SUBMERSIBLE SEWAGE PUMPS “HVT-C5”



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.

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

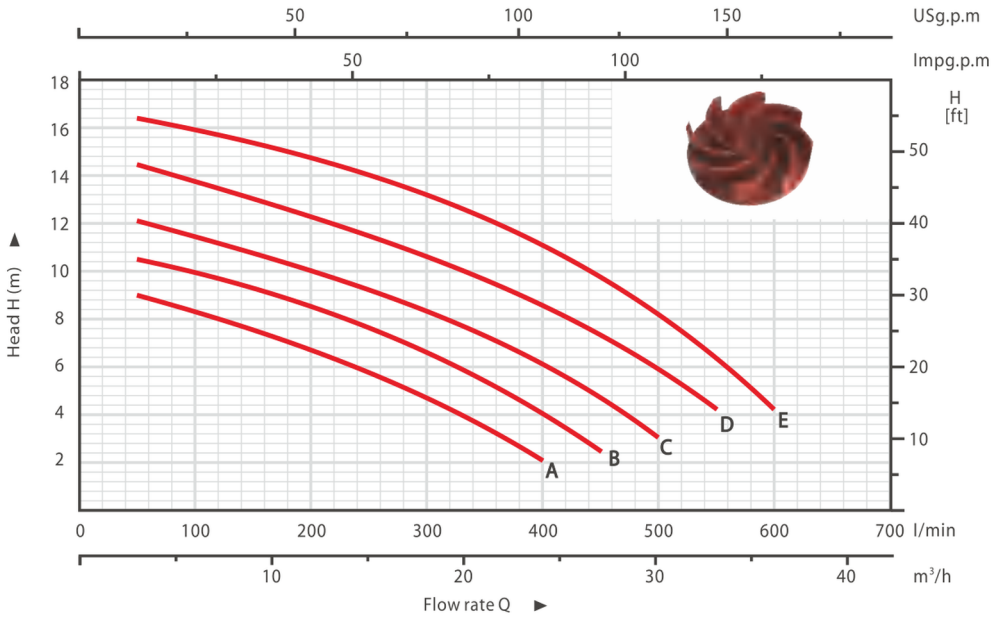
- Maximum immersion depth 5 m
- Liquid temperature up to 35 °C
- Ambient temperature up to 40 °C

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron
Motor housing	AISI 201 SS
Impeller	Ductile 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	3	6	9	12	15	18	21	24	27	30	33	36
				Q (l/min)	0	50	100	150	200	250	300	350	400	450	500	550	600
A	HVT-550C5	0.55	0.75	H (m)	9.5	8.9	8.3	7.5	6.7	5.7	4.7	3.4	2.1				
B	HVT-750C5	0.75	1	H (m)	10.8	10.5	9.9	9.1	8.5	7.6	6.7	5.5	4.2	2.5			
C	HVT-1100C5	1.1	1.5	H (m)	12.7	12.1	11.4	10.7	10	9.2	8.3	7.2	6	4.8	3.1		
D	HVT-1500C5	1.5	2	H (m)	15	14.5	13.8	13	12.3	11.4	10.6	9.8	8.6	7.2	5.7	4.2	
E	HVT-2200C5	2.2	3	H (m)	17	16.4	15.9	15.2	14.5	13.8	12.9	12.2	11.2	9.9	8.2	6.4	4.2

TECHNICAL DATA

NO.	MODEL	OUTLET (inch)	PARTICAL (Φ mm)	N.W. (kg)	L × W × H (mm)
A	HVT-550C5	2"	35	17.5	295 × 208 × 492
B	HVT-750C5	2"	35	18.2	295 × 208 × 502
C	HVT-1100C5	2"	35	20.2	295 × 208 × 516
D	HVT-1500C5	2"	35	22.6	295 × 208 × 545
E	HVT-2200C5	2"	35	23.9	295 × 208 × 560

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