



QY Oil Filled Submersible Electric Pump



Feature

- Electroplated anti rust shaft, stainless steel mesh bar
- Durable and reliable bearing, full head design for the entire series
- Stainless steel nameplate
- SS304 screw, oversized handle
- Overall sealing and mechanical sealing

Product Overview

The QY series oil filled submersible electric pump consists of a pump body, a seal, and an electric motor. The three-phase asynchronous motor is located at the lower part of the electric pump, and the pump body is located at the upper part of the electric pump. It has single-stage or multi-stage centrifugal and mixed flow impellers, radial guide vane structures, and axial flow impeller space guide vane structures. The integral mechanical seal or double end mechanical seal is used between the pump body and the motor as the dynamic seal. O-shaped oil resistant rubber sealing rings are used for static sealing at each fixed stop.

The electric pump shaft is treated with hard chromium plating, which can effectively improve the wear resistance and corrosion resistance of the shaft, and is also conducive to the maintenance and disassembly of the impeller.

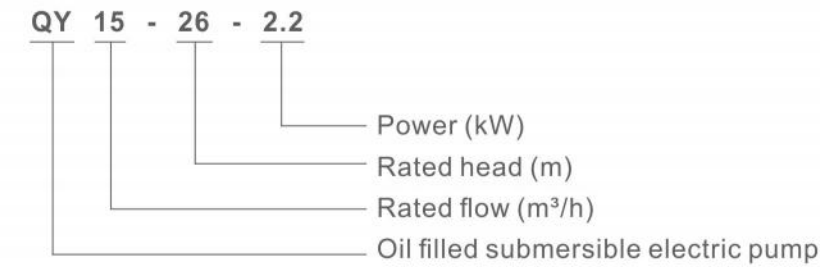
This series of electric pumps is widely used in engineering, farmland, mining, construction sites, municipal environmental protection and other places. It can pump liquids without solid particles such as fibers, paper scraps, and mud, such as well water, river ponds, and other clean water. It is an ideal pumping equipment for agricultural drainage, water tower supply, and mine drainage, but it is not suitable for use in explosion-proof requirements.

Operating Condition

The electric pump can operate continuously and normally under the following operating conditions:

1. The electric pump is suitable for clean water as the medium, and the medium temperature does not exceed 40°C
2. The pH value of the medium is between 6.5 and 8.5
3. The volume ratio of solid impurities in the medium shall not exceed 0.1%, and the particle size shall not exceed 0.2mm
4. The power frequency is 50Hz, the voltage is three-phase 380V, and the voltage fluctuation range is 0.9-1.1 times the rated value
5. Diving depth not exceeding 5m, not suitable for sewage, chemical drainage and irrigation

Model Definition



Performance Table

Model	Voltage(V)	DN(mm/inch)	G.W(kg)	Packing dimension(cm)
QY15-26-2.2	380	50/2	47	62×22×26
QY25-17-2.2	380	65/2.5	47	62×22×26
QY40-12-2.2	380	80/3	47	62×22×26
QY65-7-2.2	380	100/4	49	64×22×26
QY100-4.5-2.2	380	150/6	43	62×22×26
QY15-36-3	380	50/2	55	64×25×27
QY25-28-3	380	65/2.5	55	64×25×27
QY40-19-3	380	80/3	55	64×25×27
QY65-10-3	380	100/4	55	70×22×26
QY80-10-3.5	380	100/4	54	70×22×26
QY120-8-3A	380	125/5	53	70×22×26
QY160-7-3A	380	150/6	53	70×22×26
QY160-5-3	380	150/6	53	72×22×26
QY10-54/3-3	380	50/2	57	75×22×26
QY30-32-3.5	380	65/2.5	55	66×26×28
QY20-42/2-3	380	65/2.5	55	68×24×26
QY20-55/3-4	380	65/2.5	72	82×25×26
QY25-42/2-4	380	65/2.5	62	75×24×26
QY10-60/2-4	380	50/2	63	72×26×28
QY10-72/4-4	380	50/2	76	82×22×26
QY15-48/2-4	380	50/2	66	75×27×29
QY30-35-4	380	65/2.5	56	68×26×28
QY40-25-4	380	80/3	56	66×25×27
QY65-15-4	380	100/4	56	73×22×26
QY120-12-4A	380	125/5	57	75×22×26
QY160-10-4A	380	150/6	57	75×22×26
QY160-10-4B	380	150/6	57	75×22×26
QY200-6-4C	380	150/6	56	72×22×26
QY250-4.5-4C	380	200/8	56	72×22×26
QY15-50-4	380	50/2	60	68×28×29
QY80-15-4.5	380	100/4	70	75×22×26
QY10-90/5-5.5	380	50/2	90	92×22×26
QY25-55/3-5.5	380	65/2.5	85	84×25×27
QY20-75/4-5.5	380	65/2.5	90	110×23×26
QY10-85/3-5.5	380	50/2	112	102×26×28
QY25-45-5.5	380	65/2.5	96	68×28×28
QY40-28-5.5	380	80/3	89	66×25×27
QY65-21-5.5	380	100/4	89	70×27×29
QY160-12-5.5	380	150/6	89	80×25×27
QY200-7-5.5	380	150/6	95	80×25×28

