SUBMERSIBLE SEWAGE PUMPS “HVT-D/F”



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 35 mm.



HVT-F



HVT-D

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

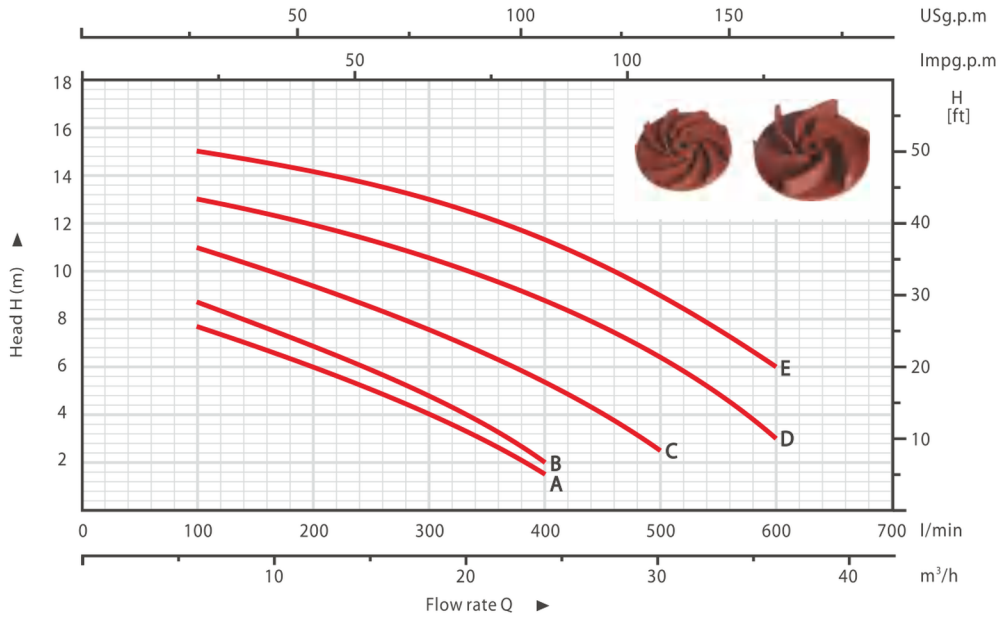
- Maximum immersion depth 5 m
- Liquid temperature up to 35 °C
- Ambient temperature up to 40 °C

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron
Motor housing	AISI 201 SS
Impeller	Cast iron
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	6	12	18	24	30	36
				Q (l/min)	0	100	200	300	400	500	600
A	HVT-550D/F	0.55	0.75	H (m)	9.5	7.7	6	4	1.5		
B	HVT-750D/F	0.75	1	H (m)	10.5	8.7	6.8	4.8	2		
C	HVT-1100D/F	1.1	1.5	H (m)	13	11	9.5	7.5	5.5	2.5	
D	HVT-1500D/F	1.5	2	H (m)	15	13	12	10.5	8.5	6.5	3
E	HVT-2200D/F	2.2	3	H (m)	17	15	14	13	11.5	9	6

TECHNICAL DATA

NO.	MODEL	OUTLET (inch)	PARTICAL (Φ mm)	N.W. (kg)	L × W × H (mm)
A	HVT-550D/F	2"	35	16.5	285 × 198 × 470
B	HVT-750D/F	2"	35	17.5	285 × 198 × 485
C	HVT-1100D/F	2"	35	19.5	285 × 198 × 500
D	HVT-1500D/F	2"	35	21.5	285 × 198 × 520
E	HVT-2200D/F	2"	35	22.5	285 × 198 × 538

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