

Vertical Cutting Submersible Sewage Pump (WQ-QG 50Hz)

TECHNICAL DESCRIPTION

- Helical structure and impeller with sharp edge.
- Better non-clogging characteristics
- Compact structure, small volume, low noise, remarkable energy-saving effect, convenient maintenance.
- The cable is filled with epoxy glue, which can effectively prevent the water vapor from entering the motor or the water entering the motor along the crack.
- Equipped with a thermal protector.
- Mechanical seal with reasonable hard and corrosion-resistant materials greatly improves the service life of the pump.
- Oil-resistant rubber sealing ring is used for static sealing at each fixed stop "O" type.
- Lifting rings and screws in contact with water are in stainless steel 304.

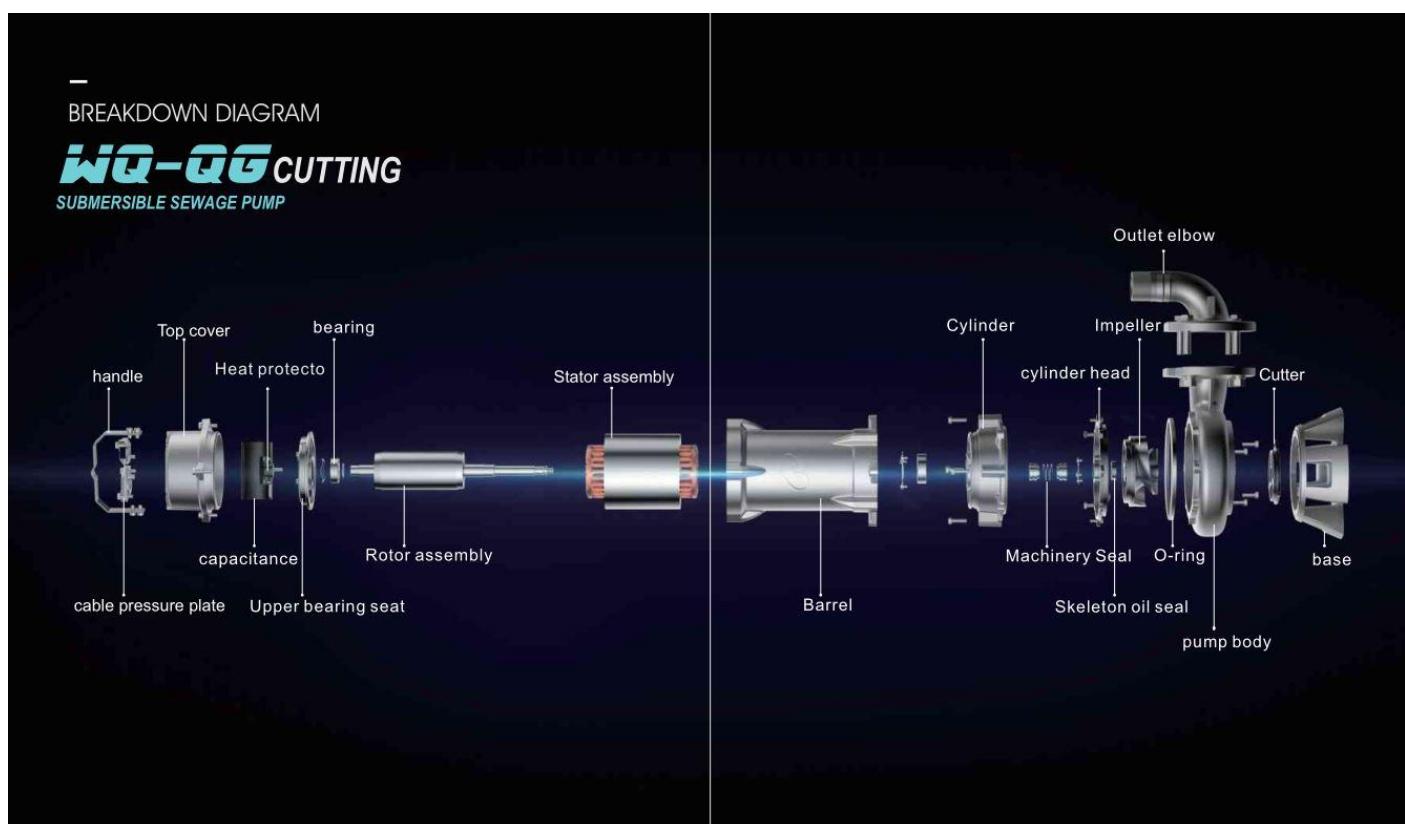


APPLICATIONS

