

This directory all series of products, there may be errors between data and actual, please refer to our actual product.
Are subject to change without prior notice.

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OUMAN
MECHANICAL & ELECTRICAL
CO., LTD.

EXCELLENT QUALITY, TRUSTWORTHY.



<https://www.oumanpump.net/>



ENTERPRISE PROFILE



OUMAN Mechanical & Electrical Co.,Ltd., as an enterprise deeply rooted in the pump industry and committed to technological innovation and excellence in quality, has firmly established in its corporate culture a profound respect for the industry, relentless pursuit of technology, strict control over quality, and active commitment to social responsibility.

The company produces a wide range of water pumps with 20 major series and over 3,000 specifications, making it a professional enterprise integrating development, production, sales, and service. Its products are widely used in industries such as industrial, agricultural, municipal, construction, water conservancy, electricity, petrochemical, fire protection, and gardening. With technological innovation, the company customizes personalized pump and system solutions for global users, helping governments and corporate clients achieve green transformation and promoting high-quality economic growth and sustainable social development.

High-rise water supply boost
Industrial cycle systems
Municipal engineering
Environmentally friendly water treatment
Boiler water
Food industry



The company strictly follows the international quality system standards in the production process; the production department must conduct pre-production inspection when picking up materials, inspect every process in the production process, and conduct a comprehensive performance test of the product after the process is completed.

Company Honor



PRODUCT SUMMARY



WQ/WQD series
submersible sewage pump

01-03



WQV series
submersible sewage pump

04



WQK series
cutting sewage submersible pump

05-06



QDX, QX series
mini-type diving electric pump

07-08



WQD/WQ Series
stainless steel Submersible sewage pump

09-11



WQX Series
stainless steel high lift engineering submersible pump

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SMYCQ Series
Permanent Magnet Portable Flood Pump

13-14



QY series
Oil-immersed submersible pump

15-18



QXN series
Engineering of inside diving pump

19-20



ISG.IRG.ISW.ISGB.IHG.YG
pipe centrifugal pump

21-26



IQ Series
centrifugal pump

27



JET Series
Small household Automatic electrical pump

28



CHM Series
Light stainless steel Horizontal multistagecentrifugal pump

29



CHLF Series
Light stainless steel Horizontal multistagecentrifugal pump

30



CDLF Series
Light stainless steel Vertical multistagecentrifugal pump

31-34



SMWK Series
Pipe cutting pump

35-36



SMYK series
cutting sewage pump

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ZJQ series
Submersible mortar pump

38-40



GARDEN PUMP
DC brush submersible pump

41-42



YE3/YE4
aluminum shell three phase asynchronous motor

43-46

WQ/WQD series submersible sewage pump



Applications

The WQD/WQ Series pumps are widely applied in industry, agriculture, mining, construction, municipal, environmental protection, etc. They are suitable for draining water containing particles such as short fibers, paper scraps, etc., and soft solid, such as muddy water, dirty water, domestic wastewater, sewage, manure, etc. They are ideal equipment for agricultural irrigation and drainage, pool silt cleaning and construction sites, but not apply to the location with explosion-proof requirements.

Features

1. Wear-resistant whole cast iron parts design.
2. Double channel impeller, good flow capacity, excellent hydraulic performance.
3. The heat treated steel shaft. Carbide double sides mechanical seals.

Motor and pump

Insulation class: B
Protection class: Ip68
Pump body: Cast iron
Motor bracket: Cast iron
Impeller: Cast iron
Motor shaft: The heat treated steel shaft
Mechanical seal: Ceramic-Graphite Silicon Carbide-Carbide alloy



Operating conditions

Liquid PH: 4~10
Maximum liquid temperature: +40°C
Maximum ambient temperature: +40°C
Maximum immersion depth: 5m
Liquid kinematics viscosity: $7 \times 10^{-2} \sim 23 \times 10^{-6} \text{ m}^2/\text{s}$
Maximum liquid density: $1.2 \times 10^3 \text{ kg/m}^3$
The grain diameter of suspended solids up to 25mm

Optional available one request

Special mechanical seals, shaft
Single phase can add float switch
Other voltages or frequency: 60Hz



TECHNICAL DATA

(2 poles Speed 2900r/min)

NO.	Model	Flow (m ³ /h)	Head (m)	Power (kW)	Outlet (mm)	Voltage (V)	NO.	Model	Flow (m ³ /h)	Head (m)	Power (kW)	Outlet (mm)	Voltage (V)
1	50WQD7-8-0.40	7	8	0.4	50	220	43	150WQ100-12-7.5	100	12	7.5	150	380
2	50WQ7-8-0.40	7	8	0.4	50	380	44	50WQ20-55-11A	20	55	11	50	380
3	50WQD10-10-0.75P	10	10	0.75	50	220	45	65WQ30-40-11A	30	40	11	65	380
4	50WQD10-10-0.75T	10	10	0.75	50	220	46	80WQ60-30-11A	60	30	11	80	380
5	50WQD10-10-0.75P	10	10	0.75	50	220	47	100WQ80-25-11A	80	25	11	100	380
6	50WQ10-10-0.75T	10	10	0.75	50	380	48	150WQ100-20-11A	100	20	11	150	380
7	50WQ10-10-0.75P	10	10	0.75	50	380	49	150WQ120-15-11A	120	15	11	150	380
8	50WQD10-12-0.75	10	12	0.75	50	220	50	200WQ180-11-11A	180	11	11	200	380
9	50WQ10-12-0.75	10	12	0.75	50	380	51	50WQ20-70-15A	20	70	15	50	380
10	50WQD7-15-1.1	7	15	1.1	50	220	52	65WQ30-60-15A	30	60	15	65	380
11	50WQ7-15-1.1	7	15	1.1	50	380	53	80WQ60-40-15A	60	40	15	80	380
12	65WQ15-7-1.1	15	7	1.1	65	380	54	100WQ80-35-15A	80	35	15	100	380
13	65WQD15-7-1.1	15	7	1.1	65	220	55	150WQ100-30-15A	100	30	15	150	380
14	50WQD15-18-1.5	15	18	1.5	50	220	56	150WQ120-25-15A	120	25	15	150	380
15	50WQ15-18-1.5	15	18	1.5	50	380	57	200WQ180-15-15A	180	15	15	200	380
16	65WQ25-12-1.5	25	12	1.5	65	380	58	50WQ20-80-18.5A	20	80	18.5	50	380
17	50WQX10-34-2.2	10	34	2.2	50	380	59	65WQ30-68-18.5A	30	68	18.5	65	380
18	50WQ15-20-2.2	15	20	2.2	50	380	60	80WQ60-45-18.5A	60	45	18.5	80	380
19	65WQ20-18-2.2	20	18	2.2	65	380	61	100WQ80-40-18.5A	80	40	18.5	100	380
20	80WQ45-9-2.2	45	9	2.2	80	380	62	150WQ100-36-18.5A	100	36	18.5	150	380
21	50WQX10-44-3	10	44	3	50	380	63	200WQ180-18-18.5A	180	18	18.5	200	380
22	50WQ15-30-3	15	30	3	50	380	64	50WQ20-90-22A	20	90	22	50	380
23	65WQ25-24-3	25	24	3	65	380	65	65WQ30-75-22A	30	75	22	65	380
24	80WQ40-15-3	40	15	3	80	380	66	80WQ60-50-22A	60	50	22	80	380
25	100WQ60-9-3	60	9	3	100	380	67	100WQ80-45-22A	80	45	22	100	380
26	50WQX15-45-4	15	45	4	50	380	68	150WQ100-40-22A	100	40	22	150	380
27	50WQ15-40-4	15	40	4	50	380	69	200WQ200-20-22A	200	20	22	200	380
28	65WQ25-30-4	25	30	4	65	380	70	80WQ60-55-30A	60	55	30	80	380
29	80WQ30-26-4	30	26	4	80	380	71	100WQ80-50-30A	80	50	30	100	380
30	100WQ50-10-4	50	10	4	100	380	72	150WQ100-45-30A	100	45	30	150	380
31	50WQX15-55-5.5	15	55	5.5	50	380	73	200WQ200-30-30A	200	30	30	200	380
32	50WQ15-50-5.5	15	50	5.5	50	380	74	80WQ60-65-37A	60	65	37	80	380
33	65WQ25-40-5.5	25	40	5.5	65	380	75	100WQ80-60-37A	80	60	37	100	380
34	80WQ30-30-5.5	30	30	5.5	80	380	76	150WQ120-50-37A	120	50	37	150	380
35	80WQ45-20-5.5	45	20	5.5	80	380	77	200WQ200-35-37A	200	35	37	200	380
36	100WQ65-18-5.5	65	18	5.5	100	380	78	80WQ60-75-45A	60	75	45	80	380
37	100WQ70-10-5.5	70	10	5.5	100	380	79	100WQ80-70-45A	80	70	45	100	380
38	150WQ100-9-5.5	100	9	5.5	150	380	80	150WQ120-55-45A	120	55	45	150	380
39	50WQ15-60-7.5	15	60	7.5	50	380	81	200WQ200-40-45A	200	40	45	200	380
40	65WQ25-50-7.5	25	50	7.5	65	380							
41	80WQ45-32-7.5	45	32	7.5	80	380							
42	100WQ65-26-7.5	65	26	7.5	100	380							

TECHNICAL DATA

(4 poles Speed 1450r/min)

NO.	Model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)	Voltage (V)
1	80WQ80-13-5.5	80	13	5.5	80	380
2	100WQ110-10-5.5	110	10	5.5	100	
3	150WQ150-7-5.5	150	7	5.5	150	
4	80WQ80-20-7.5	80	20	7.5	80	
5	100WQ100-15-7.5	100	15	7.5	100	
6	150WQ145-9-7.5	145	9	7.5	150	
7	200WQ250-6-7.5	250	6	7.5	200	
8	100WQ100-25-11	100	25	11	100	
9	150WQ180-11-11	180	11	11	150	
10	200WQ300-7-11	300	7	11	200	
11	250WQ400-5-11	400	5	11	250	
12	100WQ100-30-15	100	30	15	100	
13	150WQ200-15-15	200	15	15	150	
14	200WQ250-11-15	250	11	15	200	
15	250WQ500-5-15	500	5	15	250	
16	100WQ100-35-18.5	100	35	18.5	100	
17	150WQ180-20-18.5	180	20	18.5	150	
18	200WQ250-15-18.5	250	15	18.5	200	
19	250WQ500-7-18.5	500	7	18.5	250	
20	300WQ650-5-18.5	650	5	18.5	300	
21	100WQ100-40-22	100	40	22	100	
22	150WQ200-22-22	200	22	22	150	
23	200WQ300-16-22	300	16	22	200	
24	250WQ500-9-22	500	9	22	250	
25	300WQ650-7-22	650	7	22	300	
26	100WQ120-45-30	120	45	30	100	
27	150WQ180-30-30	180	30	30	150	
28	200WQ250-22-30	250	22	30	200	
29	250WQ500-12-30	500	12	30	250	
30	250WQ600-9-30	600	9	30	250	
31	300WQ800-7-30	800	7	30	300	
32	100WQ120-50-37	120	50	37	100	
33	150WQ200-35-37	200	35	37	150	
34	200WQ300-28-37	300	28	37	200	
35	200WQ350-25-37	350	25	37	200	
36	250WQ600-12-37	600	12	37	250	
37	300WQ800-9-37	800	9	37	300	
38	350WQ1000-6-37	1000	6	37	350	
39	100WQ100-57-45	100	57	45	100	
40	150WQ200-40-45	200	40	45	150	
41	200WQ300-32-45	300	32	45	200	
42	200WQ400-25-45	400	25	45	200	
43	250WQ600-15-45	600	15	45	250	
44	300WQ800-12-45	800	12	45	300	
45	350WQ1200-8-45	1200	8	45	350	
46	100WQ100-65-55	100	65	55	100	
47	150WQ180-50-55	180	50	55	150	
48	200WQ300-40-55	300	40	55	200	
49	200WQ400-30-55	400	30	55	200	
50	250WQ600-20-55	600	20	55	250	
51	300WQ800-15-55	800	15	55	300	
52	350WQ1000-10-55	1000	10	55	350	
53	400WQ1300-8-55	1300	8	55	400	
54	100WQ120-75-75	120	75	75	100	

NO.	Model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)	Voltage (V)
55	150WQ200-60-75	200	60	75	150	380
56	200WQ350-45-75	350	45	75	200	
57	250WQ600-25-75	600	25	75	250	
58	300WQ800-20-75	800	20	75	300	
59	350WQ1000-15-75	1000	15	75	350	
60	400WQ1300-13-75	1300	13	75	400	
61	100WQ120-85-90	120	85	90	100	
62	150WQ200-70-90	200	70	90	150	
63	200WQ300-60-90	300	60	90	200	
64	200WQ400-50-90	400	50	90	200	
65	250WQ600-30-90	600	30	90	250	
66	300WQ800-25-90	800	25	90	300	
67	350WQ1000-18-90	1000	18	90	350	
68	400WQ1300-16-90	1300	16	90	400	
69	100WQ100-100-110	100	100	110	100	
70	150WQ180-80-110	180	80	110	150	
71	200WQ300-65-110	300	65	110	200	
72	250WQ600-40-110	600	40	110	250	
73	300WQ1000-25-110	1000	25	110	300	
74	350WQ1300-20-110	1300	20	110	350	
75	400WQ1500-18-110	1500	18	110	400	
76	500WQ2000-12-110	2000	12	110	500	
77	100WQ120-100-132	120	100	132	100	
78	150WQ200-90-132	200	90	132	150	
79	200WQ400-75-132	400	75	132	200	
80	250WQ600-50-132	600	50	132	250	
81	300WQ800-36-132	800	36	132	300	
82	350WQ1100-28-132	1100	28	132	350	
83	400WQ1700-16-132	1700	16	132	400	
84	500WQ2500-10-132	2500	10	132	500	
85	150WQ220-100-160	220	100	160	150	
86	200WQ400-85-160	400	85	160	200	
87	250WQ600-60-160	600	60	160	250	
88	300WQ800-40-160	800	40	160	300	
89	350WQ1000-35-160	1000	35	160	350	
90	400WQ1600-22-160	1600	22	160	400	
91	500WQ2300-16-160	2300	16	160	500	
92	150WQ200-110-185	200	110	185	150	
93	200WQ400-90-185	400	90	185	200	
94	250WQ600-70-185	600	70	185	250	
95	300WQ900-40-185	900	40	185	300	
96	350WQ1100-38-185	1100	38	185	350	
97	400WQ1600-25-185	1600	25	185	400	
98	500WQ2200-18-185	2200	18	185	500	
99	250WQ700-75-200	700	75	200	250	
100	300WQ1000-45-200	1000	45	200	300	
101	350WQ1300-35-200	1300	35	200	350	
102	400WQ1600-25-200	1600	25	200	400	
103	500WQ2500-20-200	2500	20	200	500	
104	300WQ1100-45-250	1100	45	250	300	
105	350WQ1500-42-250	1500	42	250	350	
106	400WQ1700-28-250	1700	28	250	400	
107	300WQ1000-55-315	1000	55	315	300	
108	350WQ1500-45-315	1500	45	315	350	
109	400WQ2000-36-315	2000	36	315	400	

WQV series submersible sewage pump



Applications

The WQD-V Series pumps are widely applied in industry, agriculture, mining, construction, municipal, environmental protection, etc. They are suitable for draining water containing particles such as short fibers, paper scraps, etc, and soft solid, such as muddy water, dirty water, domestic wastewater, sewage, manure, etc. They are ideal equipment for agricultural irrigation and drainage, pool silt cleaning and construction sites, but not apply to the location with explosion-proof requirements.

