SUBMERSIBLE SEWAGE PUMPS “WQD-D”



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-D



WQD250/370-D

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

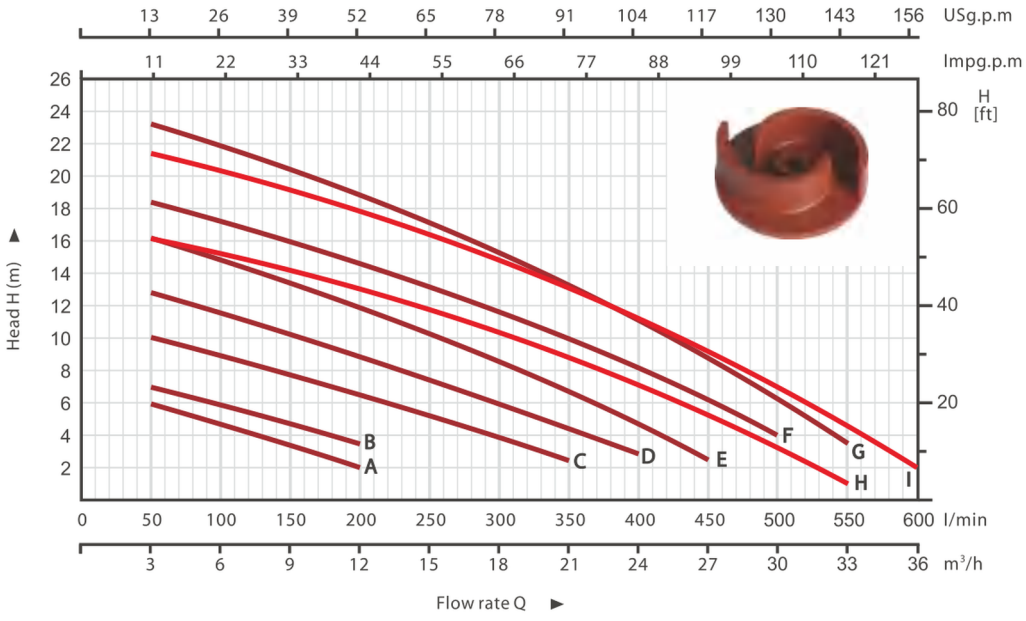
- Maximum immersion depth 5 m
- Liquid temperature up to 35 °C
- Ambient temperature up to 40 °C

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MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron
Motor housing	AISI 304 SS (0.25~0.37 kW); AISI 201 SS (0.55~2.2 kW)
Impeller	Cast iron
Motor shaft	AISI 304 SS
Mechanical seal	SiC / SiC
Cable	6 m power cable with plug

PERFORMANCE CHART AT n = 2850 RPM



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NO.	MODEL	POWER kW	POWER HP	Q (m^3/h)	0	3	6	9	12	15	18	21	24	27	30	33	36
				Q (l/min)	0	50	100	150	200	250	300	350	400	450	500	550	600
A	WQD250-D	0.25	0.34	H (m)	7	6	5	3.7	2								
B	WQD370-D	0.37	0.5	H (m)	8	7	6	4.8	3.5								
C	WQD550-D	0.55	0.75	H (m)	11	10	9	7.7	6.5	5.2	4	2.5					
D	WQD750-D	0.75	1	H (m)	14	13	12	11	9.5	8	6	4.5	2.8				
E	WQD1100-D	1.1	1.5	H (m)	17.5	16	15	13.5	12	10.5	9	7	5	2.5			
F	WQD1500-D	1.5	2	H (m)	19.5	18.8	17.8	16.5	15.5	14	12.5	10.5	8.5	6.5	4		
G	WQD2200-D	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	
H	WQD1500-D(3")	1.5	2	H (m)	17	16	15	14	13	11.8	10.5	9	7	5	3	1	
I	WQD2200-D(3")	2.2	3	H (m)	23	21.5	20	18.5	17.5	16	15	14	12.5	11	8.5	5.5	2

TECHNICAL DATA

NO.	MODEL	OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	WQD250-D	1¼"	8	205 × 155 × 400
B	WQD370-D	1¼"	9	205 × 155 × 420
C	WQD550-D	2"	14.5	265 × 188 × 467
D	WQD750-D	2"	15.3	265 × 188 × 477
E	WQD1100-D	2"	17	265 × 188 × 483
F	WQD1500-D	2"	21	285 × 203 × 515
G	WQD2200-D	2"	22	285 × 203 × 542
H	WQD1500-D(3")	3"	21.5	290 × 195 × 530
I	WQD2200-D(3")	3"	23	290 × 195 × 555

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