18	21	24	27	30
				Q (l/min)	0	50	100	150	200	250	300	350	400	450	500
A	HTD-550	0.55	0.75	H (m)	8.5	7.5	6.5	5.5	4.5	3.5	2.5	1.5			
B	HTD-750	0.75	1	H (m)	11.5	10.3	9	8	6.8	5.8	5	4	3.4		
C	HTD-1100	1.1	1.5	H (m)	13	11.5	10.5	9.5	8.5	7.5	6.5	5.5	4.5	3.5	
D	HTD-1500	1.5	2	H (m)	15	13.5	12	11	10	9.3	8.5	7.5	6.5	6	5

TECHNICAL DATA

NO.	MODEL	OUTLET (inch)	PARTICAL (Φ mm)	N.W. (kg)	L × W × H (mm)
A	HTD-550	2"	45	20.2	315 × 252 × 504
B	HTD-750	2"	45	21	315 × 252 × 504
C	HTD-1100	2"	45	23.3	315 × 252 × 542
D	HTD-1500	2"	45	25	315 × 252 × 542

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