SUBMERSIBLE SEWAGE PUMPS “WQD-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 10 mm.



WQD550~2200-B



WQD250/370-B

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

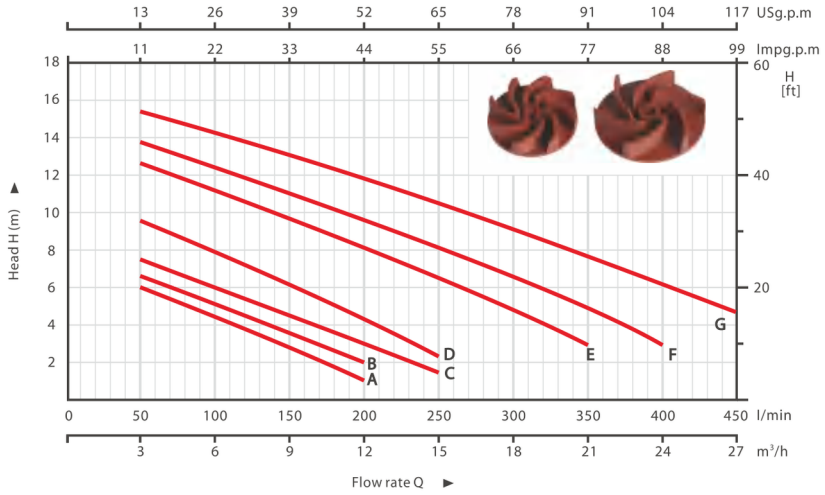
- Maximum immersion depth 5 m
- Liquid temperature up to 35 °C
- Ambient temperature up to 40 °C

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron
Motor housing	AISI 201 SS
Impeller	Cast iron
Motor shaft	Carbon steel, AISI 304 SS on request
Mechanical seal	Ceramic / Graphite
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
				Q (l/min)	0	50	100	150	200	250	300	350	400	450	500
A	WQD250-B	0.25	0.34	H (m)	7.5	6	4.5	3	1						
B	WQD370-B	0.37	0.5	H (m)	8	6.5	5	3.5	2						
C	WQD550-B	0.55	0.75	H (m)	9	7.7	6	4.4	3	1.5					
D	WQD750-B	0.75	1	H (m)	11	9.5	7.5	6	4.5	2.5					
E	WQD1100-B	1.1	1.5	H (m)	14	12.5	11	9.5	8	6.5	5	3			
F	WQD1500-B	1.5	2	H (m)	15	13.5	12	10.5	9.5	8	6.5	5	3		
G	WQD2200-B	2.2	3	H (m)	16.5	15.5	14.5	13.5	12.5	11.5	10	8.5	6.5	4.5	

TECHNICAL DATA

NO.	MODEL	OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	WQD250-B	1¼"	7.5	233 × 188 × 455
B	WQD370-B	1¼"	8.5	233 × 188 × 455
C	WQD550-B	2"	13	257 × 225 × 448
D	WQD750-B	2"	14	257 × 225 × 495
E	WQD1100-B	2"	16	257 × 225 × 512
F	WQD1500-B	2"	19	257 × 225 × 525
G	WQD2200-B	2"	21	257 × 225 × 538

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