Motor and pump

Built-in thermal protector for the single phase motor
Insulation:ClassB/F
Pump body cast iron on request
Pump housing stainless steel on request
Impeller cast iron on request
External float switch for automatic pump operation
Mechanical seal sets ceramic, graphite and rubber
Oil seal sets

Operating conditions

Liquid PH: 4 ~ 10
Maximum liquid temperature: +40°C
Maximum ambient temperature: +40°C
Maximum immersion depth: 5m
Liquid kinematics viscosity: $7 \times 10^{-7} \sim 23 \times 10^{-6} \text{m}^2/\text{s}$
Maximum liquid density: $1.2 \times 10^3 \text{kg}/\text{m}^3$
The grain diameter of suspended solids up to 25mm



TECHNICAL DATA (F means with float switch)

Model	Outlet (mm)	Power (kW)	Flow (m³/h)	Max Flow (m³/h)	Head (m)	Max Head (m)	voltage (V)
WQV5-5-0.18(F)	40 32 25	0.18	5	8	5	7	220
WQV5-5-0.25(F)	40 32 25	0.25	5	9	5	7.5	220
WQV5-7-0.45(F)	50	0.45	5	12	7	8.5	220
WQV10-10-0.75(F)	50	0.75	10	18	10	12	220/380
WQV16-5-1.1(F)	50	1.10	16	20	5	9	220/380
WQV12-8-1.3(F)	50	1.30	12	8	8	12	220/380
WQV6-22-1.5(F)	40	1.50	6	16	22	24	220/380
WQV30-11-2.2(F)	80	2.20	30	42	11	17	220/380
WQV10-5-0.55(F)	50	0.55	10	15	5	9	220/380
WQV6-28-1.1(F)	50	1.10	6	14.5	28	30	220/380
WQV6-32-1.5(F)	40	1.50	6	13	32	34	220/380

WQK series cutting sewage submersible pump



Applications

The GNWQ(D) Series grinder pumps are widely applied in industry, agriculture, mining, construction, municipal, environmental protection, etc. They are suitable for draining water containing particles such as shot fibers, paper scraps, etc. and soft solid, such as muddy water, dirty water, domestic wastewater, sewage, manure, etc. With a good capacity of anti-dogging and anti-winding, the grinder pumps are especially applicable for pumping household wastewater and mixed fluid with insoluble solids content such as fibers, bags, belts, straw, cloth, paper, sand, etc. They are ideal equipment for agricultural irrigation and drainage, pool silt cleaning and construction sites, but not apply to the location with explosion-proof requirements.

Features

1. Wear-resistant cutting impeller, the durable cast iron material for the pump body, motor bracket and the roof.
2. The heat treated steel shaft. Carbide double sides mechanical seals.

Motor and pump

2pole induction motor
Insulation class: B
Protection class: Ip68
Pump body: Cast iron
Motor bracket: Cast iron.
Impeller: Cast iron or alloy
Motor shaft: The heat treated steel shaft
Mechanical seal: Ceramic-Graphite, Silicon Carbide-Carbide alloy.
Copper winding
Three-phase:380V-415V/50Hz
Single-phase:220V-240V/50Hz
Single-phase with capacitor and thermal overload protection.

Operating conditions

Liquid PH: 4 ~ 10
Maximum liquid temperature: +40°C
Maximum ambient temperature: +40°C
Maximum immersion depth: 5m
Liquid kinematics viscosity: $7 \times 10^{-1} \sim 23 \times 10^{-1} \text{m}^2/\text{s}$
Maximum liquid density: $1.2 \times 10^3 \text{kg}/\text{m}^3$
The grain diameter of suspended solids up to 25mm

Optional available one request

Special mechanical seals, shaft
Single phase can add float switch
Other voltages or frequency: 60Hz



Cutter head



Alloy steel knife



100% Full
Copper wire



New Wafer
round Stator

TECHNICAL DATA

NO.	Model	Flow (m³/h)	Head (m)	Power (kW)	Speed (r/min)	Voltage (V)	Outlet (mm)
1	50WQK10-10-0.75	10	10	0.75	2900	380	50
2	50WQK7-15-1.1	7	15	1.1	2900	380	50
3	50WQK15-15-1.5	15	15	1.5	2900	380	50
4	65WQK25-10-1.5	25	10	1.5	2900	380	65
5	50WQK15-20-2.2	15	20	2.2	2900	380	50
6	65WQK25-15-2.2	25	15	2.2	2900	380	65
7	80WQK40-10-2.2	40	10	2.2	2900	380	80
8	50WQK20-25-3	20	25	3	2900	380	50
9	65WQK25-20-3	25	20	3	2900	380	65
10	80WQK40-15-3	40	15	3	2900	380	80
11	50WQK20-30-4	20	30	4	2900	380	50
12	65WQK25-25-4	25	25	4	2900	380	65
13	80WQK45-15-4	45	15	4	2900	380	80
14	100WQK50-10-4	50	10	4	2900	380	100
15	65WQK25-30-5.5	25	30	5.5	2900	380	65
16	80WQK50-15-5.5	50	15	5.5	2900	380	80
17	100WQK65-18-5.5	65	18	5.5	2900	380	100
18	65WQK70-20-7.5	70	20	7.5	2900	380	65
19	80WQK65-25-7.5	65	25	7.5	2900	380	80
20	100WQK100-15-7.5	100	15	7.5	2900	380	100
21	65WQK25-50-11	25	50	11	2900	380	65
22	80WQK40-40-11	40	40	11	2900	380	80
23	100WQK60-30-11	60	30	11	2900	380	100
24	150WQK100-20-11	100	20	11	2900	380	150
25	65WQK30-55-15	30	55	15	2900	380	65
26	80WQK45-52-15	45	52	15	2900	380	80
27	100WQK60-40-15	60	40	15	2900	380	100
28	150WQK100-30-15	100	30	15	2900	380	150
29	80WQK60-40-18.5	60	40	18.5	2900	380	80
30	100WQK80-35-18.5	80	35	18.5	2900	380	100
31	150WQK100-30-18.5	100	30	18.5	2900	380	150
32	200WQK200-15-18.5	200	15	18.5	2900	380	200
33	80WQK50-50-22	50	50	22	2900	380	80
34	100WQK80-40-22	80	40	22	2900	380	100
35	150WQK120-35-22	120	35	22	2900	380	150
36	200WQK250-18-22	250	18	22	2900	380	200
37	100WQK80-25-11	80	25	11	1450	380	100
38	150WQK150-15-11	150	15	11	1450	380	150
39	100WQK80-30-15	80	30	15	1450	380	100
40	150WQK200-15-15	200	15	15	1450	380	150
41	150WQK250-15-18.5	250	15	18.5	1450	380	150
42	200WQK350-12-18.5	350	12	18.5	1450	380	200
43	150WQK300-15-22	300	15	22	1450	380	150
44	200WQK400-10-22	400	10	22	1450	380	200
45	200WQK250-22-30	250	22	30	1450	380	200
46	200WQK350-25-37	350	25	37	1450	380	200
47	200WQK400-25-45	400	25	45	1450	380	200
48	200WQK300-40-55	300	40	55	1450	380	200
49	200WQK350-45-75	350	45	75	1450	380	200

QDX、QX mini-type diving electric pump



Applications

For water supply from wells or reservoirs.
With small size and light weight, the QDX/QX Series pump is especially suitable for the rural wells water pumping, the farmland irrigation and drainage, garden watering, water spraying and households water supply, as well as other applications such as industry, aquaculture, construction sites and many other commercial applications.

Features

1. New-designed motor structure, longer service life.
2. Portable and durable aluminum alloy structure.

Motor and pump

Insulation class: B
Protection class: Ip68
Pump body: Cast aluminum
Motor bracket: Cast iron.
Impeller: Aluminum alloy or plastic impeller
Motor shaft: The heat treated steel shaft
Mechanical seal: Ceramic-Graphite, Silicon Carbide-Carbide alloy.
Copper winding
2-pole induction motor.
Single-phase:220V-240V/50Hz
Three-phase:380V-415V/50Hz
Single-phase with capacitor and thermal overload protection.



Operating conditions

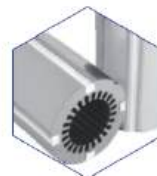
Liquid PH: 6.5-8.5
Maximum liquid temperature: +40°C
Maximum ambient temperature: +40°C
Maximum immersion depth: 5m
Maximum sand content: 0.1%.
The grain diameter of suspended solids up to 0.2mm

Optional available on request

Special mechanical seals, shaft , bottom cover, net
Single phase can add float switch
Other voltages or frequency: 60Hz



100% Full
Copper wire



New Wafer
round Stator



Stainless
Steel Screws

QDX、QX mini-type diving electric pump(aluminum shell)

NO.	Model	Flow (m³/h)	Head (m)	Power (kW)	Speed (r/min)	Voltage (V)	Outlet (mm)
1	QDX1.5-12-0.25	1.5	12	0.25	2900	220	25
2	QDX1.5-16-0.37	1.5	16	0.37	2900	220	25
3	QDX3-20-0.55	3	20	0.55	2900	220/380	25
4	QDX10-10-0.55	10	10	0.55	2900	220/380	40
5	QDX15-7-0.55	15	7	0.55	2900	220/380	50
6	QDX1.5-32-0.75	1.5	32	0.75	2900	220/380	25
7	QDX7-18-0.75	7	18	0.75	2900	220/380	40
8	QDX10-16-0.75	10	16	0.75	2900	220/380	50
9	QDX15-10-0.75	15	10	0.75	2900	220/380	63
10	QDX30-7-0.75	30	7	0.75	2900	220/380	75
11	QDX25-10-1.1	25	10	1.1	2900	220/380	63
12	QDX40-8-1.1	40	8	1.1	2900	220/380	75
13	QDX3-30-1.1	3	30	1.1	2900	220/380	25
14	QDX6-26-1.5	6	26	1.5	2900	220/380	40
15	QDX10-20-1.5	10	20	1.5	2900	220/380	50
16	QDX15-15-1.5	15	15	1.5	2900	220/380	50
17	QDX15-20-1.5	15	20	1.5	2900	220/380	50
18	QDX25-15-1.5	25	15	1.5	2900	220/380	63
19	QDX45-9-1.5	45	9	1.5	2900	220/380	75
20	QDX60-8-2.2	60	8	2.2	2900	220/380	102

QDX、QX mini-type diving electric pump(iron shell)

NO.	Model	Flow (m³/h)	Head (m)	Power (kW)	Speed (r/min)	Voltage (V)	Outlet (mm)
1	QDX1.5-16-0.37	1.5	16	0.37	2900	220/380	25
2	QDX1.5-25-0.55	1.5	25	0.55	2900	220/380	25
3	QDX3-20-0.55	3	20	0.55	2900	220/380	25
4	QDX10-10-0.55	10	10	0.55	2900	220/380	38
5	QDX15-7-0.55	15	7	0.55	2900	220/380	50
6	QDX1.5-32-0.75	1.5	32	0.75	2900	220/380	25
7	QDX7-18-0.75	7	18	0.75	2900	220/380	38
8	QDX10-16-0.75	10	16	0.75	2900	220/380	50
9	QDX15-10-0.75	15	10	0.75	2900	220/380	63
10	QDX30-7-0.75	30	7	0.75	2900	220/380	75
11	QDX6-18-0.75	6	18	0.75	2900	220/380	38
12	QDX25-6-0.75	25	6	0.75	2900	220/380	63
13	QDX35-4-0.75	35	4	0.75	2900	220/380	75
14	QDX40-8-1.1	40	8	1.1	2900	220/380	75
15	QDX3-30-1.1	3	30	1.1	2900	220/380	25
16	QDX15-20-1.5	15	20	1.5	2900	220/380	50
17	QDX60-8-2.2	60	8	2.2	2900	220/380	100

WQD/WQ Series

stainless steel Submersible sewage pump



Applications

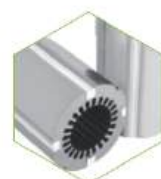
WQ and WQD full stainless steel sewage and dirt submersible electric pumps (hereinafter referred to as electric pumps) are composed of water pumps, seals, and electric motors. The electric motor is located at the top of the electric pump and is a single-phase or three-phase asynchronous electric motor. A double-ended mechanical seal is adopted between the water pump and the electric motor, and an "O" ring oil-resistant rubber seal is used for static sealing at each fixed sealing edge. This series of electric pumps has the advantages of compact structure, large flow rate, high efficiency, and ease of use. The mechanical seals of key parts are made of hard alloy and high-quality silicon carbide, which have good characteristics of corrosion resistance, leakage prevention, and durability.

Operating conditions

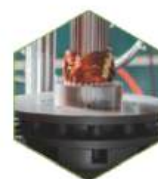
1. The plant specializes in the treatment of wastewater, including processes such as water lifting and operations within pumping stations.
2. The building incorporates a drainage system designed for the management of septic tank effluents.
3. The pig farming and domestic farms are equipped to handle the discharge of wastewater appropriately.
4. Wastewater discharge from institutions such as schools, hospitals, and government agencies is managed through designated systems.
5. The food, paper, mining, textile, and leather industries are all equipped to manage the discharge of their respective industrial wastewater streams.



100% Full Copper wire



New Wafer round Stator



Automatic wire inserting



Threaded Interface Series

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)	voltage (V)
1	25WQD3-7-0.25S	3	7	0.25	25	220
2	32WQD4-5-0.25S	4	5	0.25	32	
3	40WQD7-3-0.25S	7	3	0.25	40	
4	25WQD3-9-0.37S	3	9	0.37	25	
5	32WQD5-7-0.37S	5	7	0.37	32	
6	40WQD7-5-0.37S	7	5	0.37	40	
7	25WQD3-12-0.55S	3	12	0.55	25	
8	32WQD4-10-0.55S	4	10	0.55	32	
9	40WQD7-7-0.55S	7	7	0.55	40	
10	50WQD10-6-0.55S	10	6	0.55	50	
11	40WQD10-9-0.75S	10	9	0.75	40	220
12	50WQD12-8-0.75S	12	8	0.75	50	
13	65WQD15-6-0.75S	15	6	0.75	65	
14	40WQD8-15-1.1S	8	15	1.1	40	
15	50WQD12-12-1.1S	12	12	1.1	50	
16	65WQD20-6-1.1S	20	6	1.1	65	
17	40WQD6-18-1.5S	6	18	1.5	40	
18	50WQD15-12-1.5S	15	12	1.5	50	
19	65WQD25-7-1.5S	25	7	1.5	65	
20	50WQD15-20-2.2	15	20	2.2	50	
21	65WQD25-15-2.2	25	15	2.2	65	380
22	25WQ3-7-0.25S	3	7	0.25	25	
23	32WQ4-5-0.25S	4	5	0.25	32	
24	40WQ7-3-0.25S	7	3	0.25	40	
25	25WQ3-9-0.37S	3	9	0.37	25	
26	32WQ5-7-0.37S	5	7	0.37	32	
27	40WQ7-5-0.37S	7	5	0.37	40	
28	25WQ3-12-0.55S	3	12	0.55	25	
29	32WQ4-10-0.55S	4	10	0.55	32	
30	40WQ7-7-0.55S	7	7	0.55	40	
31	50WQ10-6-0.55S	10	6	0.55	50	380
32	40WQ10-9-0.75S	10	9	0.75	40	
33	50WQ12-8-0.75S	12	8	0.75	50	
34	65WQ15-6-0.75S	15	6	0.75	65	
35	40WQ8-15-1.1S	8	15	1.1	40	
36	50WQ12-12-1.1S	12	12	1.1	50	
37	65WQ20-6-1.1S	20	6	1.1	65	
38	40WQ6-18-1.5S	6	18	1.5	40	
39	50WQ15-12-1.5S	15	12	1.5	50	
40	65WQ25-7-1.5S	25	7	1.5	65	
41	50WQ15-20-2.2S	15	20	2.2	50	380
42	65WQ25-15-2.2S	25	15	2.2	65	
43	50WQ15-25-3S	15	25	3	50	
44	65WQ25-20-3S	25	20	3	65	
45	50WQ15-32-4S	15	32	4	50	
46	65WQ25-25-4S	25	25	4	65	

Flange interface series

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)	voltage (V)
1	50WQD10-10-0.75S	10	10	0.75	50	220
2	65WQD15-6-0.75S	15	6	0.75	65	
3	50WQD15-10-1.1S	15	10	1.1	50	
4	65WQD25-7-1.1S	25	7	1.1	65	
5	50WQD15-15-1.5S	15	15	1.5	50	
6	65WQD25-10-1.5S	25	10	1.5	65	
7	80WQD40-6-1.5S	40	6	1.5	80	
8	50WQD15-20-2.2S	15	20	2.2	50	
9	65WQD25-15-2.2S	25	15	2.2	65	
10	80WQD40-9-2.2S	40	9	2.2	80	
11	100WQD50-7-2.2S	50	7	2.2	100	380
12	50WQ10-10-0.75S	10	10	0.75	50	
13	65WQ15-6-0.75S	15	6	0.75	65	
14	50WQ15-10-1.1S	15	10	1.1	50	
15	65WQ25-7-1.1S	25	7	1.1	65	
16	50WQ15-15-1.5S	15	15	1.5	50	
17	65WQ25-10-1.5S	25	10	1.5	65	
18	80WQ40-6-1.5S	40	6	1.5	80	
19	50WQ15-20-2.2S	15	20	2.2	50	
20	65WQ25-15-2.2S	25	15	2.2	65	
21	80WQ40-9-2.2S	40	9	2.2	80	380
22	100WQ50-7-2.2S	50	7	2.2	100	
23	50WQ15-25-3S	15	25	3	50	
24	65WQ25-20-3S	25	20	3	65	
25	80WQ40-15-3S	40	15	3	80	
26	100WQ50-10-3S	50	10	3	100	
27	50WQ15-32-4S	15	32	4	50	
28	65WQ25-25-4S	25	25	4	65	
29	80WQ40-18-4S	40	18	4	80	
30	100WQ50-15-4S	50	15	4	100	
31	50WQ20-32-5.5S	20	32	5.5	50	380
32	65WQ30-25-5.5S	30	25	5.5	65	
33	80WQ50-18-5.5S	50	18	5.5	80	
34	100WQ80-10-5.5S	80	10	5.5	100	
35	150WQ100-7-5.5S	100	7	5.5	150	
36	50WQ20-40-7.5S	20	40	7.5	50	
37	65WQ30-32-7.5S	30	32	7.5	65	
38	80WQ45-22-7.5S	45	22	7.5	80	
39	100WQ80-15-7.5S	80	15	7.5	100	
40	150WQ100-10-7.5S	100	10	7.5	150	