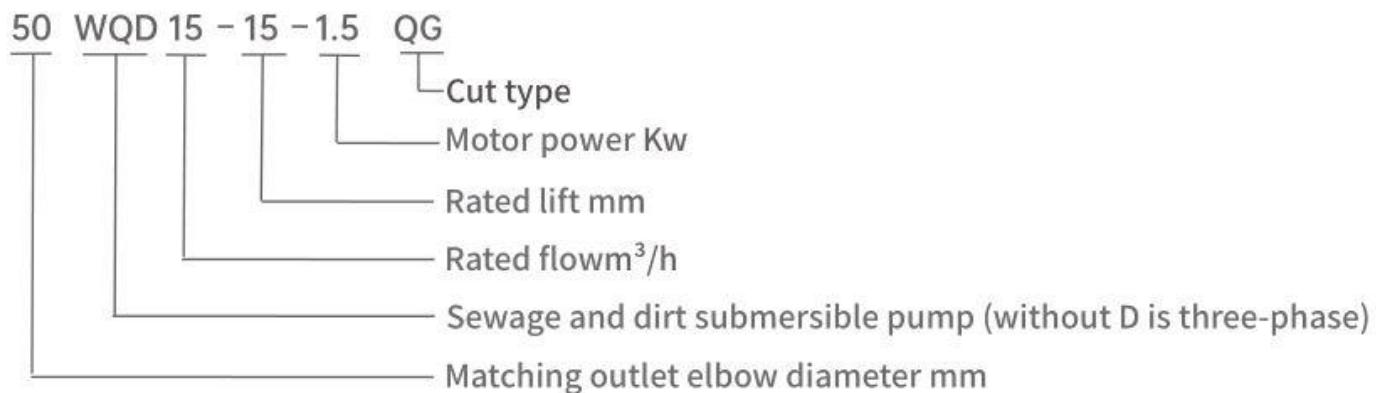
Wastewater discharge in factories, shopping malls, hospitals, hotels
Residential area, parking lot, municipal sewage, rainwater drainage ·
Sewage discharge from sewage treatment plants and livestock farms
Pumping of mud and grey water in construction sites and mines
Clear water tank pumping for agriculture and aquaculture
Wastewater discharge from biogas digesters
Water supply and drainage in other occasions

FEATURES AND USING LIMITS

- Water temperature: 0-40°C
- PH value: 6~10
- Medium density: $\leq 1.3\text{g/cm}$
- Power supply: single-phase $220\text{V}\pm 10\%$, 50Hz & Three-phase $380\text{V}\pm 10\%$, 50HZ
- Thermal protector: built-in
- Maximum flow: $45\text{m}^3/\text{h}$
- Maximum lift: 36 m
- Cable length: 8 meters
- Insulation class: F
- Protection class: IP68



