SUBMERSIBLE SEWAGE PUMPS “WQD-S”



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 10 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

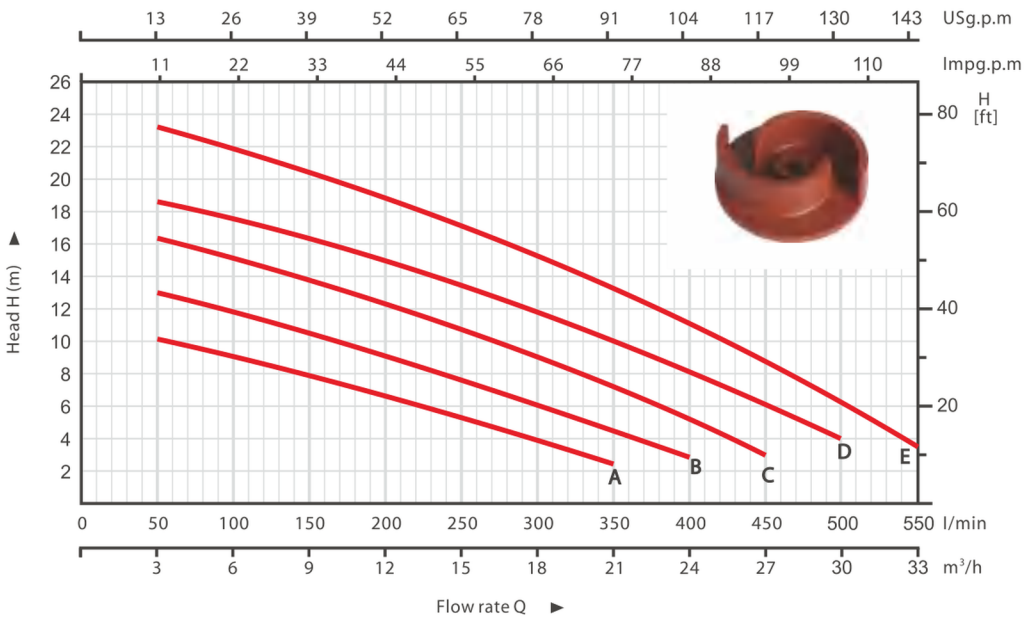
- Maximum immersion depth 5 m
- Liquid temperature up to 35 °C
- Ambient temperature up to 40 °C

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron
Motor housing	AISI 201 SS
Impeller	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	24	27	30	33
				Q (l/min)	0	50	100	150	200	250	300	350	400	450	500	550
A	WQD550-S	0.55	0.75	H (m)	11	10	9	7.7	6.8	5	4	2.5				
B	WQD750-S	0.75	1	H (m)	14	13	12	10.8	9.5	8	6	4.5	2.5			
C	WQD1100-S	1.1	1.5	H (m)	17.5	16	15	13.7	12	10.5	9	7	5	3		
D	WQD1500-S	1.5	2	H (m)	19.5	19	18	16.5	15.5	14	12.5	10.7	8.5	6.5	4	
E	WQD2200-S	2.2	3	H (m)	24.5	23	21.5	20	18.5	17	15.5	13.5	11.5	9	6.5	3.5

TECHNICAL DATA

NO.	MODEL	OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	WQD550-S	2"	14.8	270 × 193 × 475
B	WQD750-S	2"	15.6	270 × 193 × 485
C	WQD1100-S	2"	17.3	270 × 193 × 495
D	WQD1500-S	2"	21.3	283 × 207 × 525
E	WQD2200-S	2"	22.3	283 × 207 × 550

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