WQ-S Series stainless steel Submersible sewage pump

NO.	Model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)	Speed (r/min)	Voltage (V)
41	65WQ30-50-11S	30	50	11	65	2900/ 2P	380
42	80WQ45-42-11S	45	42		80		
43	100WQ100-20-11S	100	20		100		
44	150WQ180-11-11S	180	11		150		
45	200WQ250-7-11S	250	7		200		
46	65WQ30-60-15S	30	60	15	65		
47	80WQ45-52-15S	45	52		80		
48	100WQ100-25-15S	100	25		100		
49	150WQ180-15-15S	180	15		150		
50	200WQ250-11-15S	250	11		200		
51	80WQ60-50-18.5S	60	50	18.5	80		
52	100WQ80-40-18.5S	80	40		100		
53	150WQ100-36-18.5	100	36		150		
54	200WQ180-18-18.5	180	18		200		
55	80WQ60-55-22S	60	55	22	80		
56	100WQ80-45-22S	80	45		100		
57	150WQ100-40-22S	100	40		150		
58	200WQ200-20-22S	200	20		200		

WQ-S Series stainless steel Submersible sewage pump

NO.	Product Pictures	Model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)	Speed (r/min)	Voltage (V)
1		100WQ100-20-11S	100	20	11	100	1450/ 4P	380
2		150WQ180-11-11S	180	11		150		
3		200WQ250-7-11S	250	7		200		
4		100WQ100-25-15S	100	25	15	100		
5		150WQ180-15-15S	180	15		150		
6		200WQ250-11-15S	250	11		200		
7		100WQ100-30-18.5S	100	30	18.5	100		
8		150WQ180-20-18.5S	180	20		150		
9		200WQ250-15-18.5S	250	15		200		
10		100WQ100-35-22S	100	35	22	100		
11		150WQ180-25-22S	180	25		150		
12		200WQ250-20-22S	250	20		200		
13		100WQ120-45-30S	120	45	30	100		
14		150WQ180-30-30S	180	30		150		
15		200WQ250-22-30S	250	22		200		
16		250WQ600-9-30S	600	9	37	250		
17		150WQ180-37-37S	180	37		150		
18		200WQ350-25-37S	350	25		200		
19		250WQ600-12-37S	600	12	45	250		
20		300WQ800-9-37S	800	9		300		
21		150WQ180-45-45S	180	45		150		
22		200WQ400-25-45S	400	25	45	200		
23		250WQ600-15-45S	600	15		250		
24		300WQ800-12-45S	800	12		300		

WQX Series

stainless steel high lift engineering submersible pump



Product introduction

WQX all-stainless steel high-lift engineering submersible pump is a new generation of pump products successfully developed by introducing foreign advanced technology and combining with the usage characteristics of domestic water pumps. It is suitable for pumping sewage and sludge in various harsh environments. The pump is a down-pump type, which can pump up the surface water of the working face; the motor is a submersible three-phase asynchronous motor, which can work in the water for a long time and can also work above the water surface, with small footprint, convenient installation and use, reliable and durable, and long life. It has small flow, high lift, small motor power, light weight and convenient movement.

Used:

1. The pumps are designed to convey water from sources such as mines, storage tanks, or reservoirs.
2. They are capable of extracting sewage with a low concentration of impurities from newly developed mines.
3. These pumps provide water supply services to high-rise structures.
4. They are suitable for industrial applications, civil engineering projects, and irrigation purposes.
5. The pumps have the capability to handle corrosive fluids.

Conditions:

The three-phase alternating current (AC) power supply boasts a nominal frequency of 50 Hertz (Hz) and a standard voltage of 380 Volts (V), allowing for operation in either vertical or inclined orientations. It is capable of handling liquid media that contain solid particles with diameters not exceeding 3 millimeters. The pH range of the conveyed medium spans from 3 to 11, accommodating a wide array of chemical compositions.



100% Full Copper wire



New Wafer round Stator



High precision bearings

TECHNICAL DATA

NO.	Model	Flow (m³/h)	Head (m)	Power (kW)	Voltage (V)	Outlet (mm)	Speed (r/min)
1	WQX10-24-1.5S	10	24	1.5	380	50	2900
2	WQX10-34-2.2S	10	34	2.2	380	50	2900
3	WQX10-44-3S	10	44	3	380	50	2900
4	WQX15-45-4S	15	45	4	380	50	2900

SMYCQ Series

Permanent Magnet Portable Flood Pump



Applications

Portable permanent magnet synchronous flood control pump, with a compact structure, small volume, light weight, high efficiency, and easy portability. The pump does not require the construction of infrastructure and can work directly underwater or suspended on the surface with the help of a floating ring, and can be transported by one person. The water pump is lightweight, easy to carry by a single person, has good corrosion resistance and airtightness, can withstand greater load forces, and is wear-resistant and durable.

This electric pump is mainly used in flood prevention and rescue, drought prevention irrigation and drainage, mine rescue, emergency drainage and rescue, temporary water accumulation in municipal engineering, emergency water diversion of rivers and reservoirs, fire emergency drainage, emergency pumping and drainage, and other fields.



TECHNICAL DATA

NO.	Model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)	Voltage (V)	Weight (kg)
1	50SMYCQ18-45-3	18	45	3	50	380	23
2	65SMYCQ30-28-3	30	28	3	65	380	23
3	80SMYCQ50-19-3	50	19	3	80	380	23
4	100SMYCQ80-10-3	80	10	3	100	380	22
5	150SMYCQ220-7-3	220	7	3	150	380	22
6	50SMYCQ18-55-4.5	18	55	4.5	50	380	26
7	65SMYCQ30-38-4.5	30	38	4.5	65	380	26
8	80SMYCQ50-25-4.5	50	25	4.5	80	380	26
9	100SMYCQ80-15-4.5	80	15	4.5	100	380	26
10	150SMYCQ220-10-4.5	220	10	4.5	150	380	26
11	100SMYCQ80-18-5.5	80	18	5.5	100	380	27
12	150SMYCQ220-12-5.5	220	12	5.5	150	380	27
13	65SMYCQ30-45-5.5	30	45	5.5	65	380	28
14	80SMYCQ50-32-5.5	50	32	5.5	80	380	28
15	100SMYCQ80-21-5.5	80	21	5.5	100	380	28
16	150SMYCQ210-15-5.5	210	15	5.5	150	380	28
17	200SMYCQ280-6-5.5	280	6	5.5	200	380	28.5
18	65SMYCQ30-55-7.5	30	55	7.5	65	380	31
19	80SMYCQ50-42-7.5	50	42	7.5	80	380	31
20	100SMYCQ80-28-7.5	80	28	7.5	100	380	31
21	150SMYCQ210-17-7.5	210	17	7.5	150	380	30
22	200SMYCQ280-7-7.5	280	7	7.5	200	380	30.5
23	150SMYCQ210-18-7.5	210	18	7.5	150	380	32
24	200SMYCQ280-12-7.5	280	12	7.5	200	380	32.5
25	200SMYCQ300-10-11	300	10	11	200	380	30-40
26	200SMYCQ400-8-15	400	8	15	200	380	30-40
27	200SMYCQ400-10-18.5	400	10	18.5	200	380	30-40
28	200SMYCQ500-8-18.5	500	8	18.5	200	380	30-40
29	200SMYCQ500-10-22	500	10	22	200	380	30-40
30	200SMYCQ600-8-22	600	8	22	200	380	30-40
31	200SMYCQ400-15-30	400	15	30	200	380	30-40
32	200SMYCQ500-12-30	500	12	30	200	380	30-40
33	200SMYCQ600-10-30	600	10	30	200	380	30-40
34	200SMYCQ500-15-37	500	15	37	200	380	30-40
35	300SMYCQ1000-10-45	1000	10	45	300	380	75-80
36	300SMYCQ1200-10-55	1200	10	55	300	380	75-80
37	300SMYCQ800-15-75	800	15	75	300	380	75-80
38	300SMYCQ1500-10-75	1500	10	75	300	380	75-80

QY series

Oil-immersed submersible pump



Product introduction

QY series oil-filled submersible motor pump (here under refer to as motor pump) consists of pump, mechanical seals and motor. Pump is at the upper part of motor pump, and the structure is centrifugal or axes flow. Motor located at the lower part of the motor pump. Which is the oil-filled three-phase electric motor. Mechanical seal is between pump and motor and it is a king of double end mechanical seals box. "O" rings are applied in all static joints of the submersible pump.

Using range

The motor pumps have a wide range of head and flow, which can be used in agriculture, architecture and industry, such as drainage, irrigation, elevating water from well, sending water to tower, and so on.



high-lift



large flow



high-quality



Safe and stable



TECHNICAL DATA

NO.	model	Flow (m ³ /h)	Head (m)	Power (kW)	Speed (r/min)	Voltage (V)	Diameter Of Necessary Pipe
1	QY100-5-2.2	100	5	2.2	3000	380	150
2	QY65-7-2.2	65	7	2.2	3000	380	100
3	QY40-12-2.2	40	12	2.2	3000	380	80
4	QY25-17-2.2	25	17	2.2	3000	380	65
5	QY15-26-2.2	15	26	2.2	3000	380	50
6	QY8.4-40-2.2	8.4	40	2.2	3000	380	40
7	QY160-5-3	160	5	3	3000	380	150
8	QY160-6-3	160	6	3	3000	380	150
9	QY100-7-3	100	7	3	3000	380	100
10	QY65-10-3	65	10	3	3000	380	100
11	QY40-16-3	40	16	3	3000	380	80
12	QY25-26-3	25	26	3	3000	380	65
13	QY15-36-3	15	36	3	3000	380	50
14	QY20-36-3	20	36	3	3000	380	65
15	QY8.4-50-3	8.4	50	3	3000	380	40
16	QY12.5-54/3-3	12.5	54	3	3000	380	50
17	QY260-6-4	260	6	4	3000	380	200
18	QY100-12-4	200	4.5	4	3000	380	150
19	QY65-14-4	65	14	4	3000	380	100
20	QY40-21-4	40	21	4	3000	380	80
21	QY25-32-4	25	32	4	3000	380	65
22	QY25-38/2-4	25	38	4	3000	380	65
23	QY12.5-50-4	12.5	50	4	3000	380	50
24	QY12.5-72/4-4	12.5	72	4	3000	380	50
25	QY10-60/2-4	10	60	4	3000	380	50
26	QY260-8-5.5	260	8	5.5	3000	380	200
27	QY200-10-5.5	200	10	5.5	3000	380	150
28	QY65-18-5.5	65	18	5.5	3000	380	100
29	QY40-28-5.5	40	28	5.5	3000	380	80
30	QY25-40-5.5	25	40	5.5	3000	380	65
31	QY18-64/3-5.5	18	64	5.5	3000	380	65
32	QY10-86-5.5	10	86	5.5	3000	380	50
33	QY260-10-7.5	260	10	7.5	3000	380	200
34	QY200-12-7.5	200	12	7.5	3000	380	150
35	QY65-28-7.5	65	28	7.5	3000	380	100
36	QY40-38-7.5	40	38	7.5	3000	380	80
37	QY25-50-7.5	25	50	7.5	3000	380	65
38	QY25-60/2-7.5	25	60	7.5	3000	380	65
39	QY18-84/4-7.5	18	84	7.5	3000	380	65
40	QY10-110/4-7.5	10	110	7.5	3000	380	50
41	QY18-126/6-11	18	126	11	3000	380	65
42	QY10-160-11	10	160	11	3000	380	50
43	QY25-99-11	25	99	11	3000	380	65
44	QY65-42/2-11	65	42	11	3000	380	100
45	QY160-15-11	160	15	11	3000	380	150
46	QY100-25-11	100	25	11	3000	380	100
47	QY40-58/2-11	40	58	11	3000	380	80
48	QY300-10-11	300	10	11	3000	380	150
49	QY400-7.5-11	400	7.5	11	3000	380	200
50	QY10-220/8-15	10	220	15	3000	380	50
51	QY40-87/3-15	40	87	15	3000	380	80
52	QY65-60/3-15	65	60	15	3000	380	100
53	QY100-36-15	100	36	15	3000	380	100
54	QY160-23-15	160	23	15	3000	380	150
55	QY400-9-15	400	9	15	3000	380	200
56	QY25-135/3-18.5	25	135	18.5	3000	380	65
57	QY40-100/3-18.5	40	100	18.5	3000	380	80
58	QY65-70/3-18.5	65	70	18.5	3000	380	100
59	QY80-50-18.5	80	50	18.5	3000	380	100
60	QY100-45/2-18.5	100	45	18.5	3000	380	100
61	QY160-28-18.5	160	28	18.5	3000	380	150
62	QY250-18-18.5	250	18	18.5	3000	380	150
63	QY400-11-18.5	400	11	18.5	3000	380	200

TECHNICAL DATA

NO.	model	Flow (m ³ /h)	Head (m)	Power (kW)	Speed (r/min)	Voltage (v)	Diameter Of Necessary Pipe
64	QY25-180/4-22	25	180	22	3000	380	65
65	QY40-120/3-22	40	120	22	3000	380	80
66	QY65-85/3-22	65	85	22	3000	380	100
67	QY100-52/2-22	100	52	22	3000	380	100
68	QY160-32-22	160	32	22	3000	380	150
69	QY200-26-22	200	26	22	3000	380	150
70	QY350-15-22	350	15	22	3000	380	200
71	QY500-12-22	500	12	22	3000	380	250
72	QY40-160/4-30	40	160	30	3000	380	80
73	QY65-105/4-30	65	105	30	3000	380	100
74	QY80-90/2-30	80	90	30	3000	380	100
75	QY100-72/2-30	100	72	30	3000	380	100
76	QY160-46/2-30	160	46	30	3000	380	150
77	QY250-28-30	250	28	30	3000	380	150
78	QY300-25-30	300	25	30	3000	380	200
79	QY400-18-30	400	18	30	3000	380	200
80	QY40-200/5-37	40	200	37	3000	380	65
81	QY65-130/2-37	65	130	37	3000	380	80
82	QY80-110/2-37	80	110	37	3000	380	100
83	QY100-90/3-37	100	90	37	3000	380	100
84	QY160-55/2-37	160	55	37	3000	380	150
85	QY200-45/2-37	200	45	37	3000	380	150
86	QY40-240/6-45	40	240	45	3000	380	65
87	QY65-158/6-45	65	158	45	3000	380	100
88	QY80-135/3-45	80	135	45	3000	380	100
89	QY100-108/3-45	100	108	45	3000	380	100
90	QY160-65/2-45	160	65	45	3000	380	150
91	QY200-52/2-45	200	52	45	3000	380	150
92	QY250-40-45	250	40	45	3000	380	200
93	QY400-28-45	400	28	45	3000	380	250
94	QY50-100/5-22	50	100	22	1450	380	80
95	QY125-43-22	125	43	22	1450	380	100
96	QY200-25-22	200	25	22	1450	380	150
97	QY300-20-22	300	20	22	1450	380	200
98	QY500-12-22	500	12	22	1450	380	250
99	QY800-7.5-22	800	7.5	22	1450	380	300
100	QY50-136/6-30	50	136	30	1450	380	80
101	QY125-60/2-30	125	60	30	1450	380	100
102	QY200-35/2-30	200	35	30	1450	380	150
103	QY300-25-30	300	25	30	1450	380	200
104	QY400-20-30	400	20	30	1450	380	200
105	QY500-16-30	500	16	30	1450	380	250
106	QY800-10-30	800	10	30	1450	380	300
107	QY125-72/2-37	125	72	37	1450	380	100
108	QY200-42/2-37	200	42	37	1450	380	150
109	QY300-32/2-37	300	32	37	1450	380	200
110	QY400-25-37	400	25	37	1450	380	200
111	QY500-20-37	500	20	37	1450	380	250
112	QY800-12-37	800	12	37	1450	380	300
113	QY125-90/3-45	125	90	45	1450	380	100
114	QY200-55/3-45	200	55	45	1450	380	150
115	QY300-40/2-45	300	40	45	1450	380	200
116	QY400-30-45	400	30	45	1450	380	200
117	QY500-25-45	500	25	45	1450	380	250
118	QY800-15-45	800	15	45	1450	380	300
119	QY100-135/3-55	100	135	55	1450	380	100
120	QY125-108/3-55	125	108	55	1450	380	100
121	QY200-66/3-55	200	66	55	1450	380	150

