CUTTING SYSTEM SUBMERSIBLE SEWAGE PUMPS “CUT”



TECHNICAL FEATURES

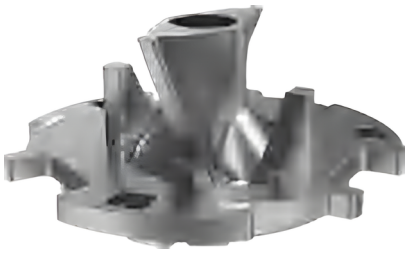
- Specifically designed for pumping untreated waste water from domestic, commercial or municipal sources.
- High discharge pressure allows waste water to be transferred over longer distances.
- The cutting system easily shreds fibrous material in the water, such as gloves, rope and cloth, without winding or clogging.
- Helps to reduce energy consumption and keep downtime costs to a minimum while maintaining peak performance throughout the system life.



CUT



Cutting system



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

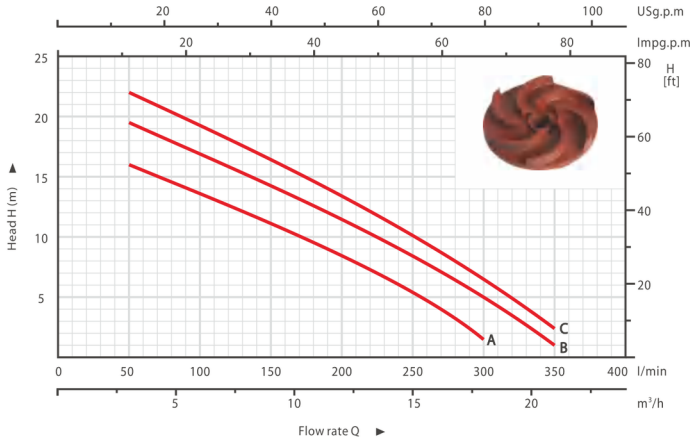
- Maximum immersion depth 5 m
- Liquid temperature up to 35 °C
- Ambient temperature up to 40 °C

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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

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	CUT800	0.8	1	H (m)	18	16	13.7	11	8.3	5.5	1.5		
B	CUT1100	1.1	1.5	H (m)	21.5	19.5	17	14.5	11.5	8.5	5	1	
C	CUT1500	1.5	2	H (m)	24	22	19.5	16.5	13.5	10	6.5	2.5	

TECHNICAL DATA

NO.	MODEL	OUTLET (inch)	PARTICAL (Φ mm)	N.W. (kg)	L × W × H (mm)
A	CUT800	2"	5	28.5	285 × 238 × 578
B	CUT1100	2"	5	30.5	285 × 238 × 600
C	CUT1500	2"	5	33	285 × 238 × 620

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