SUBMERSIBLE SEWAGE PUMPS “WQDR-B”



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 25 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

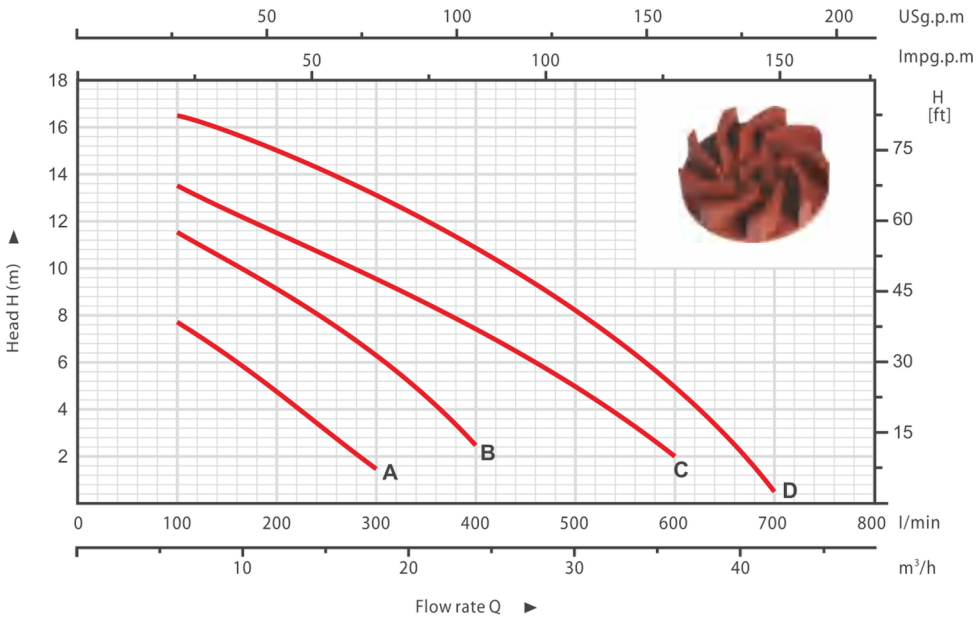
- Maximum immersion depth 5 m
- Liquid temperature up to 35 °C
- Ambient temperature up to 40 °C

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	6	12	18	24	30	36	42
				Q (l/min)	0	100	200	300	400	500	600	700
A	WQDR750-B	0.75	1	H (m)	10.5	7.7	4.7	1.5				
B	WQDR1100-B	1.1	1.5	H (m)	14	11.5	9	6.5	2.5			
C	WQDR1500-B	1.5	2	H (m)	15	13.5	11.5	9.5	7.5	5	2	
D	WQDR2200-B	2.2	3	H (m)	18	16.5	14.5	12.5	10.5	8	5	0.5

TECHNICAL DATA

NO.	MODEL	OUTLET (inch)	PARTICAL (Φ mm)	N.W. (kg)	L × W × H (mm)
A	WQDR750-B	2"	25	15	275 × 210 × 452
B	WQDR1100-B	2"	25	24	275 × 210 × 485
C	WQDR1500-B	3"	25	26	340 × 250 × 530
D	WQDR2200-B	3"	25	29	340 × 250 × 560

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