TECHNICAL DATA

NO.	model	Flow (m ³ /h)	Head (m)	Power (kW)	Speed (r/min)	Voltage (v)	Diameter Of Necessary Pipe
122	QY300-46/3-55	300	46	55	1450	380	200
123	QY400-36-55	400	36	55	1450	380	200
124	QY500-30-55	500	30	55	1450	380	250
125	QY600-24-55	600	24	55	1450	380	250
126	QY800-18-55	800	18	55	1450	380	300
127	QY100-180/4-75	100	180	75	1450	380	100
128	QY125-146/4-75	125	146	75	1450	380	150
129	QY160-100/4-75	160	100	75	1450	380	150
130	QY200-88/4-75	200	88	75	1450	380	150
131	QY160-65/2-45	160	65	45	2900	380	150
132	QY200-52/2-45	200	52	45	2900	380	150
133	QY250-40-45	250	40	45	2900	380	200
134	QY300-63/3-75	300	63	75	1450	380	200
135	QY400-50-75	400	50	75	1450	380	200
136	QY500-40-75	500	40	75	1450	380	250
137	QY600-32-75	600	32	75	1450	380	250
138	QY800-25-75	800	25	75	1450	380	300
139	QY100-220/6-90	100	220	90	1450	380	100
140	QY125-180/5-90	125	180	90	1450	380	100
141	QY160-120/5-90	160	120	90	1450	380	150
142	QY200-110/5-90	200	110	90	1450	380	150
143	QY300-80/4-90	300	80	90	1450	380	200
144	QY500-50/2-90	500	50	90	1450	380	250
145	QY600-40-90	600	40	90	1450	380	250
146	QY800-30-90	800	30	90	1450	380	300
147	QY900-25-90	900	25	90	1450	380	350
148	QY125-210/6-110	125	210	110	1450	380	100
149	QY160-140/4-110	160	140	110	1450	380	150
150	QY200-125/3-110	200	125	110	1450	380	150
151	QY300-100/5-110	300	100	110	1450	380	200
152	QY500-60/2-110	500	60	110	1450	380	250
153	QY600-50-110	600	50	110	1450	380	250
154	QY800-36-110	800	36	110	1450	380	300
155	QY160-170/5-132	160	170	132	1450	380	150
156	QY200-150/3-132	200	150	132	1450	380	150
157	QY300-120/6-132	300	120	132	1450	380	200
158	QY500-72/3-132	500	72	132	1450	380	250
159	QY600-60/2-132	600	60	132	1450	380	250
160	QY800-45-132	800	45	132	1450	380	300
161	QY900-35-132	900	35	132	1450	380	350
162	QY160-210/6-160	160	210	160	1450	380	150
163	QY200-180/3-160	200	180	160	1450	380	150
164	QY300-135/3-160	300	135	160	1450	380	200
165	QY500-88/3-160	500	88	160	1450	380	250
166	QY600-72/2-160	600	72	160	1450	380	250
167	QY800-54/2-160	800	54	160	1450	380	300
168	QY1200-12-55	1200	12	55	980	380	350
169	QY2000-7-55	2000	7	55	980	380	400
170	QY1200-16-75	1200	16	75	980	380	350
171	QY2000-10-75	2000	10	75	980	380	400
172	QY1200-20-90	1200	20	90	980	380	350
173	QY2000-12-90	2000	12	90	980	380	400
174	QY1200-24-110	1200	24	110	980	380	350
175	QY2000-13.5-110	2000	13.5	110	980	380	400
176	QY1200-28-132	1200	28	132	980	380	350
177	QY2000-17-132	2000	17	132	980	380	400
178	QY1200-32-160	1200	32	160	980	380	350
179	QY2000-21-160	2000	21	160	980	380	400

QXN series

Engineering of inside diving pump



Product introduction

QXN water-cooling built-in submerged pump consists of three components, water pump, sealing and electrical motor. The motor is of dry type, mounted on top of pump and divided into single phase and three-phase asynchronous versions. Double-face mechanic sealing is mounted between pump and motor. O shaped oil-proof rubber sealing ring is used at each stationary port as static sealing. This series features high delivery, new and unique structure. The water it delivers flows around the motor at high speed and effectively cool the motor, therefore, the reliability and life time of the motor are improved.

Application:

The pump is widely used for farm field irrigation, garden water spraying, under-well water pumping, living water supply and water supply & discharge systems of mines, industrial and civil buildings.

TECHNICAL DATA

NO.	model	Flow (m ³ /h)	Head (m)	Voltage (V)	Power (kW)	Outlet	
						(mm)	inch
1	QXN5-36/2-1.5D	5	36	220	1.5	25	1"
2	QXN5-52/3-2.2D	5	52	220	2.2	25	1"
3	QXN5-36/2-1.5	5	36	380	1.5	25	1"
4	QXN5-52/3-2.2	5	52	380	2.2	25	1"
5	QXN10-36/2-2.2	10	36	380	2.2	40	1.5"
6	QXN10-50/3-3	10	50	380	3	40	1.5"
7	QXN12.5-40/2-3A	12.5	40	380	3	50	2"
8	QXN12.5-60/3-4A	12.5	60	380	4	50	2"
9	QXN12.5-80/4-5.5A	12.5	80	380	5.5	50	2"
10	QXN12.5-100/5-7.5A	12.5	100	380	7.5	50	2"
11	QXN12.5-100/5-7.5	12.5	100	380	7.5	50	1"
12	QXN12.5-120/6-9.2	12.5	120	380	9.2	50	2"
13	QXN12.5-140/7-11	12.5	140	380	11	50	2"
14	QXN12.5-160/8-13	12.5	160	380	13	50	2"
15	QXN12.5-180/9-15	12.5	180	380	15	50	2"
16	QXN20-40/2-4	20	40	380	4	65	2.5"
17	QXN20-60/3-5.5	20	60	380	5.5	65	2.5"
18	QXN20-80/4-7.5	20	80	380	5.5	65	2.5"
19	QXN20-100/5-9.2	20	100	380	9.2	65	2.5"
20	QXN20-120/6-11	20	120	380	11	65	2.5"
21	QXN25-35/3-4	25	35	380	4	65	2.5"
22	QXN25-50/3-5.5	25	50	380	5.5	65	2.5"
23	QXN25-60/3-7.5	25	60	380	7.5	65	2.5"
24	QXN25-70/4-7.5	25	70	380	7.5	65	2.5"
25	QXN25-110/3-13	25	110	380	13	65	2.5"
26	QXN25-130/4-15	25	130	380	15	65	2.5"
27	QXN25-160/5-18.5	25	160	380	18.5	65	2.5"
28	QXN25-190/6-22	25	190	380	22	65	2.5"
29	QXN25-230/7-30	25	230	380	30	65	2.5"
30	QXN30-150/3-30	30	150	380	30	80	3"
31	QXN30-200/4-45	30	200	380	45	80	3"
32	QXN40-42/2-7.5	40	42	380	7.5	80	3"
33	QXN40-63/3-11	40	63	380	11	80	3"
34	QXN40-80/4-15	40	80	380	15	80	3"
35	QXN40-100/5-18.5	40	100	380	18.5	80	3"
36	QXN50-110/3-22	50	110	380	22	80	3"
37	QXN50-140/4-30	50	140	380	30	80	3"
38	QXN60-60/2-18.5	60	60	380	18.5	100	4"
39	QXN60-80/3-22	60	80	380	22	100	4"
40	QXN60-100/4-30	60	100	380	30	100	4"
41	QXN60-120/4-37	60	120	380	37	100	4"
42	QXN80/30-11	80	30	380	11	100	4"
43	QXN80-60/2-22	80	60	380	22	100	4"
44	QXN80-90/3-37	80	90	380	35	100	4"
45	QXN100-25-11	100	25	380	11	150	6"
46	QXN100-50/2-22	100	50	380	22	150	6"
47	QXN100-66-30	100	66	380	37	150	6"
48	QXN100-75/3-37	100	75	380	37	150	6"
49	QXN100-100/4-55	100	100	380	45	150	6"
50	QXN125-22-13	125	22	380	13	150	6"
51	QXN125-44/2-25	125	44	380	25	150	6"
52	QXN125-55/3-37	125	55	380	37	150	6"
53	QXN140-35/2-25	140	35	380	25	150	6"
54	QXN140-50/3-37	140	50	380	37	150	6"
55	QXN140-66/4-45	140	66	380	45	150	6"

ISG.IRG.ISW.ISGB.IHG.YG

pipe centrifugal pump

OUTLINES:

1. The horizontal and vertical IRG and ISW clean water pumps are designed for conveying clean water and other liquids with Chemical engineering properties similar to clean water. They are suitable for industrial and urban water supply and drainage, water boosting for high-rise buildings, garden sprinkler irrigation, fire fighting pressure boosting, long-distance transportation, HVAC (heating, ventilation, and air conditioning) refrigeration cycles.
2. The horizontal and vertical IRG and ISW hot water pumps are suitable for metallurgy, chemicals, textiles, and paper making industries.
3. The horizontal and vertical IRG and ISW chemical pumps are intended for conveying liquids that do not contain solid particles, are corrosive, and have a viscosity similar to water.
4. The ISGB vertical pipeline centrifugal pump is a structurally innovative and technologically advanced product successfully developed based on the ISG pump model.
5. The ISGB vertical pipeline centrifugal pump conveys clean water or other liquids with Chemical engineering properties similar to clean water. (If the conveyed medium contains fine particles, it should be specified during ordering to facilitate the installation of wear-resistant mechanical seals.)
6. The IHG vertical pipeline chemical series is designed for conveying liquids that do not contain solid particles, are corrosive, and have a viscosity similar to water. It is suitable for sectors such as petroleum, chemicals, metallurgy, power, paper making, food and pharmaceutical, and synthetic fibers, with an operating temperature range of -20°C to 120°C.



ISG.IRG.ISW.ISGB.IHG.YG pipe centrifugal pump

2-pole speed 2900r/min

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)
1	20-160	2.5	32	0.75	20
2	25-125	4	20		25
3	32-100(I)	6.3	12.5		32
4	32-125	5	20		32
5	40-125A	5.6	16		40
6	40-100(I)A	11	10		40
7	50-100A	11	10		50
8	25-160A	3.7	28	1.1	25
9	32-160A	4	25		32
10	40-125	6.3	20		40
11	40-160B	5.5	24		40
12	40-100(I)	12.5	12.5		40
13	40-125(I)A	11	16		40
14	50-100	12.5	12.5		50
15	50-125A	11	16		50
16	50-100(I)A	22.3	10		50
17	65-100A	22.3	10		65
18	25-160	4	32	1.5	25
19	32-160	5	32		32
20	40-160A	5.9	28		40
21	40-125(I)	12.5	20		40
22	40-160(I)B	10.4	22		40
23	50-125	12.5	20		50
24	50-160B	10.4	22		50
25	50-100(I)	25	12.5		50
26	65-100	25	12.5		65
27	32-160(I)	6.3	32	2.2	32
28	32-200A	4	44		32
29	40-160	6.3	32		40
30	40-200B	5.3	38		40
31	40-160(I)A	11.7	28		40
32	50-160A	11.7	28		50
33	50-125(I)A	22.3	16		50
34	65-125A	22.3	16		65

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)
35	65-100(I)A	44.7	10	2.2	65
36	80-100A	44.7	10		80
37	32-200	5	50	3	32
38	40-200A	5.9	44		40
39	40-160(I)	12.5	32		40
40	40-200(I)B	10.6	36		40
41	50-160	12.5	32		50
42	50-200B	10.6	36		50
43	50-125(I)	25	20		50
44	50-160(I)B	21.6	24		50
45	65-125	25	20	4	65
46	65-160B	21.6	24		65
47	65-100(I)	50	12.5		65
48	80-100	50	12.5		80
49	32-200(I)	6.3	50		32
50	40-200	6.3	50		40
51	40-250B	5.5	60		40
52	40-200(I)A	11.7	44	5.5	40
53	50-200A	11.7	44		50
54	50-160(I)	25	32		50
55	50-160(I)A	23.4	28		50
56	65-160	25	32		65
57	65-160A	23.4	28		65
58	65-125(I)A	45	16		65
59	80-125A	45	16	5.5	80
60	80-100(I)A	89	10		80
61	100-100A	89	10		100
62	40-250A	5.9	70		40
63	40-200(I)	12.5	50		40
64	40-250(I)C	10	52		40
65	50-200	12.5	50		50
66	50-250C	10	52	5.5	50
67	50-200(I)B	21.8	38		50
68	65-200B	21.6	38		65
69	65-125(I)	50	20		65
70	65-160(I)B	43.3	24		65
71	80-125	50	20		80
72	80-160B	43.3	24		80
73	80-100(I)	100	12.5	5.5	80
74	100-100	100	12.5		100

ISG.IRG.ISW.ISGB.IHG.YG pipe centrifugal pump

■ 2-pole speed 2900r/min

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)
75	40-250	6.3	80	7.5	40
76	40-250(I)A	11.6	70		40
77	40-250(I)B	10.8	60		40
78	50-250A	11.6	70		50
79	50-250B	10.8	60		50
80	50-200(I)	25	50		50
81	50-200(I)A	23.5	44		50
82	65-200	25	50		65
83	65-200A	23.4	44		65
84	65-160(I)	50	32		65
85	65-160(I)A	46.7	28		65
86	65-200(I)B	43.5	38	11	65
87	80-160	50	32		80
88	80-160A	46.7	28		80
89	80-200B	43.5	38		80
90	80-125(I)A	89	16		80
91	100-160B	86.6	24		100
92	100-125A	89	16		100
93	125-100A	143	10		125
94	150-125B	150	14		150
95	40-250I	12.5	80		40
96	50-250	12.5	80		50
97	50-250IA	23.4	70		50
98	50-250IB	21.6	60		50
99	65-250A	23.4	70		65
100	65-250B	21.6	60		65
101	65-200IA	47	44		65
102	80-200A	47	44		80
103	80-125I	100	20		80
104	80-160IA	93.5	28		80
105	80-160IB	86.6	24		80
106	100-125	100	20		100
107	100-160A	93.5	28		100
108	100-100I	160	12.5		100
109	100-125IA	143	16		100
110	125-100	160	12.5		125
111	125-125A	143	16		125
112	150-125A	156	16		150

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)
113	50-250I	25	80	15	50
114	65-250	25	80		65
115	65-200I	50	50		65
116	65-250IB	43.3	60		65
117	80-200	50	50		80
118	80-250B	43.3	60		80
119	80-160I	100	32		80
120	80-200IB	87	38		80
121	100-160	100	32		100
122	100-200B	87	38		100
123	100-125I	160	20	18.5	100
124	125-125	160	20		125
125	125-160B	138	24		125
126	150-125	160	20		150
127	150-160B	140	24		150
128	50-315IB	22.5	101		50
129	50-315IC	20.6	85		50
130	65-315B	22.5	101		65
131	65-315C	20.6	85		65
132	65-250IA	46.7	70		65
133	80-250A	46.7	70	22	80
134	80-200IA	93.5	44		80
135	100-200A	93.5	44		100
136	100-160IA	150	28		100
137	125-160A	150	28		125
138	150-160A	150	28		150
139	50-315IA	23.7	113		50
140	65-315A	23.7	113		65
141	65-250I	50	80		65
142	65-315IC	41	85		65
143	80-250	50	80		80
144	80-315C	41	85		80
145	80-200I	100	50		80
146	100-200	100	50		100
147	100-160I	160	32		100
148	100-200IB	138	38		100
149	125-160	160	32		125
150	125-200B	138	37.5		125
151	150-160	160	32		150
152	150-200B	138	37.5		150

