CUTTING SYSTEM SUBMERSIBLE SEWAGE PUMPS “HD1150F~HD1550F”

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.



HD1150F~HD1550F



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

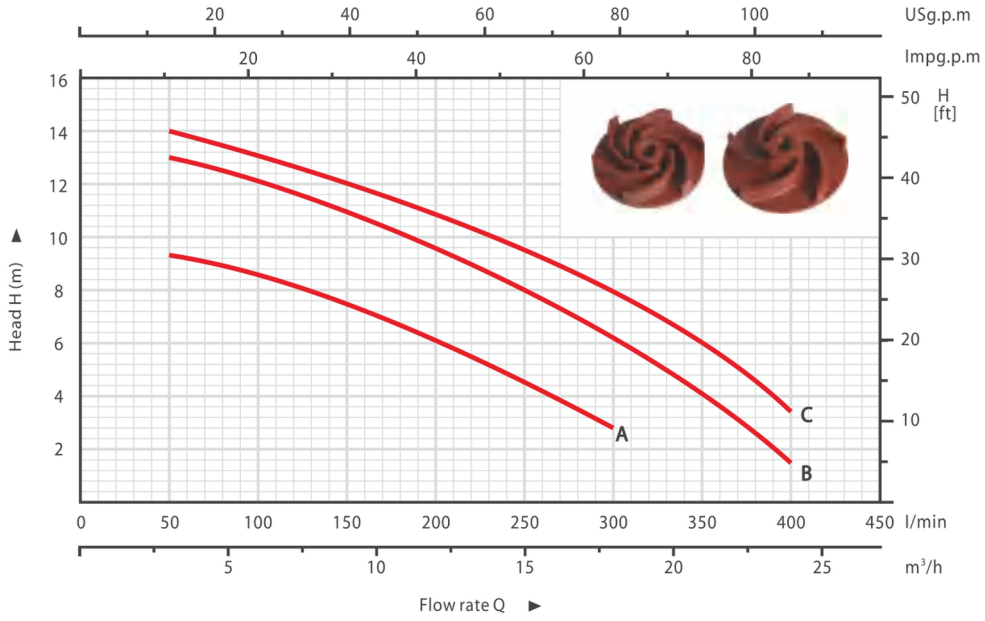
- Maximum immersion depth 5 m
- Liquid temperature up to 35 °C
- Ambient temperature up to 40 °C

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	8 m power cable with plug

CUTTING SYSTEM SUBMERSIBLE SEWAGE PUMPS “HD1150F~HD1550F”

PERFORMANCE CHART AT n = 2850 RPM



NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	3	6	9	12	15	18	21	24
				Q (l/min)	0	50	100	150	200	250	300	350	400
A	HD1150F	1.15	1.6	H (m)	10	9.3	8.6	7.5	6	4.5	2.8		
B	HD1300F	1.3	1.8	H (m)	14	13	12	10.8	9.5	8	6.4	4	1.5
C	HD1550F	1.55	2.1	H (m)	15	14	13	12	11	9.5	8	6	3.5

TECHNICAL DATA

NO.	MODEL	OUTLET (inch)	PARTICAL (Φ mm)	N.W. (kg)	L × W × H (mm)
A	HD1150F	2"	8	20	280 × 215 × 515
B	HD1300F	2"	8	23	280 × 225 × 520
C	HD1550F	2½"	8	27.5	315 × 245 × 550

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

ATLAS MIDDLE EAST FZE | Sharjah Hamriyah Freezone – LV-15/C, Sharjah - UAE atlas-me.ae