Performance Table

Model	Voltage(V)	DN(mm/inch)	G.W(kg)	Packing dimension(cm)
QY250-5-5.5	380	200/8	90	80×25×28
QY260-5-5.5	380	200/8	90	80×25×28
QY250-7-7.5	380	200/8	92	85×25×28
QY260-7-7.5	380	200/8	94	85×25×28
QY200-9.5-7.5	380	150/6	94	85×25×28
QY25-60/2-7.5	380	65/2.5	102	80×25×28
QY40-40-7.5	380	80/3	93	70×28×28
QY65-25-7.5	380	100/4	93	75×27×29
QY100-20-7.5	380	100/4,125/5,150/6	94	82×25×28
QY10-110/4-9.2	380	50/2	135	110×26×29
QY160-15-11	380	150/6	113	82×32×34
QY200-15-11	380	150/6	102	88×28×30
QY250-12-11	380	200/8	102	85×26×28
QY450-6-11	380	250/10	102	95×33×33
QY40-58-11	380	80/3	112	88×28×30
QY65-42-11	380	100/4	115	88×28×30
QY100-25-11	380	100/4	110	80×30×32
QY25-90/3-11	380	65/2.5	123	95×28×30
QY15-135/5-11	380	50/2	142	118×26×29
QY10-165/6-13	380	50/2	165	127×26×29
QY40-84/3-15(175)	380	80/3	140	96×28×32
QY65-60/3-15(175)	380	100/4	140	120×26×29
QY100-36-15(175)	380	100/4	125	104×28×32
QY160-23-15(175)	380	150/6	125	92×36×36
QY400-9-15(175)	380	150/6	45	107×34×34
QY400-9-15	380	200/8,250/10	170	107×32×32
QY250-14-15	380	150/6	170	107×32×32
QY160-23-15	380	150/6	170	92×36×36
QY100-36-15	380	100/4	168	92×34×34
QY40-84/3-15	380	80/3	170	96×30×32
QY65-60-15	380	100/4	175	107×32×32
QY400-12-22	380	200/8,250/10	205	115×34×36
QY65-65-18.5	380	100/4	187	107×34×36
QY80-50-18.5	380	100/4	180	105×38×36
QY160-28-18.5	380	150/6	190	105×38×36
QY160-32-22	380	150/6	190	105×38×36
QY40-105/4-22	380	80/3	205	123×29×34
QY60-80/4-22	380	100/4	230	135×30×34
QY100-50/2-22	380	100/4	230	115×34×36
QY160-5-3#	380	150/6	30	68×22×24
QY80-10-3.5#	380	100/4	30	68×22×24
QY190-7-4#	380	150/6	35	76×22×24
QY80-15-4#	380	100/4	35	74×22×24
QY250-5-5.5#	380	200/8	70	80×25×26
QY250-7-7.5#	380	200/8	73	80×25×26
QY450-6-11#	380	200/8	82	100×33×35
QY80-10-3.5▲	380	100/4	50	68×22×24
QY160-5-3▲	380	150/6	38	68×22×24
QY190-7-4▲	380	150/6	50	74×22×24
QY120-8-3A	380	150/6	53	68×22×24
QY120-12-4A	380	150/6	57	74×22×24
QY200-7-5.5	380	150/6	90	82×25×26
QY260-5-5.5	380	200/8	90	82×25×26
QY260-7-7.5	380	200/8	94	84×25×26

Performance Table

Model	Voltage(V)	DN(mm/inch)	G.W(kg)	Packing dimension(cm)
QY200-9.5-7.5	380	150/6	94	84×25×26
QY200-12-11	380	150/6	100	86×25×27
QY260-9-11	380	200/8	100	86×25×27

Note: The cable line 8 meters marked with # is stainless steel barrel, stainless steel coupling, plastic pump head, cast iron impeller.
 Marked with ▲ for plastic pump head, stainless steel shaft, stainless steel impeller (304 material), cast iron barrel
 Marked * for cast iron pump head, stainless steel coupling, stainless steel inlet plate, stainless steel impeller (304 material)