ISG.IRG.ISW.ISGB.IHG.YG pipe centrifugal pump

■ 2-pole speed 2900r/min

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)
153	50-315I	25	125	30	50
154	65-315	25	125		65
155	65-315IA	46.5	110		65
156	65-315IB	44.5	100		65
157	80-315A	46.5	110		80
158	80-315B	44.5	100		80
159	80-250IA	93.5	70		80
160	80-250IB	87	60		80
161	100-250A	93.5	70		100
162	100-250B	87	60		100
163	100-200IA	150	44	37	100
164	125-200A	150	44		125
165	125-160I	200	32		125
166	150-200A	150	44		150
167	65-315I	50	125		65
168	80-315	50	125		80
169	80-350B	40	135		80
170	80-250I	100	80		80
171	80-315IC	82	85		80
172	100-250	100	80		100
173	100-315C	82	85	45	100
174	100-200I	160	50		100
175	100-250IB	138	60		100
176	125-200	160	50		125
177	125-200IA	187	44		125
178	125-250B	138	60		125
179	150-200	160	50		150
180	80-350A	44	142		80
181	80-315IB	90	101		80
182	100-315B	90	101	55	100
183	100-250IA	150	70		100
184	125-250A	150	70		125
185	125-200I	200	50		125
186	150-250IB	173	60		150
187	80-350	50	150		80
188	80-315IA	95	113		80
189	100-315A	95	113		100
190	100-350B	82	135		100
191	100-250I	160	80		100
192	125-250	160	80		125
193	125-315C	134	88		125
194	150-250A	187	70		150
195	150-250IA	187	70		150

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)
196	80-315I	100	125	75	80
197	100-315	100	125		100
198	100-350A	87	142		100
199	125-315A	150	110		125
200	125-315B	143	100		125
201	150-315B	173	95		150
202	150-350B	140	135		150
203	150-250I	200	80		150
204	150-315IB	173	95		150
205	125-350B	143	135	90	125
206	100-350	100	150		100
207	125-315	160	125		125
208	150-350A	150	142		150
209	150-315IA	187	110		150
210	125-350A	150	142		125
211	150-350	160	150	110	150
212	150-315I	200	125		150
213	125-350	160	150		125
214	200-270A	352	70		200
215	200-270	400	80		200
216	200-330A	352	112		200
217	200-330	400	125		200

■ 4-pole speed 1450r/min

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)
1	40-250A	2.8	16	0.75	40
2	50-200	6.3	12.5		50
3	65-200A	11.3	10.1		65
4	80-125	25	5		80
5	80-160A	21.6	6		80
6	100-100	50	3	1.1	100
7	40-250	3.2	20		40
8	50-250A	5.6	16		50
9	50-200I	12.5	12.5		50
10	65-200	12.5	12.5		65
11	80-160	25	8	1.5	80
12	80-125I	50	5		80
13	100-125	50	5		100
14	50-250	6.3	20		50
15	65-250A	11.7	17.6		65
16	80-200A	23.3	10.9	1.5	80
17	80-160IA	44.5	6.3		80
18	125-125A	71.5	4		125

ISG.IRG.ISW.ISGB.IHG.YG pipe centrifugal pump

4-pole speed 1450r/min

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)
19	65-250	12.5	20	2.2	65
20	80-200	25	12.5		80
21	80-250A	22.2	15.8		80
22	100-200A	44.6	10		100
23	125-125	80	5		125
24	125-160A	69.3	6	3	125
25	50-315IA	11.7	28		50
26	65-315A	11.7	28		65
27	80-250	25	20		80
28	80-200I	50	12.5		80
29	100-200	50	12.5	4	100
30	125-160	80	8		125
31	50-315I	12.5	32		50
32	65-315	12.5	32		65
33	80-315A	23	27.9		80
34	100-250A	46.7	17.4	5.5	100
35	65-315I	25	32		65
36	80-315	25	32		80
37	80-250I	50	20		80
38	100-250	50	20		100
39	125-200	80	12.5	7.5	125
40	125-250B	69	15		125
41	80-315IA	46.7	27.9		80
42	100-315A	46.7	27.9		100
43	125-250A	75	17.5		125
44	150-200A	176	10	11	150
45	100-315	50	32		100
46	100-350A	46.8	32.5		100
47	125-315A	75	27.5		125
48	150-200	200	12.5		150
49	150-250A	184.4	17	15	150
50	100-350	50	37.5		100
51	125-315	100	32		125
52	125-250I	160	20		125
53	150-250	160	20		150
54	150-315B	138	24	20	150
55	200-200	200	12.5		200
56	200-250A	184.4	17		200

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)
57	125-400B	87	37.5	18.5	125
58	125-315IA	150	28		125
59	150-315A	150	28		150
60	150-250I	200	20		150
61	200-250	200	20		200
62	200-315B	173	24	22	200
63	100-400IA	94	44		100
64	125-400A	94	44		125
65	150-315	160	32		150
66	150-315IA	187	28		150
67	200-315A	187	28	30	200
68	200-200I	400	12.5		200
69	200-250IA	358	16		200
70	100-400I	100	50		100
71	125-400	100	50		125
72	125-400IA	150	44	37	125
73	150-400A	150	44		150
74	150-315I	200	32		150
75	150-400IB	174	38		150
76	200-400B	174	38		200
77	200-315	200	32	45	200
78	200-250I	400	20		200
79	125-400I	160	50		125
80	150-400	160	50		150
81	150-400IA	187	44		150
82	200-400A	187	44	55	200
83	200-315IB	346	24		200
84	250-250A	500	17		250
85	150-400I	200	50		150
86	200-400	200	50		200
87	200-315IA	374	28	55	200
88	200-400IC	320	32		200
89	250-250	550	20		250
90	250-315B	450	24		250
91	125-500IA	149	70.5		125
92	200-500C	253	50	55	200
93	200-315I	400	32		200
94	200-400IB	346	38		200
95	250-315A	500	28		250
96	300-315B	580	24	55	300

ISG.IRG.ISW.ISGB.IHG.YG pipe centrifugal pump

4-pole speed 1450r/min

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)
97	125-500I	160	80	75	125
98	150-500IA	182	70		150
99	200-500B	277	60		200
100	200-400I	400	50		200
101	200-400IA	374	44		200
102	250-315	550	32	90	250
103	250-400B	476	37.5		250
104	300-315A	650	28		300
105	300-250	800	20		300
106	350-300	800	20		350
107	200-500A	300	70	110	200
108	200-500IB	346	60		200
109	250-400A	515	44		250
110	300-315	720	32		300
111	350-315	800	32		350
112	200-500	320	80	110	200
113	200-500IA	374	70		200
114	250-400	550	50	110	250
115	300-400A	666	44		300
116	350-315IB	994	25		350
117	350-400B	697	38		350
118	200-500I	400	80	132	200
119	250-500B	466	63.5		250
120	300-400	720	50		300
121	350-315IA	1092	28		350
122	350-400A	750	44	160	350
123	250-500A	506	71		250
124	300-500B	625	60		300
125	350-400	800	50		350
126	350-315I	1200	32	200	350
127	250-500	550	80		250
128	300-500A	675	70		300
129	350-400IB	990	38		350
130	300-500	720	80	250	300
131	350-400I	1200	50		350

Note: Stainless steel pipeline pump 4-pole motor can be customized

IQ Series

centrifugal pump



Applications

For water supply from wells or reservoirs
For domestic use, for civil and industrial applications
For garden use and irrigation

Operating conditions

Maximum fluid temperature up to +40°C
Maximum sand content: 0.25%
Maximum suction lift: 7m

Motor and Pump

High efficiency motor
Single-phase: 220 – 240V/50HZ
Curve tolerance according to ISO 9906
Impeller material: stainless steel or brass

Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

TECHNICAL DATA

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	speed (r/min)	Voltage (V)	Outlet (mm)	Suction (m)
1	IQ25-0.75	6	24	0.75	2900	380	25	8
2	IQ25-0.75D	6	24	0.75	2900	220	25	8
3	IQ40-0.75D	12	12	0.75	2900	220	40	8
4	IQK40-0.75D	12	12	0.75	2900	220	40	8
5	IQ50-0.75	18	15	0.75	2900	380	50	8
6	IQ50-0.75D	18	15	0.75	2900	220	50	8
7	IQ25-1.1D	8	32	1.1	2900	220	25	8
8	IQ40-1.1D	16	14	1.1	2900	220	40	8
9	IQK40-1.1D	16	14	1.1	2900	220	40	8
10	IQ50-1.1D	22	15	1.1	2900	220	50	8
11	IQ50-1.1	22	15	1.1	2900	380	50	8
12	IQ50-1.5D	25	22	1.5	2900	220	50	8
13	IQ50-1.5	25	22	1.5	2900	380	50	8
14	IQ75-1.5D	45	16	1.5	2900	220	75	8
15	IQ75-1.5	45	16	1.5	2900	380	75	8
16	IQ100-2.20	65	15	2.2	2900	220	100	8
17	IQ100-2.2	65	15	2.2	2900	380	100	8
18	IQ100-3D	75	16	3	2900	220	100	8
19	IQ100-3	75	16	3	2900	380	100	8



JET Series

Small household Automatic electrical pump



General Introduction to Products:

The micro electric pump series (JET jet pump, WZB self-priming pump) consists of three parts: motor, seal, and water pump. The motor is a single-phase asynchronous motor, and the pump part is a centrifugal impeller with a radial guide vane structure. A single-ended mechanical seal is used between the water pump and the motor, and an "O"-shaped oil-resistant rubber seal ring is used for static sealing at the fixed stop seal.

Main Application:

This range of electric pumps represents an exemplary new generation of high-efficiency, energy-saving residential pumps, extensively utilized in a variety of applications such as domestic water collection, subterranean water extraction, tap water pressurization, garden and greenhouse irrigation, as well as in industrial and mining enterprises, aquaculture, and other diverse settings.



JETB stainless steel self-priming jet pump

NO.	model	Voltage (V)	Flow (m³/h)	Head (m)	Power (kW)	Suction (m)	Outlet (mm)	Material quality
1	JETB-0.37H	220	1.5	16	0.37	8	25	304
2	JETB-0.55H		2	20	0.55			
3	JETB-0.75H		2	25	0.75			
4	JETB-1.1H		3	25	1.1			
5	JETB-0.37H	380	1.5	16	0.37			
6	JETB-0.55H		2	20	0.55			
7	JETB-0.75H		2	25	0.75			
8	JETB-1.1H		3	25	1.1			

SMZ type intelligent cold and hot water pump

NO.	model	Voltage (V)	Flow (m³/h)	Head (m)	Power (kW)	Suction (m)	Outlet (mm)	Material quality
1	SMZ60-128A	220	1.8	20	8	128	25	2900 2P
2	SMZ60-200A		1.8	25		200		
3	SMZ60-300A		2	30		300		
4	SMZ60-400A		2.5	35		400		
5	SMZ70-600A		3	45		600		
6	SMZ70-800A		3.5	50		800		
7	SMZ90-1100A		6	50		1100	40	
8	SMZ90-1500A		6.5	60		1500		



CHM Series

Light stainless steel Horizontal multistagecentrifugal pump

Product introduction

CHM, CHMK, and CHMF(T) type stainless steel horizontal light-duty multi-stage centrifugal pumps are equipped with horizontal extended-shaft motors, featuring axial suction and radial discharge. The flow passage components of the pumps are stamped and welded from high-quality stainless steel plates, making the pumps suitable for mildly corrosive media. The products adopt excellent hydraulic models and advanced manufacturing techniques, featuring wide applicability, high efficiency and energy conservation, as well as reliable quality.

The CHM, CHMK, and CHMF(T) series of horizontal, stainless steel, lightweight, multi-stage centrifugal pumps are primarily employed for the circulation of fluid in residential central air conditioning systems, as well as for the conveyance of various liquids within industrial applications. These pumps are particularly suited for the circulation and pressurization of demineralized water, soft water, in purification systems, and for handling light oils, among other uses.



- 1) small air conditioning circulation
- 2) cooling system
- 3) industrial cleaning
- 4) water treatment (water purification)
- 5) aquaculture
- 6) fertilization/Metering System
- 7) environmental application

TECHNICAL DATA

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	speed (r/min)	Voltage (V)	Outlet (mm)
1	CHM2-30	2	21	0.55	2900	220/380	25/25
2	CHM2-40	2	28	0.55	2900	220/380	25/25
3	CHM2-50	2	35	0.55	2900	220/380	25/25
4	CHM2-60	2	42	0.75	2900	220/380	25/25
5	CHM4-20	4	15	0.55	2900	220/380	32/25
6	CHM4-30	4	22	0.55	2900	220/380	32/25
7	CHM4-40	4	30	0.75	2900	220/380	32/25
8	CHM8-30	8	25.5	1.1	2900	220/380	50/50
9	CHM8-40	8	34	1.5	2900	220/380	50/50
10	CHM8-50	8	42.5	2.2	2900	220/380	50/50
11	CHM12-30	12	29.5	1.5	2900	220/380	50/50
12	CHM12-40	12	39.5	2.2	2900	220/380	50/50
13	CHM12-50	12	50	3	2900	220/380	50/50
14	CHM16-20	16	21	2.2	2900	220/380	50/50
15	CHM16-30	16	32	3	2900	220/380	50/50
16	CHM20-20	20	21	2.2	2900	220/380	50/50
17	CHM20-30	20	33	4	2900	220/380	50/50

CHLF Series

Light stainless steel Horizontal multistagecentrifugal pump

Product introduction

CHL, CHLK, and CHLF(T) type stainless steel horizontal light-duty multi-stage centrifugal pumps are equipped with horizontal extended-shaft motors, featuring axial suction and radial discharge. The flow passage components of the pumps are stamped and welded from high-quality stainless steel plates, making the pumps suitable for mildly corrosive media. The products adopt excellent hydraulic models and advanced manufacturing techniques, featuring wide applicability, high efficiency and energy conservation, as well as reliable quality.



TECHNICAL DATA

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)
1	CHL2-30	2	21	0.55	25/25
2	CHL2-40		28	0.55	
3	CHL2-50		35	0.55	
4	CHL2-60		42	0.75	
5	CHL4-20	4	15	0.55	32/25
6	CHL4-30		22	0.55	
7	CHL4-40		30	0.75	
8	CHL8-30	8	25.5	1.1	50/50
9	CHL8-40		34	1.5	
10	CHL8-50		42.5	2.2	
11	CHL12-30	12	29.5	1.5	
12	CHL12-40		39.5	2.2	
13	CHL12-50		50	3	
14	CHL16-20	16	21	2.2	
15	CHL16-30		32	3	
16	CHL20-20	20	21	2.2	
17	CHL20-30		33	4	

The CHL, CHLK, and CHLF(T) series of horizontal, stainless steel, lightweight, multi-stage centrifugal pumps are primarily employed for the circulation of fluid in residential central air conditioning systems, as well as for the conveyance of various liquids within industrial applications. These pumps are particularly suited for the circulation and pressurization of demineralized water, soft water, in purification systems, and for handling light oils, among other uses.

- 1) small air conditioning circulation
- 2) cooling system
- 3) industrial cleaning
- 4) water treatment (water purification)
- 5) aquaculture
- 6) fertilization/Metering System
- 7) environmental application

CDLF Series

Light stainless steel Vertical multistagecentrifugal pump

Product features:

The CDLF vertical multistage stainless steel centrifugal pump (hereinafter referred to as the centrifugal pump) is a non-self-priming vertical multistage centrifugal pump designed and manufactured by incorporating advanced technologies from both home and abroad. It adopts a standard vertical motor and a quick-release mechanical seal, making replacement extremely convenient. The flow passage parts of the multistage centrifugal pump are all made of stainless steel (304\316) materials, suitable for mildly corrosive media. The multistage centrifugal pump can replace similar foreign products such as CR and CRN. After being launched into the market, the product has been well received by users for its high efficiency, energy conservation, reliable quality, and wide range of applications.

Product use:

Water supply: water filtration and transportation in water plants, water supply by zones in water plants, main pipe boosting, boosting for high-rise buildings.

Industrial boosting: process water system, cleaning system, high-pressure rinsing system, fire fighting system.

Industrial liquid transportation: cooling and air-conditioning systems, boiler feedwater and condensing systems, machine tool supporting systems, acid and alkaline medium transportation.

Water treatment: ultrafiltration system, reverse osmosis system, distillation system, separator and swimming pool water treatment system.

Irrigation: farmland irrigation, sprinkler irrigation, drip irrigation.