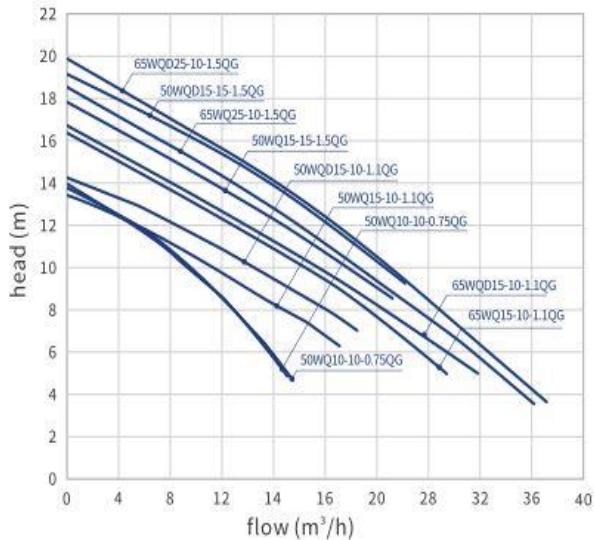
Model Description



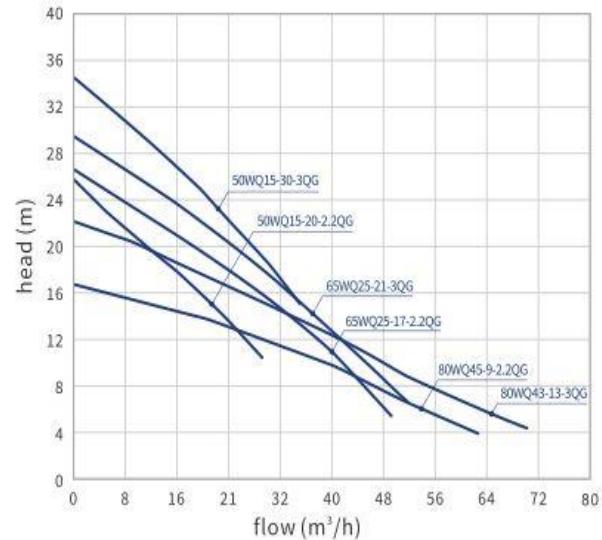
DATA PARAMETER

Model	Voltage	Current	Power	DN	Rated flow	Rated head	Max flow	Max head	Particle size	Net weigh	Gross weight	Dimension
	V	A	kW	inch	m ³ /h	m	m ³ /h	m	mm	kg	kg	mm
50WQD10-10-0.75QG	220	4.6	0.75	G1 ¹ / ₂	10	10	17	14	25	26	31	600*365*290
50WQD15-10-1.1QG	220	6.4	1.1	G1 ¹ / ₂	15	10	22.5	14.3	25	28	33	600*365*290
65WQD15-10-1.1QG	380	6.4	1.1	G2	15	10	32.2	16.6	25	30	36	600*365*270
50WQD15-15-1.5QG	220	9.4	1.5	G1 ¹ / ₂	15	15	26.2	19.2	25	30	35	600*365*290
65WQD25-10-1.5QG	220	9.4	1.5	G2	25	10	37.1	19.9	25	31	37	600*365*290
50WQ10-10-0.75QG	220	1.8	0.75	G1 ¹ / ₂	10	10	17	14	25	27	32	600*365*290
50WQ15-10-1.1QG	380	2.5	1.1	G1 ¹ / ₂	15	10	21.1	13.5	25	29	34	600*365*290
65WQ15-10-1.1QG	380	2.5	1.1	G2	15	10	32.2	16.6	25	30	36	600*365*270
50WQ15-15-1.5QG	380	3.3	1.5	G1 ¹ / ₂	15	15	25.2	17.8	25	32	37	600*365*290
65WQD25-10-1.5QG	220	3.3	1.5	G2	25	10	36.2	18.5	25	33	39	600*365*290
50WQ15-20-2.2QG	380	4.7	2.2	G1 ¹ / ₂	15	20	29.2	25.8	20	39	53	640*360*270
50WQ15-30-3QG	380	6.1	3	G1 ¹ / ₂	15	30	35	34.6	20	43	57	680*360*270
65WQ25-17-2.2QG	380	4.7	2.2	G2	25	17	46.6	24	25	39	53	640*360*270
65WQ25-21-3QG	380	6.1	3	G2	25	21	51.8	29.5	25	43	57	680*360*270
80WQ45-9-2.2QG	380	4.7	2.2	G2 ¹ / ₂	45	9	62.7	16.7	30	42	55	640*380*280
80WQ43-13-3QG	380	6.1	3	G2 ¹ / ₂	43	13	70.2	22.1	30	46	59	700*380*300
65WQ25-26-4QG	380	7.8	4	G2	25	26	58	33	25	65	80	760*360*350
65WQ30-30-5.5QG	380	10.7	5.5	G2	30	30	65	36	25	70	84	800*360*350
80WQ45-17-4QG	380	7.8	4	G2 ¹ / ₂	45	17	81	24	25	70	87	760*410*350
80WQ40-23-5.5QG	380	10.7	5.5	G2 ¹ / ₂	40	23	90	36	25	75	91	800*410*350
100WQ65-12-4QG	380	7.8	4	G3 ¹ / ₂	65	12	93	24	25	73	93	760*410*350
100WQ65-17-5.5QG	380	10.7	5.5	G3 ¹ / ₂	65	17	110	25	25	78	98	800*410*350
65WQ30-36-7.5QG	380	15.7	7.5	G2	30	36	76.5	44	25	131	145	850*410*380
80WQ45-28-7.5QG	380	15.7	7.5	G2 ¹ / ₂	45	28	108	35.5	30	134	148	860*420*380
100WQ65-23-7.5QG	380	15.7	7.5	G3 ¹ / ₂	65	23	110	34	35	137	150	860*420*380
150WQ100-12-7.5QG	380	15.7	7.5	/	100	12	160	20	40	149	163	880*450*390

