CUTTING SYSTEM SUBMERSIBLE SEWAGE PUMPS “HD-2”



TECHNICAL FEATURES

- Submersible sewage pump widely used in agriculture, construction, mining, environmental protection and industry for draining slurry and waste water containing short and long fibres, waste paper, sand and similar solids; also well suited to irrigation.



HD550-2~HD750-2



Cutting system

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

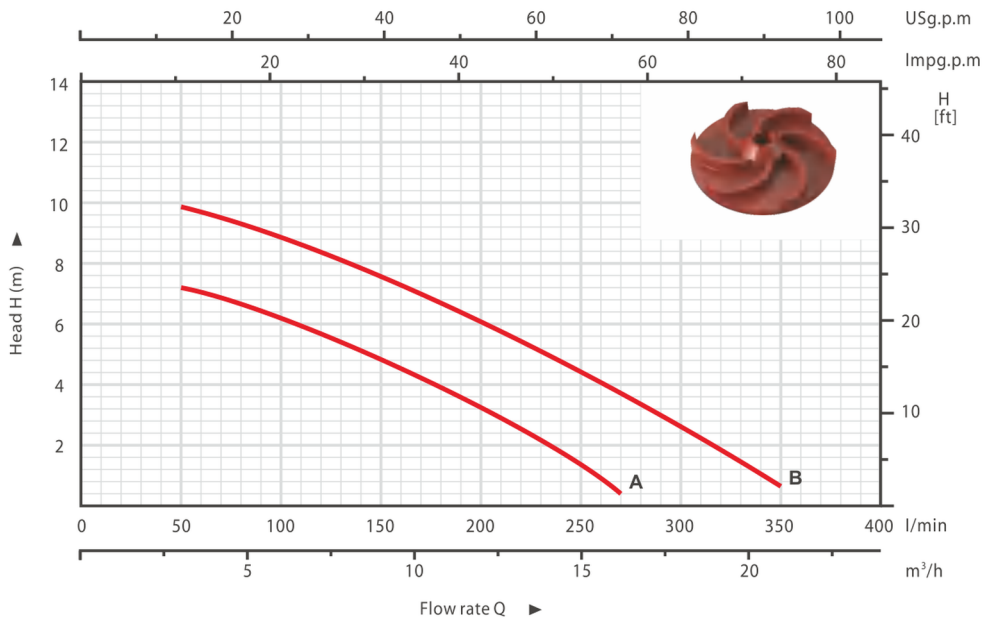
- Maximum immersion depth 5 m
- Liquid temperature up to 35 °C
- Ambient temperature up to 40 °C

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	3	6	9	12	15	18	21
				Q (l/min)	0	50	100	150	200	250	300	350
A	HD550-2	0.55	0.75	H (m)	8	7.2	6.1	5	3.8	2.4	0.4	
B	HD750-2	0.75	1	H (m)	11	9.9	8.8	7.6	6.3	4.5	2.5	0.6

TECHNICAL DATA

NO.	MODEL	OUTLET (inch)	PARTICAL (Φ mm)	N.W. (kg)	L × W × H (mm)
A	HD550-2	2"	5	18	230 × 220 × 455
B	HD750-2	2"	5	18.8	230 × 220 × 465

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