CUTTING SYSTEM SUBMERSIBLE SEWAGE PUMPS “WQH-QG”

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.



WQH3000-4000QG



WQH1500-2200QG

MOTOR

- Two-pole induction motor (n = 2850 rpm)
- Insulation class B; protection IP68
- Continuous service S1
- Thermal protector
- Three-phase 380 V / 50 Hz (60 Hz on request)

WORKING CONDITION

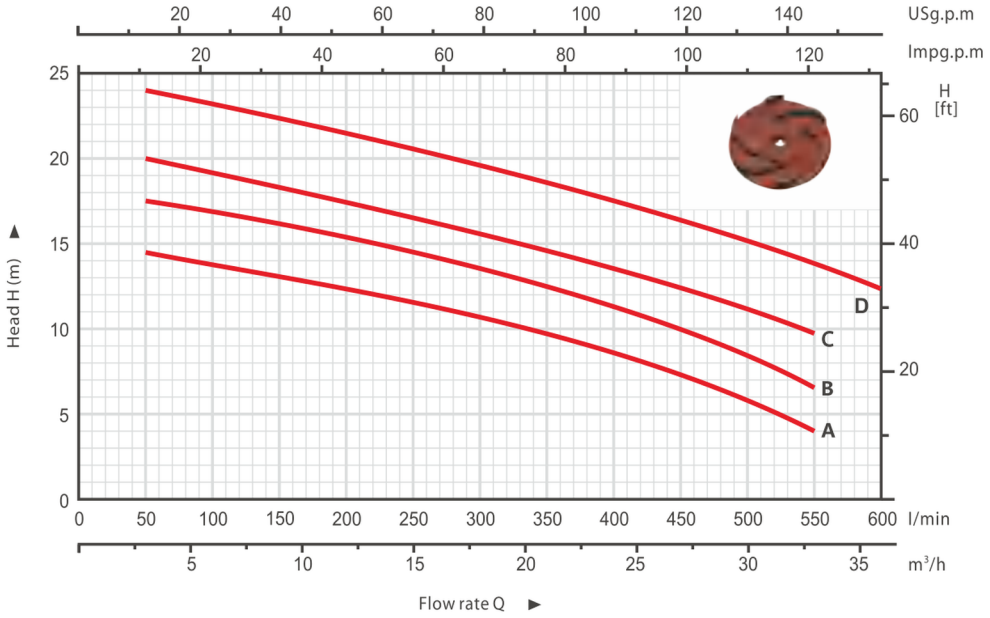
- Maximum immersion depth 5 m
- Liquid temperature up to 35 °C
- Ambient temperature up to 40 °C

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MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron
Motor housing	Cast iron
Impeller	Cast iron
Motor shaft	AISI 304 SS
Mechanical seal	SiC-SiC / Ceramic-Graphite
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	27	30	33	36
				Q (l/min)	0	50	100	150	200	250	300	350	400	450	500	550	600
A	WQH1500QG	1.5	2	H (m)	15	14.5	14	13.5	12.5	11.5	10.5	10	8.5	7	5.5	4	
B	WQH2200QG	2.2	3	H (m)	18	17.5	17	16.5	15.5	14.5	13.5	12.5	11.5	10	8.5	6.5	
C	WQH3000QG	3	4	H (m)	20.5	20	19	18	17.3	16.5	15.6	14.7	13.7	12.3	11	9.8	12.3
D	WQH4000QG	4	5.5	H (m)	24.5	24	23	22	21.3	20.4	19.6	18.7	17.7	16.7	15.4	14	

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TECHNICAL DATA

NO.	MODEL	OUTLET (inch)	PARTICAL (Φ mm)	N.W. (kg)	L × W × H (mm)
A	WQH1500QG	2"	5	31.3	315 × 260 × 500
B	WQH2200QG	2"	5	32.9	315 × 260 × 500
C	WQH3000QG	2"	5	51	300 × 270 × 555
D	WQH4000QG	2"	5	57	300 × 270 × 570

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