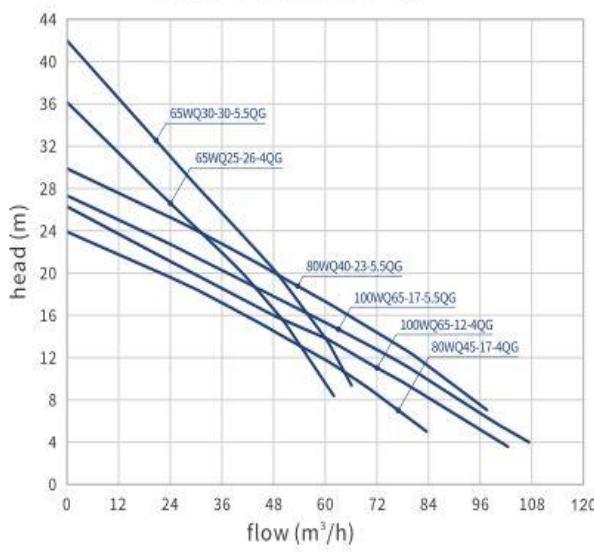
Head - Flow Curve-WQ



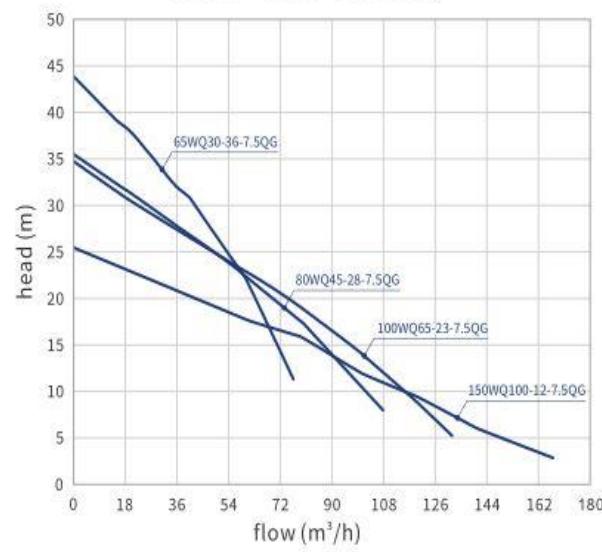
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SUZLER PUMP CO.LTD

- 54A, Church Road, Ashford
TW15 2TS, London, UK
TEL: +44 7577 050 508

- P.O.X 29415
City Avenue Building -Deira
Dubai-UAE
Tel : +971 55 463 7885