TECHNICAL DATA

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)
1	25CDLF2-6	2	45	0.75	25
2	25CDLF2-7		52	0.75	
3	25CDLF2-9		67	1.1	
4	25CDLF2-11		82	1.1	
5	25CDLF2-13		97	1.5	
6	25CDLF2-15		112	1.5	
7	25CDLF2-18		150	2.2	
8	25CDLF2-22		165	2.2	
9	25CDLF2-24		180	3	
10	25CDLF2-26		195	3	
11	32CDLF4-4	4	32	0.75	32
12	32CDLF4-5		40	1.1	
13	32CDLF4-6		48	1.1	
14	32CDLF4-7		56	1.5	
15	32CDLF4-8		64	1.5	
16	32CDLF4-10		80	2.2	
17	32CDLF4-12		96	2.2	
18	32CDLF4-14		112	3	
19	32CDLF4-16		128	3	
20	32CDLF4-19		152	4	
21	32CDLF4-22		176	4	
22	40CDLF8-2	8	18	0.75	40
23	40CDLF8-3		27	1.1	
24	40CDLF8-4		36	1.5	
25	40CDLF8-5		45	2.2	
26	40CDLF8-6		54	2.2	
27	40CDLF8-8		72	3	
28	40CDLF8-10		90	4	
29	40CDLF8-12		108	4	
30	40CDLF8-14		126	5.5	
31	40CDLF8-16		144	5.5	
32	40CDLF8-18	12	162	7.5	50
33	40CDLF8-20		180	7.5	
34	50CDLF12-2		20	1.5	
35	50CDLF12-3		30	2.2	
36	50CDLF12-4		40	3	
37	50CDLF12-5		50	3	
38	50CDLF12-6		60	4	
39	50CDLF12-7		70	5.5	
40	50CDLF12-8		80	5.5	

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)
41	50CDLF12-9	12	91	5.5	50
42	50CDLF12-10		101	7.5	
43	50CDLF12-12		121	7.5	
44	50CDLF12-14		141	11	
45	50CDLF12-16		162	11	
46	50CDLF12-18		183	11	
47	50CDLF16-2	16	22	2.2	
48	50CDLF16-3		34	3	
49	50CDLF16-4		46	4	
50	50CDLF16-5		58	5.5	
51	50CDLF16-6		70	5.5	
52	50CDLF16-7		82	7.5	
53	50CDLF16-8		94	7.5	
54	50CDLF16-10		118	11	
55	50CDLF16-12		141	11	
56	50CDLF16-14		166	15	
57	50CDLF16-16		189	15	
58	50CDLF20-2	20	23	2.2	
59	50CDLF20-3		35	4	
60	50CDLF20-4		47	5.5	
61	50CDLF20-5		58	5.5	
62	50CDLF20-6		70	7.5	
63	50CDLF20-7		82	7.5	
64	50CDLF20-8	32	94	11	65
65	50CDLF20-10		118	11	
66	50CDLF20-12		142	15	
67	50CDLF20-14		166	15	
68	50CDLF20-17		202	18.5	
69	65CDLF32-10-1		9	1.5	
70	65CDLF32-10	32	13	2.2	
71	65CDLF32-20-2		20	3	
72	65CDLF32-20		27	4	
73	65CDLF32-30		40	5.5	
74	65CDLF32-40		53	7.5	
75	65CDLF32-50		67	11	
76	65CDLF32-60		81	11	
77	65CDLF32-70		95	15	
78	65CDLF32-80		109	15	
79	65CDLF32-90		117	18.5	
80	65CDLF32-100		138	18.5	
81	65CDLF32-110		153	22	

TECHNICAL DATA

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)
82	65CDLF32-120	32	167	22	65
83	65CDLF32-130		181	30	
84	65CDLF32-140		196	30	
85	65CDLF32-150		210	30	
86	65CDLF32-160		225	30	
87	80CDLF45-10-1	45	16	3	80
88	80CDLF45-10		20	4	
89	80CDLF45-20-2		32	5.5	
90	80CDLF45-20		41	7.5	
91	80CDLF45-30-2		50	11	
92	80CDLF45-30		61	11	
93	80CDLF45-40-2		73	15	
94	80CDLF45-40		80	15	
95	80CDLF45-50-2		93	18.5	
96	80CDLF45-50		101	18.5	
97	80CDLF45-60-2	65	113	22	100
98	80CDLF45-60		122	22	
99	80CDLF45-70-2		134	30	
100	80CDLF45-70		142	30	
101	80CDLF45-80-2		154	30	
102	80CDLF45-80		162	30	
103	80CDLF45-90-2		174	30	
104	80CDLF45-90		183	37	
105	80CDLF45-100-2		194	37	
106	80CDLF45-100		203	37	
107	80CDLF45-110-2	90	217	45	125
108	80CDLF45-110		225	45	
109	80CDLF45-120-2		238	45	
110	80CDLF45-120		247	45	
111	80CDLF45-130-2		259	45	
112	80CDLF45-130		253	45	
113	100CDLF65-10-1		13	4	
114	100CDLF65-10		20	5.5	
115	100CDLF65-20-2		26	7.5	
116	100CDLF65-20-1		33	11	
117	100CDLF65-20	120	40	11	150
118	100CDLF65-30-2		46	15	
119	100CDLF65-30-1		53	15	
120	100CDLF65-30		60	18.5	
121	100CDLF65-40-2		73	18.5	
122	100CDLF65-40-1		73	22	

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)
123	100CDLF65-40	65	80	22	100
124	100CDLF65-50-2		88	30	
125	100CDLF65-50-1		95	30	
126	100CDLF65-50		102	30	
127	100CDLF65-60-2		110	30	
128	100CDLF65-60-1		117	37	
129	100CDLF65-60		124	37	
130	100CDLF65-70-2		132	37	
131	100CDLF65-70-1		139	37	
132	100CDLF65-70		146	45	
133	100CDLF65-80-2	90	154	45	125
134	100CDLF65-80-1		161	45	
135	100CDLF65-80		170	45	
136	100CDLF90-10-1		14	5.5	
137	100CDLF90-10		20	7.5	
138	100CDLF90-20-2		30	11	
139	100CDLF90-20		41	15	
140	100CDLF90-30-2		52	18.5	
141	100CDLF90-30		64	22	
142	100CDLF90-40-2		75	30	
143	100CDLF90-40	120	86	30	150
144	100CDLF90-50-2		98	37	
145	100CDLF90-50		110	37	
146	100CDLF90-60-2		122	45	
147	100CDLF90-60		134	45	
148	125CDLF120-10		18.5	11	
149	125CDLF120-20-2		28.5	15	
150	125CDLF120-20-1		34.5	18.5	
151	125CDLF120-20		40	22	
152	125CDLF120-30-2		49	30	
153	125CDLF120-30-1	150	55.5	30	200
154	125CDLF120-30		61	30	
155	125CDLF120-40-2		69	37	
156	125CDLF120-40-1		76	37	
157	125CDLF120-40		81	45	
158	125CDLF120-50-2		90	45	
159	125CDLF120-50-1		97	45	
160	125CDLF120-50		101.5	55	
161	125CDLF120-60-2		110	55	
162	125CDLF120-60-1		118	55	
163	125CDLF120-60	180	123	75	250

TECHNICAL DATA

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)
164	125CDLF120-70-2	120	130	75	125
165	125CDLF120-70-1		137.5	75	
166	125CDLF120-70		145	75	
167	125CDLF120-80		152	90	
168	125CDLF150-10-1		12.5	11	
169	125CDLF150-10	150	18.5	15	125
170	125CDLF150-20-2		27.5	18.5	
171	125CDLF150-20-1		35	22	
172	125CDLF150-20		40	30	
173	125CDLF150-30-2		49	30	
174	125CDLF150-30-1		56	37	
175	125CDLF150-30		63	37	
176	125CDLF150-40-2		70.5	45	
177	125CDLF150-40-1		77	45	
178	125CDLF150-40		84	55	
179	125CDLF150-50-2	200	92	55	150
180	125CDLF150-50-1		99	75	
181	125CDLF150-50		106.5	75	
182	125CDLF150-60-2		112	75	
183	125CDLF150-60-1		120.5	75	
184	125CDLF150-60		130	75	
185	125CDLF150-70		139	90	
186	150CDLF200-10-B		20	18.5	
187	150CDLF200-10-A		24	22	
188	150CDLF200-10		34	30	
189	150CDLF200-20-2B	250	41	37	200
190	150CDLF200-20-2A		49	45	
191	150CDLF200-20-A		59	55	
192	150CDLF200-20		69	55	
193	150CDLF200-30-2B		75	75	
194	150CDLF200-30-A-B		79	75	
195	150CDLF200-30-2A		84	75	
196	150CDLF200-30-B		89	75	
197	150CDLF200-30-A		93	75	
198	150CDLF200-30		103	90	
199	150CDLF200-40-2B	300	110	90	150
200	150CDLF200-40-2A		118	110	
201	150CDLF200-40-A		128	110	
202	150CDLF200-40		138	110	
203	150CDLF200-50		174	132	

SMWK Series

Pipe cutting pump



OUTLINES:

The SMWK pipeline cutting pump is composed of three parts: water pump, seal, and electric motor. The motor and water pump are directly connected, using a three-phase asynchronous motor. A single-end mechanical seal is used between the water pump and the electric motor, and an "O"-shaped oil-resistant rubber seal ring is used for static sealing at the sealing place of the pump body and pump cover. This series of electric pumps have introduced and absorbed advanced foreign technologies, using an open single-blade impeller with a novel and unique structure. It has excellent non-clogging performance, and can cut and tear long fibers, plastic paper strips, toilet paper, etc., keeping the water pump flow channel unblocked. It is an ideal sewage discharge electric pump.

Conditions of use:

The electric pump is designed to function normally and continuously under specific operational conditions:

1. The proportion of solid impurities within the working medium must not exceed 2% by volume.
2. The temperature of the medium should not surpass 40 degrees Celsius (°C), and the pH level of the medium should remain within the range of 4 to 10.
3. It is imperative that the electric pump is operated within the vicinity of the specified head to ensure optimal performance.
4. The power supply should be a three-phase system with a frequency of 50 Hertz (Hz) and a voltage of 380 Volts (V), where the allowable voltage fluctuation is between 0.9 and 1.1 times the rated voltage.



TECHNICAL DATA

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Voltage (V)	Outlet (mm)	Speed (r/min)
1	50SMWK10-10-0.75	10	10	0.75	380	50	2900/2P
2	50SMWK7-15-1.1	7	15	1.1		50	
3	50SMWK15-15-1.5	15	15	1.5		50	
4	65SMWK25-10-1.5	25	10	1.5		65	
5	50SMWK15-20-2.2	15	20	2.2		50	
6	65SMWK25-15-2.2	25	15	2.2		65	
7	80SMWK40-10-2.2	40	10	2.2		80	
8	50SMWK20-25-3	20	25	3		50	
9	65SMWK25-20-3	25	20	3		65	
10	80SMWK40-15-3	40	15	3		80	
11	65SMWK25-25-4	25	25	4		65	
12	80SMWK45-15-4	45	15	4		80	
13	100SMWK50-10-4	50	10	4		100	
14	80SMWK50-15-5.5	50	15	5.5		80	
15	100SMWK65-18-5.5	65	18	5.5		100	
16	80SMWK65-25-7.5	65	25	7.5		80	
17	100SMWK80-15-7.5	80	15	7.5		100	
18	150SMWK100-12-7.5	100	12	7.5		150	
19	80SMWK40-40-11	40	40	11		80	
20	100SMWK60-30-11	60	30	11		100	
21	150SMWK100-20-11	100	20	11	380	150	1450/4P
22	80SMWK45-52-15	45	52	15		80	
23	100SMWK60-40-15	60	40	15		100	
24	150SMWK100-30-15	100	30	15		150	
25	80SMWK60-40-18.5	60	40	18.5		80	
26	100SMWK80-35-18.5	80	35	18.5		100	
27	150SMWK100-30-18.5	100	30	18.5		150	
28	200SMWK200-15-18.5	200	15	18.5		200	
29	80SMWK50-50-22	50	50	22		80	
30	100SMWK80-40-22	80	40	22		100	
31	150SMWK120-35-22	120	35	22		150	
32	200SMWK250-18-22	250	18	22		200	
33	100SMWK80-25-11	80	25	11		100	
34	150SMWK150-15-11	150	15	11		150	
35	100SMWK80-30-15	80	30	15		100	
36	150SMWK200-15-15	200	15	15		150	
37	150SMWK250-15-18.5	250	15	18.5		150	
38	200SMWK350-12-18.5	350	12	18.5		200	
39	150SMWK300-15-22	300	15	22		150	
40	200SMWK400-10-22	400	10	22		200	
41	200SMWK250-22-30	250	22	30		200	
42	200SMWK350-25-37	350	25	37		200	
43	200SMWK400-25-45	400	25	45		200	
44	200SMWK300-40-55	300	40	55		200	
45	200SMWK350-45-75	350	45	75		200	

SMYK series

cutting sewage pump



Cutter head



Alloy steel knife

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	speed (r/min)	Voltage (V)	Outlet (mm)
1	50SMYK10-10-0.75	10	10	0.75	2900	380	50
2	50SMYK7-15-1.1	7	15	1.1	2900	380	50
3	50SMYK15-15-1.5	15	15	1.5	2900	380	50
4	65SMYK25-10-1.5	25	10	1.5	2900	380	65
5	50SMYK15-20-2.2	15	20	2.2	2900	380	50
6	65SMYK25-15-2.2	25	15	2.2	2900	380	65
7	80SMYK40-10-2.2	40	10	2.2	2900	380	80
8	50SMYK20-25-3	20	25	3	2900	380	50
9	65SMYK25-20-3	25	20	3	2900	380	65
10	80SMYK40-15-3	40	15	3	2900	380	80
11	65SMYK25-25-4	25	25	4	2900	380	65
12	80SMYK45-15-4	45	15	4	2900	380	80
13	100SMYK50-10-4	50	10	4	2900	380	100
14	80SMYK50-15-5.5	50	15	5.5	2900	380	80
15	100SMYK65-18-5.5	65	18	5.5	2900	380	100
16	80SMYK65-25-7.5	65	25	7.5	2900	380	80
17	100SMYK100-15-7.5	100	15	7.5	2900	380	100
18	80SMYK40-40-11	40	40	11	2900	380	80
19	100SMYK60-30-11	60	30	11	2900	380	100
20	150SMYK100-20-11	100	20	11	2900	380	150
21	80SMYK45-52-15	45	52	15	2900	380	80
22	100SMYK60-40-15	60	40	15	2900	380	100
23	150SMYK100-30-15	100	30	15	2900	380	150
24	80SMYK60-40-18.5	60	40	18.5	2900	380	80
25	100SMYK80-35-18.5	80	35	18.5	2900	380	100
26	150SMYK100-30-18.5	100	30	18.5	2900	380	150
27	200SMYK200-15-18.5	200	15	18.5	2900	380	200
28	80SMYK50-50-22	50	50	22	2900	380	80
29	100SMYK80-40-22	80	40	22	2900	380	100
30	150SMYK120-35-22	120	35	22	2900	380	150
31	200SMYK250-18-22	250	18	22	2900	380	200
32	100SMYK80-25-11	80	25	11	2900	380	100
33	150SMYK150-15-11	150	15	11	2900	380	150
34	100SMYK80-30-15	80	30	15	2900	380	100
35	150SMYK200-15-15	200	15	15	2900	380	150
36	150SMYK250-15-18.5	250	15	18.5	2900	380	150
37	200SMYK350-12-18.5	350	12	18.5	1450	380	200
38	150SMYK300-15-22	300	15	22	1450	380	150
39	200SMYK400-10-22	400	10	22	1450	380	200
40	200SMYK250-22-30	250	22	30	1450	380	200
41	200SMYK350-25-37	350	25	37	1450	380	200
42	200SMYK400-25-45	400	25	45	1450	380	200
43	200SMYK300-40-55	300	40	55	1450	380	200
44	200SMYK350-45-75	350	45	75	1450	380	200

ZJQ series

Submersible mortar pump



Product introduction

The ZJQ submersible slurry pump has been meticulously enhanced through a thorough optimization process and innovative design, focusing on aspects such as hydraulic models, sealing technology, mechanical structure, and protection control systems. The product boasts a streamlined design, ease of installation, safe and dependable operation, as well as an extended service life. Its submersible nature eliminates the requirement for intricate surface pump stations and anchoring equipment, thereby ensuring a noiseless and vibration-free operation, and maintaining a cleaner worksite environment.

Primary use

This product is suitable for conveying slurry containing abrasive particles such as sand, coal slag, and tailing. It is mainly used in industries such as metallurgy, mining, electric power, chemicals, environmental protection, river dredging, sand pumping, and municipal engineering. This product is convenient to install and move, and has high slag pumping efficiency. It can operate safely for a long time under harsh working conditions and is an ideal alternative to traditional vertical submerged pumps and submersible sewage pumps.

1. The electrical supply specifications are 380V for a three-phase system with a frequency of 50HZ, which can be tailored to meet specific requirements.
2. The medium's temperature typically does not exceed 60 degrees Celsius, featuring a pH spectrum from 4 to 10, and a medium density that does not surpass 1300 kilograms per square meter.
3. The apparatus is designed for compatibility with media that contain highly abrasive solid particles and sewage slurry with mild corrosive properties.
4. The diameter of solid particles within the medium must not be larger than 80% of the smallest flow passage diameter within the pump.



