SUBMERSIBLE SEWAGE PUMPS “WQ-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 35 mm.

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

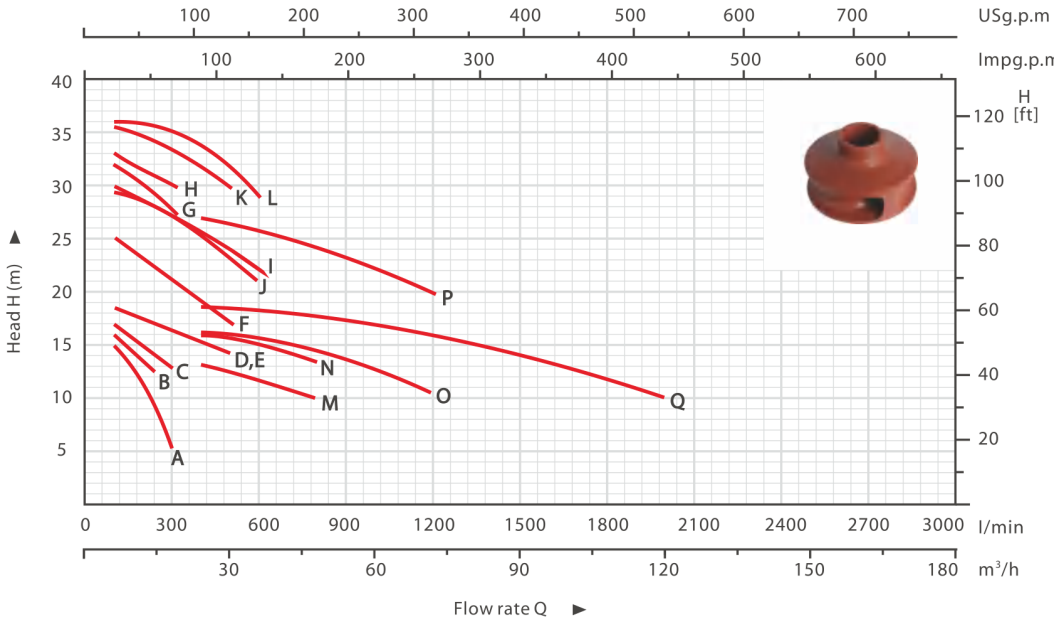
- Maximum immersion depth 5 m
- Liquid temperature up to 35 °C
- Ambient temperature up to 40 °C

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron
Motor housing	Cast iron
Impeller	Cast iron
Motor shaft	AISI 304 SS
Mechanical seal	Alloy / SiC
Cable	8 m power cable

SUBMERSIBLE SEWAGE PUMPS “WQ-B”

PERFORMANCE CHART AT n = 2850 RPM



WQ15-12-1.1B – WQ30-30-5.5B

NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	6	12	18	24	30	36
				Q (l/min)	0	100	200	300	400	500	600
A	WQ15-12-1.1B	1.1	1.5	H (m)	17	15	11.5	5.5			
B	WQ7-15-1.1B	1.1	1.5	H (m)	17.5	16	13.5				
C	WQ15-15-1.5B	1.5	2	H (m)	19.5	17	15	13			
D	WQ15-20-2.2B	2.2	3	H (m)	20	18.5	17.5	16.5			
E	WQ27-15-2.2B	2.2	3	H (m)	20	18.5	17.5	16.5	15.5	14	
F	WQ25-20-3B	3	4	H (m)	27	25	23	21	19	17	
G	WQ15-30-3B	3	4	H (m)	34	32	30	27.5			
H	WQ15-32-4B	4	5.5	H (m)	35	33	31.5	30			
I	WQ25-26-4B	4	5.5	H (m)	31.5	30	28	27	25.5	23.5	
J	WQ30-22-4B	4	5.5	H (m)	31.5	29.8	28.5	27	25.5	23	21
K	WQ25-32-5.5B	5.5	7.5	H (m)	37.5	35.5	34.3	33.3	31.8	30	
L	WQ30-30-5.5B	5.5	7.5	H (m)	38	36	35.5	35	33.5	31.8	29

SUBMERSIBLE SEWAGE PUMPS “WQ-B”

WQ40-10-2.2B – WQ100-12-7.5B

NO.	MODEL	POWER kW	POWER HP	Q (m^3/h)	0	24	48	72	96	120	144
				Q (l/min)	0	400	800	1200	1600	2000	2400
M	WQ40-10-2.2B	2.2	3	H (m)	17.5	13.2	10				
N	WQ43-13-3B	3	4	H (m)	21	16	13.5				
O	WQ60-11-4B	4	5.5	H (m)	20.5	16	14.5	10.5			
P	WQ65-20-7.5B	7.5	10	H (m)	32	27	24	20			
Q	WQ100-12-7.5B	7.5	10	H (m)	21	18.8	17.5	16	13.2	10	

TECHNICAL DATA

NO.	MODEL	OUTLET (inch)	PARTICAL (Φ mm)	BEARING (RZ)	N.W. (kg)	L × W × H (mm)
A	WQ15-12-1.1B	2½"	20	6203 / 6204	33	260 × 220 × 550
B	WQ7-15-1.1B	2"	5	6203 / 6204	33	260 × 220 × 550
C	WQ15-15-1.5B	2"	20	6204 / 6205 × 2	37	255 × 205 × 560
D	WQ15-20-2.2B	2"	20	6204 / 6205 × 2	43	260 × 210 × 575
E	WQ27-15-2.2B	2½"	25	6204 / 6205 × 2	46	260 × 210 × 575
F	WQ25-20-3B	2½"	25	6205 / 6206 × 2	51	305 × 255 × 625
G	WQ15-30-3B	2"	20	6205 / 6206 × 2	48.5	305 × 255 × 625
H	WQ15-32-4B	2"	20	6206 / 6207 × 2	58.5	365 × 265 × 675
I	WQ25-26-4B	2½"	25	6206 / 6207 × 2	58.5	365 × 265 × 675
J	WQ30-22-4B	3"	25	6206 / 6207 × 2	66.5	365 × 265 × 675
K	WQ25-32-5.5B	2½"	25	6206 / 6207 × 2	68.5	365 × 265 × 705
L	WQ30-30-5.5B	3"	25	6206 / 6207 × 2	73	365 × 265 × 705
M	WQ40-10-2.2B	3"	25	6204 / 6205 × 2	43	260 × 210 × 575
N	WQ43-13-3B	3"	25	6205 / 6206 × 2	48.5	305 × 255 × 625
O	WQ60-11-4B	4"	30	6206 / 6207 × 2	62.5	365 × 265 × 675
P	WQ65-20-7.5B	4"	30	6307 / 6308 × 2	103	410 × 320 × 765
Q	WQ100-12-7.5B	6"	35	6307 / 6308 × 2	103	410 × 320 × 765

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