



BWQ Explosion-proof Submersible Sewage Pump



Application

BWQ is used for wastewater discharge in IIB grade factories, temperature groups T1-T4, where flammable gases or vapors form explosive mixtures with air. It is suitable for coal chemical, petrochemical, municipal engineering, urban industry, hospitals, hotels, residential communities and other places.

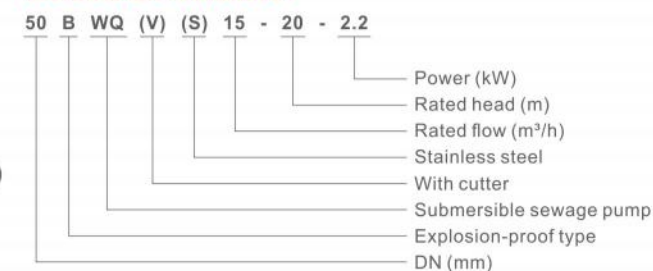
Product Overview

The BWQ explosion-proof submersible sewage pump is a new type of explosion-proof product developed by our company. Its explosion-proof performance is in accordance with the requirements of GB3836.1-2010 "Explosive Atmospheres Part 1: Equipment Passing Requirements" and GB3836.2-2010 "Explosive Atmospheres Part 2: Equipment Protected by Insulated Enclosures 'd'". It is made into an explosion-proof type with the explosion-proof symbol ExdIIBT4. The entire series of products have obtained explosion-proof certificates, with complete models and convenient selection.

Operating Condition

1. Occasions with explosion-proof requirements that comply with product explosion-proof labels
2. Power and voltage: 380V, 660V, three-phase, 50Hz
3. Liquid temperature: 0-40°C
(there are other hot water pump types beyond this temperature)
4. Medium pH value: 5~9
5. Medium density: ≤ 1100Kg/m³
6. Maximum immersion depth: 20m

Model Definition



Performance Table

Model	Rate flow (m³/h)	Rate head (m)	Rate power (kW)	Rated voltage (V)	Outlet (mm)	Speed (r/min)
50BWQS10-10-0.75	10	10	0.75	380	50	2850
65BWQS15-6-0.75	15	6	0.75	380	65	2850
50BWQS7-15-1.1	7	15	1.1	380	50	2850
65BWQS20-6-1.1	20	6	1.1	380	65	2850
50BWQS15-15-1.5	15	15	1.5	380	50	2850
65BWQS25-7-1.5	25	7	1.5	380	65	2850
50BWQS15-20-2.2	15	20	2.2	380	50	2850
65BWQS25-15-2.2	25	15	2.2	380	65	2850
80BWQS40-9-2.2	40	9	2.2	380	80	2850
100BWQS50-7-2.2	50	7	2.2	380	100	2850
50BWQS15-25-3	15	25	3	380	50	2850
65BWQS25-20-3	25	20	3	380	65	2850
80BWQS40-15-3	40	15	3	380	80	2850
100BWQS50-10-3	50	10	3	380	100	2850
50BWQS15-32-4	15	32	4	380	50	2900
65BWQS25-25-4	25	25	4	380	65	2900
80BWQS40-18-4	40	18	4	380	80	2900
100BWQS50-15-4	50	15	4	380	100	2900
50BWQS15-40-5.5	15	40	5.5	380	50	2900
65BWQS30-25-5.5	30	25	5.5	380	65	2900
80BWQS50-18-5.5	50	18	5.5	380	80	2900
100BWQS80-10-5.5	80	10	5.5	380	100	2900
150BWQS100-8-5.5	100	8	5.5	380	150	2900
50BWQS20-40-7.5	20	40	7.5	380	50	2900
65BWQS30-32-7.5	30	32	7.5	380	65	2900
80BWQS45-22-7.5	45	22	7.5	380	80	2900
100BWQS80-18-7.5	80	18	7.5	380	100	2900
150BWQS100-10-7.5	100	10	7.5	380	150	2900
50BWQS20-55-11	20	55	11	380	50	2900
65BWQS40-45-11	40	45	11	380	65	2900
80BWQS70-30-11	70	30	11	380	80	2900
100BWQS100-20-11	100	20	11	380	100	2900
150BWQS150-15-11	150	15	11	380	150	2900
200BWQS220-8-11	220	8	11	380	200	2900
50BWQS20-60-15	20	60	15	380	50	2900
65BWQS40-50-15	40	50	15	380	65	2900
80BWQS70-35-15	70	35	15	380	80	2900
100BWQS100-25-15	100	25	15	380	100	2900
150BWQS150-20-15	150	20	15	380	150	2900
200BWQS220-10-15	220	10	15	380	200	2900
50BWQV10-10-0.75	10	10	0.75	380	50	2850
50BWQV10-13-1.1	10	13	1.1	380	50	2850
50BWQV15-13-1.5	15	13	1.5	380	50	2850
65BWQV25-7-1.5	25	7	1.5	380	65	2850
50BWQV15-18-2.2	15	18	2.2	380	50	2850
65BWQV25-13-2.2	25	13	2.2	380	65	2850
80BWQV35-9-2.2	35	9	2.2	380	80	2850
50BWQV15-25-3	15	25	3	380	50	2850
65BWQV25-18-3	25	18	3	380	65	2850
80BWQV35-13-3	35	13	3	380	80	2850
50BWQV15-32-4	15	32	4	380	50	2900
65BWQV40-15-4	40	15	4	380	65	2900
80BWQV50-12-4	50	12	4	380	80	2900
100BWQV70-9-4	70	9	4	380	100	2900

Performance Table

Model	Rate flow (m ³ /h)	Rate head (m)	Rate power (kW)	Rated voltage (V)	Outlet (mm)	Speed (r/min)
50BWQV18-35-5.5	18	35	5.5	380	50	2900
65BWQV30-25-5.5	30	25	5.5	380	65	2900
80BWQV50-16-5.5	50	16	5.5	380	80	2900
100BWQV70-12-5.5	70	12	5.5	380	100	2900
50BWQV20-40-7.5	20	40	7.5	380	50	2900
65BWQV30-32-7.5	30	32	7.5	380	65	2900
80BWQV45-22-7.5	45	22	7.5	380	80	2900
100BWQV70-17-7.5	70	17	7.5	380	100	2900
150BWQV140-10-7.5	140	10	7.5	380	150	2900
50BWQVS20-45-11	20	45	11	380	50	2900
65BWQVS40-40-11	40	40	11	380	65	2900
80BWQVS70-30-11	70	30	11	380	80	2900
100BWQVS100-20-11	100	20	11	380	100	2900
150BWQVS120-15-11	120	15	11	380	150	2900
50BWQVS20-50-15	20	50	15	380	50	2900
65BWQVS40-45-15	40	45	15	380	65	2900
80BWQVS70-35-15	70	35	15	380	80	2900
100BWQVS100-25-15	100	25	15	380	100	2900
150BWQVS120-20-15	120	20	15	380	150	2900