Mud and sediment cleaning



Tailings discharge



Coal mining



Slurry transportation



River cleaning



For mixing plants

ZJQ Submersible mortar pump

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)
1	40ZJQ8-12-2.2	8	12	2.2	40
2	40ZJQ15-12-3	15	12	3	40
3	40ZJQ23-10-3	23	10	3	40
4	50ZJQ25-15-4	25	15	4	50
5	50ZJQ17-10-4	17	10	4	50
6	50ZJQ38-6-4	38	6	4	50
7	50ZJQ25-17-5.5	25	17	5.5	50
8	40ZJQ10-21-5.5	10	21	5.5	40
9	40ZJQ18-19-5.5	18	19	5.5	40
10	40ZJQ23-17-5.5	23	17	5.5	40
11	80ZJQ45-15-5.5	45	15	5.5	80
12	50ZJQ36-17-7.5	36	17	7.5	50
13	50ZJQ46-16-7.5	46	16	7.5	50
14	50ZJQ25-30-7.5	25	30	7.5	50
15	80ZJQ80-14-7.5	80	14	7.5	80
16	80ZJQ50-20-7.5	50	20	7.5	80
17	100ZJQ100-12-7.5	100	12	7.5	100
18	80ZJQ43-21.5-11	43	21.5	11	80
19	80ZJQ40-28-11	40	28	11	80
20	65ZJQ56-27-11	56	27	11	65
21	65ZJQ71-25-11	71	25	11	65
22	65ZJQ47-34-11	47	34	11	65
23	80ZJQ80-18-11	80	18	11	80
24	80ZJQ45-23-15	45	23	15	80
25	80ZJQ84-20-15	84	20	15	80
26	50ZJQ26-42-15	26	42	15	50
27	65ZJQ62-33-15	62	33	15	65
28	65ZJQ79-32-15	79	32	15	65
29	65ZJQ34-28-15	34	28	15	65
30	65ZJQ52-26-15	52	26	15	65
31	65ZJQ88-21-15	88	21	15	65
32	80ZJQ75-35-15	75	35	15	80
33	100ZJQ120-16-15	120	16	15	100
34	80ZJQ90-22-18.5	90	22	18.5	80
35	80ZJQ126-17-18.5	126	17	18.5	80
36	65ZJQ50-28-18.5	50	28	18.5	65
37	50ZJQ40-40-18.5	40	40	18.5	50
38	40ZJQ20-48-18.5	20	48	18.5	40
39	40ZJQ39-42-18.5	39	42	18.5	40
40	40ZJQ47-36-18.5	47	36	18.5	40
41	65ZJQ38-34-18.5	38	34	18.5	65
42	65ZJQ58-32-18.5	58	32	18.5	65
43	65ZJQ98-26-18.5	98	26	18.5	65
44	80ZJQ129-19-22	129	19	22	80
45	65ZJQ84-24-22	84	24	22	65
46	65ZJQ100-22-22	100	22	22	65
47	50ZJQ39-47-22	39	47	22	50

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)
48	50ZJQ64-41-22	64	41	22	50
49	50ZJQ86-32-22	86	32	22	50
50	100ZJQ120-35-22	120	35	22	100
51	150ZJQ180-22-22	180	22	22	150
52	150ZJQ250-15-22	250	15	22	150
53	65ZJQ57-61-30	57	61	30	65
54	65ZJQ90-43-30	90	43	30	65
55	65ZJQ128-40-30	128	40	30	65
56	80ZJQ98-51-30	98	51	30	80
57	100ZJQ119-4-30	119	4	30	100
58	100ZJQ31-58-30	31	58	30	100
59	100ZJQ47-51-30	47	51	30	100
60	100ZJQ65-38-30	65	38	30	100
61	100ZJQ150-38-30	150	38	30	100
62	65ZJQ95-60-45	95	60	45	65
63	50ZJQ48-86-45	48	86	45	50
64	80ZJQ190-42-45	190	42	45	80
65	80ZJQ121-61-45	121	61	45	80
66	100ZJQ205-36-45	205	36	45	100
67	100ZJQ96-20-45	96	20	45	100
68	80ZJQ105-45-45	105	45	45	80
69	80ZJQ144-41-45	144	41	45	80
70	80ZJQ201-32-45	201	32	45	80
71	100ZJQ157-37-45	157	37	45	100
72	100ZJQ214-32-45	214	32	45	100
73	100ZJQ293-24-45	293	24	45	100
74	150ZJQ250-40-45	250	40	45	150
75	80ZJQ58-88-55	58	88	55	80
76	100ZJQ331-38-55	331	38	55	100
77	80ZJQ189-55-55	189	55	55	80
78	100ZJQ240-43-55	240	43	55	100
79	100ZJQ149-63-55	149	63	55	100
80	150ZJQ450-25-55	450	25	55	150
81	100ZJQ228-57-75	228	57	75	100
82	150ZJQ500-28-75	500	28	75	150
83	100ZJQ331-38-90	331	38	90	100
84	80ZJQ79-99-110	79	99	110	80
85	80ZJQ140-96-110	140	96	110	80
86	80ZJQ201-93-110	201	93	110	80
87	80ZJQ107-110-110	107	110	110	80
88	150ZJQ300-62-110	300	62	110	150
89	80ZJQ182-105-132	182	105	132	80
90	150ZJQ450-58-132	450	58	132	150
91	150ZJQ550-54-132	550	54	132	150
92	80ZJQ242-99-160	242	99	160	80
93	50ZJQ47-40-37	47	40	37	50
94	50ZJQ75-38-37	75	38	37	50

ZJQ Submersible mortar pump

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)
95	80ZJQ50-48-37	50	48	37	80
96	80ZJQ100-47-45	100	47	45	80
97	80ZJQ151-45-55	151	45	55	80
98	100ZJQ234-19-37	234	19	37	100
99	100ZJQ170-96-160	170	96	160	100
100	100ZJQ290-95-185	290	95	185	100
101	100ZJQ370-92-220	370	92	220	100
102	150ZJQ229-46-75	229	46	75	150
103	150ZJQ432-44-90	432	44	90	150
104	150ZJQ639-40-110	639	40	110	150
105	150ZJQ229-46-130	229	46	130	150
106	150ZJQ432-44-132	432	44	132	150
107	150ZJQ635-40-155	635	40	155	150
108	200ZJQ396-50-185	396	50	185	200
109	200ZJQ792-46-215	792	46	215	200
110	200ZJQ1188-39-240	1188	39	240	200
111	100ZJQ214-20-37	214	20	37	100
112	80ZJQ121-46-37	121	46	37	80
113	80ZJQ160-43-45	160	43	45	80
114	100ZJQ183-35-37	183	35	37	100
115	100ZJQ219-34-37	219	34	37	100
116	100ZJQ199-42-45	199	42	45	100
117	100ZJQ238-40-55	238	40	55	100
118	150ZJQ298-25-37	298	25	37	150
119	150ZJQ364-24-45	364	24	45	150
120	150ZJQ221-40-55	221	40	55	150
121	150ZJQ365-37-75	365	37	75	150
122	150ZJQ442-35-75	442	35	75	150
123	150ZJQ230-43-55	230	43	55	150
124	150ZJQ380-40-75	380	40	75	150
125	150ZJQ460-38-75	460	38	75	150
126	150ZJQ248-53-90	248	53	90	150
127	150ZJQ431-51-110	431	51	110	150
128	150ZJQ504-49-110	504	49	110	150
129	150ZJQ190-56-90	190	56	90	150
130	150ZJQ268-61-110	268	61	110	150
131	150ZJQ458-56-132	458	56	132	150
132	150ZJQ596-51-160	596	51	160	150
133	150ZJQ260-59-90	260	59	90	150
134	150ZJQ454-56-132	454	56	132	150
135	150ZJQ532-55-132	532	55	132	150
136	150ZJQ270-63-110	270	63	110	150
137	150ZJQ470-60-132	470	60	132	150
138	150ZJQ550-59-160	550	59	160	150
139	150ZJQ291-71-132	291	71	132	150
140	150ZJQ485-68-160	485	68	160	150
141	150ZJQ582-65-185	582	65	185	150

NO.	model	Flow (m³/h)	Head (m)	Power (kW)	Outlet (mm)
142	150ZJQ300-75-132	300	75	132	150
143	150ZJQ500-73-185	500	73	185	150
144	150ZJQ600-69-200	600	69	200	150
145	150ZJQ186-91-132	186	91	132	150
146	150ZJQ285-87-160	285	87	160	150
147	150ZJQ401-80-185	401	80	185	150
148	200ZJQ421-58-132	421	58	132	200
149	200ZJQ715-54-160	715	54	160	200
150	200ZJQ841-52-185	841	52	185	200
151	200ZJQ435-62-132	435	62	132	200
152	200ZJQ740-58-185	740	58	185	200
153	200ZJQ870-55-185	870	55	185	200
154	200ZJQ465-67-160	465	67	160	200
155	200ZJQ795-64-220	795	64	220	200
156	200ZJQ921-61-250	921	61	250	200
157	200ZJQ470-72-185	470	72	185	200
158	200ZJQ820-68-250	820	68	250	200
159	200ZJQ950-65-250	950	65	250	200
160	200ZJQ397-81-200	397	81	200	200
161	200ZJQ717-78-250	717	78	250	200
162	200ZJQ948-73-315	948	73	315	200
163	200ZJQ409-86-200	409	86	200	200
164	200ZJQ738-82-280	738	82	280	200
165	200ZJQ976-77-315	976	77	315	200
166	200ZJQ438-97-250	438	97	250	200
167	200ZJQ730-90-315	730	90	315	200
168	200ZJQ750-95-355	750	95	355	200
169	200ZJQ900-91-355	900	91	355	200
170	200ZJQ441-134-400	441	134	400	200
171	200ZJQ858-128-560	858	128	560	200
172	200ZJQ907-128-560	907	128	560	200
173	250ZJQ551-60-185	551	60	185	250
174	250ZJQ895-56-250	895	56	250	250
175	250ZJQ1153-52-280	1153	52	280	250
176	250ZJQ597-67-200	597	67	200	250
177	250ZJQ940-62-250	940	62	250	250
178	250ZJQ1211-58-315	1211	58	315	250
179	250ZJQ597-71-220	597	71	220	250
180	250ZJQ970-66-280	970	66	280	250
181	250ZJQ1249-61-315	1249	61	315	250
182	250ZJQ544-80-250	544	80	250	250
183	250ZJQ997-75-355	997	75	355	250
184	250ZJQ1342-68-450	1342	68	450	250
185	250ZJQ560-85-280	560	85	280	250
186	250ZJQ1027-80-400	1027	80	400	250
187	250ZJQ1381-72-450	1381	72	450	250
188	250ZJQ584-92-280	584	92	280	250

GARDEN PUMP



GP

TECHNICAL DATA

MODEL	INPUT POWER		MAX.FLOW L/Min	MAX.HEAD M	OUTLET IN	GW Kg	PACKING DIMENSION MM
	kW	HP					
GP250	0.25	0.33	90	6	1½"	3.5	205*180*325
GP350	0.35	0.47	100	7	1½"	4.0	205*180*325
GP400	0.4	0.53	120	8	1½"	4.5	205*180*325
GP550	0.55	0.75	165	9	1½"	5.0	205*180*325
GP750	0.75	1.0	200	11	1½"	5.5	205*180*325



GS(For sewage)

TECHNICAL DATA

MODEL	INPUT POWER		MAX.FLOW L/Min	MAX.HEAD M	OUTLET IN	GW Kg	PACKING DIMENSION MM
	kW	HP					
GS400	0.4	0.53	125	5	1½"	4.0	220*160*350
GS550	0.55	0.75	200	8	1½"	4.5	220*160*350
GS750	0.75	1.0	235	8	1½"	5.0	220*160*350



SGP

TECHNICAL DATA

MODEL	INPUT POWER		MAX.FLOW L/Min	MAX.HEAD M	OUTLET IN	GW Kg	PACKING DIMENSION MM
	kW	HP					
SGP250	0.25	0.33	75	6	1½"	3.5	205*172*310
SGP350	0.35	0.47	85	7	1½"	4.0	205*172*310
SGP400	0.4	0.53	90	8	1½"	4.5	205*172*310
SGP550	0.55	0.75	120	10	1½"	5.0	205*172*310
SGP750	0.75	1.0	220	11	1½"	5.5	205*172*310



SGPS(For sewage)

TECHNICAL DATA

MODEL	INPUT POWER		MAX.FLOW L/Min	MAX.HEAD M	OUTLET IN	GW Kg	PACKING DIMENSION MM
	kW	HP					
SGPS400	0.4	0.53	140	5	1½"	4.0	215*180*400
SGPS550	0.55	0.75	165	10	1½"	4.5	215*180*400
SGPS800	0.8	1.1	200	10	1½"	5.0	215*180*400



TK

TECHNICAL DATA

MODEL	INPUT POWER		MAX.FLOW L/Min	MAX.HEAD M	INLET/ OUTLET IN	GW Kg	PACKING DIMENSION MM
	kW	HP					
TK370	0.37	0.5	50	23	¾" x ¾"	6	500*255*315/2PCS
TK550	0.55	0.75	60	25	¾" x ¾"	10	530*255*315/2PCS
TK750	0.75	1	70	28	¾" x ¾"	16	530*255*315/2PCS

DC brush submersible pump



TECHNICAL DATA

Model	Flow (L/min)	Head (m)	Power (w)	Voltage (V)	Outlet (mm)	Weight (kg)
ZQB-12	100	8	125	DC12	35	3
ZQB-24	135	10	135	DC24	25	3.2
ZQB-48	170	12	185	DC48	25	3.4
ZQB-60	200	18	230	DC60	25	3.8

DC brush screw pump



TECHNICAL DATA

Model	Flow (L/min)	Head (m)	Power (w)	Voltage (V)	Outlet (mm)	Weight (kg)
DC-12-300	1.5	25	300	12	32/25	4.3
DC-24-300	1.5	50	300	24	32/25	4.3
DC-48-370	1.5	65	370	48	32/25	4.3
DC-60-370	1.5	70	370	60	32/25	4.3

DC brush deep well pump



TECHNICAL DATA

Model	Max Flow (m³/h)	Max Head (m)	Power (w)	Voltage (V)	Outlet (mm)	Pump diameter (mm)	cable (mm)	Impellers (Quantity)
3FMDC12-1	4	15	250	12	25	76	15	4
3FMDC24-1	4.5	21	250	24	25	76	15	4
3FMDC48-1	5.5	28	250	48	25	76	15	4
3FMDC24-2	4.5	21	250	24	40	76	15	4
3FMDC48-2	5.5	28	250	48	40	76	15	4
3SMDC24-1	4.5	21	250	24	25	76	15	4
3SMDC48-1	5.5	28	250	48	25	76	15	4

YE3/YE4

aluminum shell three phase asynchronous motor



Product introduction

The YE3/YE4 series – dedicated motors for vertical multi-stage pumps, are newly developed products based on the integration with the CDL stainless steel vertical multi-stage pumps. Featuring novel and elegant design, these motors boast an IP55 protection level, F-class insulation, and energy-saving efficiency that meets the international IE3 standard, equivalent to China's Grade 2 energy efficiency, making them ideal energy-saving products. Additionally, they are characterized by high starting torque, low noise, minimal vibration, rational structure, and ease of application. The motor efficiency indicators comply with the 3rd or 2nd grade specified in GB/18613-2020 "Minimum Allowable Values of Energy Efficiency and Energy Efficiency Grades for Small and Medium Three-phase Asynchronous Motors." The YE3 series – Glen-style aluminum shell three-phase asynchronous motors are designed to better accommodate high torque, low vibration, and low noise requirements. Both the front flange and rear end cover are made of cast iron, ensuring compatibility with the operating conditions of these water pumps.

Operating Conditions

Ambient Temperature: -15℃ to 40℃

Altitude: Not exceeding 1000m

Rated Voltage: 380V, 400V, 415V

Frequency: 50Hz, 60Hz

Connection Method: Motors with rated power of 3kW or less use Y-connection

Motors with rated power of 4kW or above use [connection method unspecified, typically Δ-connection]

Duty Type: Continuous duty (S1)

Protection Class: Enclosure IP54/IP55, Terminal Box IP55

Insulation Class: Class F

Cooling Method: IC411

YE3

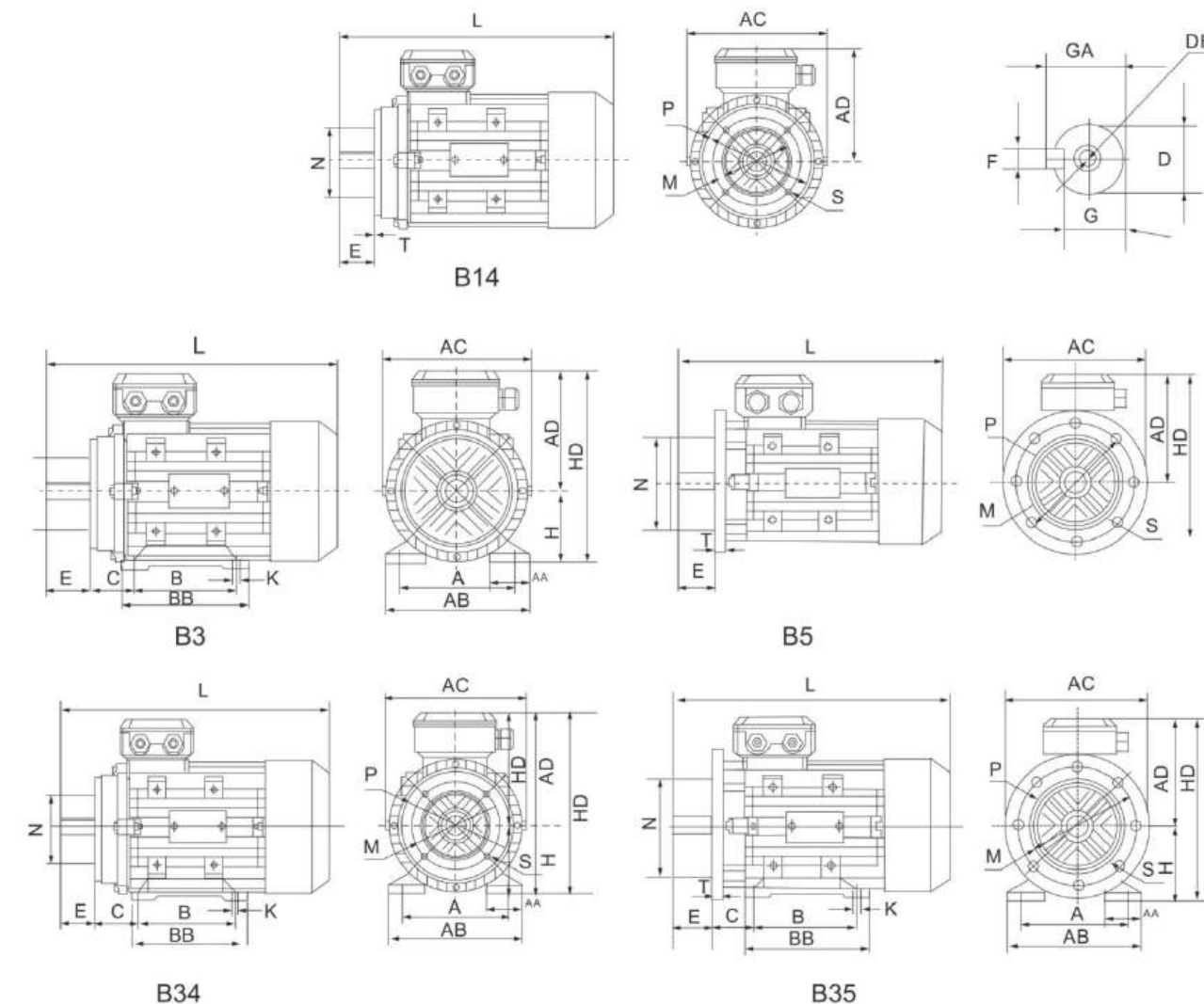
TYPE	RATED OUTPUT	RATED CURRENT	RATED SPEED	EFF I CENCY	POWER FACTOR	LOCKED ROTOR TORQUE	LOCKED ROTOR CURRENT	MAXIMUM TORQUE
						RATED TO RQUE	RATED CU RRENT	RATED TO RQUE
	Kw	A	r pm	η %	COSΦ	Ts/Tn	Is/In	Tmax/Tn
3000r/min 380V 50Hz								
YE3-71M1-2	0.37	0.99	2740	73.8	0.81	2.3	7	2.2
YE3-71M2-2	0.55	1.4	2740	77.8	0.82	2.3	7	2.2
YE3-80M1-2	0.75	1.8	2840	80.7	0.82	2.3	7	2.3
YE3-80M2-2	1.1	2.6	2840	82.7	0.83	2.3	7.6	2.3
YE3-90S-2	1.5	3.4	2845	84.2	0.84	2.2	7.9	2.3
YE3-90L-2	2.2	4.9	2845	85.9	0.85	2.2	7.9	2.3
YE3-100L-2	3	6.3	2860	87.1	0.87	2.2	8.5	2.3
YE3-112M-2	4	8.1	2880	88.1	0.88	2.2	8.5	2.3
YE3-132S1-2	5.5	11	2900	89.2	0.88	2	8.5	2.3
YE3-132S2-2	7.5	14.9	2900	90.1	0.88	2	8.5	2.3
YE3-160M1-2	11	21.3	2930	91.2	0.89	2	8.5	2.3
YE3-160M2-2	15	28.8	2930	91.9	0.89	2	8.5	2.3
YE3-160L-2	18.5	34.7	2930	92.4	0.89	2	8.5	2.3
1500r/min 380V 50Hz								
YE3-71M1-4	0.25	0.79	1330	73.5	0.75	2.1	6.6	2.2
YE3-71M2-4	0.37	1.12	1330	77.3	0.75	2.1	6.6	2.2
YE3-80M1-4	0.55	1.6	1390	80.8	0.75	2.4	6.6	2.3
YE3-80M2-4	0.75	2	1390	82.5	0.76	2.3	6.6	2.3
YE3-90S-4	1.1	2.9	1400	84.1	0.77	2.3	6.8	2.3
YE3-90L-4	1.5	3.7	1400	85.3	0.81	2.3	7	2.3
YE3-100L1-4	2.2	5.2	1420	86.7	0.82	2.3	7.6	2.3
YE3-100L2-4	3	6.8	1420	87.7	0.82	2.3	7.7	2.3
YE3-112M-4	4	8.8	1440	88.6	0.83	2.2	7.8	2.3
YE3-132S-4	5.5	11.8	1440	89.6	0.84	2	7.9	2.3
YE3-132M-4	7.5	15.6	1440	90.4	0.86	2	7.7	2.3
YE3-160M-4	11	22.3	1460	91.4	0.86	2	7	2.3
YE3-160L-4	15	30.1	1460	92.1	0.86	2	7.8	2.3
1000r/min 380V 50Hz								
YE3-80M1-6	0.37	1.3	885	73.5	0.71	1.9	6	2
YE3-80M2-6	0.55	1.8	885	77.2	0.73	1.9	6	2.1
YE3-90S-6	0.75	2.3	910	78.9	0.73	2	6	2.1
YE3-90L-6	1.1	3.2	910	81	0.74	2	6.5	2.1
YE3-100L-6	1.5	3.9	920	82.5	0.74	2	6.5	2.1
YE3-112M-6	2.2	5.6	935	84.3	0.74	2	6.6	2.1
YE3-132S-6	3	7.4	960	85.6	0.75	2	6.8	2.1
YE3-132M1-6	4	9.8	960	86.8	0.79	2	6.8	2.1
YE3-132M2-6	5.5	12.9	965	88	0.8	2	6.8	2.1
YE3-160M1-6	7.5	17.2	970	89.1	0.81	2	7.2	2.1
YE3-160L-6	11	24.2	970	90.3	0.81	2	7.2	2.1

YE4

TYPE	RATED OUTPUT	RATED CURRENT	RATED SPEED	EFF I CENCY	POWER FOCTOR	LOCKED ROTOR TORQUE	LOCKED ROTOR CURRENT	MAXIMUM TORQUE
	Kw	A	r pm	η %	COS Φ	RATED TO RQUE	RATED CU RRENT	RATED TO RQUE
3000r/min 380V 50Hz								
YE4-711-2	0.37	0.89	2765	76.5	0.81	2.2	6.1	2.2
YE4-712-2	0.55	1.25	2765	79.9	0.82	2.3	6.1	2.3
YE4-801-2	0.75	1.66	2910	81.8	0.82	2.3	7.0	2.3
YE4-802-2	1.1	2.36	2920	83.5	0.83	2.2	7.3	2.3
YE4-90S-2	1.5	3.14	2930	84.8	0.84	2.2	7.6	2.3
YE4-90L-2	2.2	4.47	2930	86.2	0.85	2.2	7.6	2.3
YE4-100L-2	3	5.88	2935	87.3	0.87	2.2	7.8	2.3
YE4-112M-2	4	7.67	2940	88.2	0.88	2.2	8.3	2.3
YE4-132S1-2	5.5	10.4	2945	89.1	0.88	2.0	8.3	2.3
YE4-132S2-2	7.5	14.1	2950	89.9	0.88	2.0	7.9	2.3
YE4-160M1-2	11	20.3	2960	90.7	0.89	2.0	8.1	2.3
YE4-160M2-2	15	27.4	2960	91.4	0.89	2.0	8.1	2.3
YE4-160L-2	18.5	33.7	2960	91.8	0.89	2.0	8.2	2.3
1500r/min 380V 50Hz								
YE4-711-4	0.25	0.66	1355	77.9	0.74	2.1	5.2	2.2
YE4-712-4	0.37	0.92	1355	81.1	0.75	2.1	5.2	2.2
YE4-801-4	0.55	1.33	1420	83.9	0.75	2.4	5.2	2.3
YE4-802-4	0.75	1.77	1430	85.7	0.75	2.3	6.6	2.3
YE4-90S-4	1.1	2.52	1445	87.2	0.76	2.3	6.8	2.3
YE4-90L-4	1.5	3.36	1450	88.2	0.77	2.3	7.0	2.3
YE4-100L1-4	2.2	4.61	1455	89.5	0.81	2.3	7.6	2.3
YE4-100L2-4	3	6.15	1455	90.4	0.82	2.3	7.6	2.3
YE4-112M-4	4	8.14	1460	91.1	0.82	2.2	7.8	2.3
YE4-132S-4	5.5	11.0	1470	91.9	0.83	2.0	7.9	2.3
YE4-132M-4	7.5	14.6	1470	92.6	0.84	2.0	7.5	2.3
YE4-160M-4	11	21.1	1475	93.3	0.85	2.2	7.7	2.3
YE4-160L-4	15	28.2	1475	93.9	0.86	2.2	7.8	2.3
1000r/min 380V 50Hz								
YE4-711-6	0.18	0.59	860	70.1	0.66	1.9	4.0	2.0
YE4-712-6	0.25	0.75	860	74.1	0.68	1.9	4.0	2.0
YE4-801-6	0.37	1.03	895	78.0	0.70	1.9	4.7	2.0
YE4-802-6	0.55	1.43	895	80.9	0.72	1.9	4.7	2.1
YE4-90S-6	0.75	1.94	950	82.7	0.71	2.0	6.0	2.1
YE4-90L-6	1.1	2.71	955	84.5	0.73	2.0	6.0	2.1
YE4-100L-6	1.5	3.63	960	85.9	0.73	2.0	6.5	2.1
YE4-112M-6	2.2	5.17	965	87.4	0.74	2.0	6.6	2.1
YE4-132S-6	3	6.95	970	88.6	0.74	2.0	6.8	2.1
YE4-132M1-6	4	9.18	975	89.5	0.74	2.0	6.8	2.1
YE4-132M2-6	5.5	12.3	975	90.5	0.75	2.0	7.0	2.1
YE4-160M-6	7.5	15.8	980	91.3	0.79	2.0	7.0	2.1

YE3/YE4

Installation dimension and overall dimension



Installation dimensions										Instation size for B14					Instation size for B5					外形尺寸 (mm)				
机座号	A	B	C	D	E	F	G	H	K	M	N	P	S	T	M	N	P	S	T	AB	AC	AD	HD	L
56M	90	71	36	9	20	3	7.2	56	5.8	65	50	80	M5	2.5	100	80	120	7	3.0	112	115	90	146	198
63M	100	80	40	11	23	4	8.5	63	7	75	60	90	M5	2.5	115	95	140	10	3.0	120	127	95	158	225
71M	112	90	45	14	30	5	11	71	7	85	70	105	M6	2.5	130	110	160	10	3.5	135	145	105	176	255
80M	125	100	50	19	40	6	15.5	80	10	100	80	120	M6	3.0	165	130	200	12	3.5	155	165	115	195	295
90S	140	100	56	24	50	8	20	90	10	115	95	140	M8	3.0	165	130	200	12	3.5	175	180	120	210	331
90L	140	125	56	24	50	8	20	90	10	115	95	140	M8	3.0	165	130	200	12	3.5	175	180	120	210	361
110L	160	140	63	28	60	8	24	100	12	130	110	160	M8	3.5	215	180	250	15	4.0	200	200	155	255	392
112M	190	140	70	28	60	8	24	112	12	130	110	160	M8	3.5	215	180	250	15	4.0	230	222	180	274	406
132S	216	140	89	38	80	10	33	132	12	165	130	200	M10	4.0	265	230	300	15	4.0	260	260	200	314	473
132M	216	178	89	38	80	10	33	132	12	165	130	200	M10	4.0	265	230	300	15	4.0	260	260	200	314	505
160M	254	210	108	42	110	12	37	160	15	215	180	250	M12	4.0	300	250	350	18.5	5.0	304	315	242	402	609
160L	254	210	108	42	110	12	37	160	15	215	180	250	M12	4.0	300	250	350	18.5	5.0	304	315	242	402	653

Fully auto transduce and velometer and Uniform pressure control firecontro Daily life water provide equipment



TRAIT AND FEATURES

The mechatronic design of the water pumps boasts a compact structure, exceptional versatility, and high reliability, ensuring efficient operation. These pumps offer a notable energy-saving effect, effectively prevent secondary pollution, and enhance water quality. Furthermore, they impose minimal shock on residents, significantly prolonging the service life of associated equipment.

USAGE SCOPE

The system provides variable frequency constant pressure variable automatic water supply, catering to the needs of industrial applications, HVAC (heating, ventilation, and air conditioning) systems, as well as heating and other automatic water supply systems for both cold and hot water. It is also suitable for automatic sprinkler irrigation, oil field operations, and the transportation of various liquids. Additionally, the system offers automatic water supply solutions for garden sprinklers, decorative water landscapes, and musical fountains.

TECHNOLOGY PARAMETER

Flow: 0–1800m³/h
Pressrue: 0–2.7mpa
Controlling power: 0.18–250kw
Controlling pressure precision: ±0.02mpa



JJI SERIES FROM PAIR AND DECOMPRESS START CONTROLLING CABINET



TRAIT AND FEATURES

The system is equipped with an automatic autotransformer that facilitates reduced voltage starting for induction motors, enabling smoother acceleration and controlled stopping of the motors. It incorporates comprehensive protection features, including short circuit, phase loss, and overload protection for the motors. Additionally, the system offers enhanced over-temperature protection and leakage protection for the oil chamber of water pumps.

USAGE SCOPE

The system features automatic control for both domestic and industrial water supply and drainage systems, encompassing fire fighting applications, as well as the operation of sprinkler and booster pumps. It also includes the management of air-conditioning cold and hot water circulation pumps, and provides control and starting functions for other alternating current (AC) motors.

TECHNOLOGY PARAMETER

Controlling power: 15–110KW
Controlling voltage: 380V
Controlling pump number: 1–5 sets

BPS SERIES FULLY AUTO TRANSDUCE AND TELOMETER AND UNIFORM PRESSURE WATER PROVIDE EQUIPMENT



TRAIT AND FEATURES

Utilizing premium imported components, this unit is meticulously assembled to ensure superior quality, incorporating PC-based intelligent automation for a fully autonomous operation. It boasts optimized component integration and exhibits a pronounced energy-saving effect within the high-efficiency spectrum.

USAGE SCOPE

Various water supply and drainage pumps feature stepless speed regulation, while motors benefit from open-loop and closed-loop automatic control for seamless current conversion and variable speed adjustment. Additionally, these motors are equipped with step control for smooth acceleration and deceleration during startup and shutdown sequences.

TECHNOLOGY PARAMETER

Controlling power: 0.18–250KW
Controlling voltage: 380V
Controlling pump number: 1–7 sets
Controlling pressure precision: 1–5 sets

QZD SERIES PUMP CONTROLLING CABIENT



TRAIT AND FEATURES

The system is capable of executing automatic voltage reduction startup for induction motors via an auto-transformer, facilitating controlled acceleration and deceleration of the motors, while offering comprehensive protection against short circuits, phase loss, and overload conditions. Moreover, it includes auxiliary safeguards such as over-temperature protection and oil chamber leakage protection for water pumps.

USAGE SCOPE

The system features automatic control for both domestic and industrial water supply and drainage systems, encompassing fire fighting applications, as well as the operation of sprinkler and booster pumps. It also includes the management of air-conditioning cold and hot water circulation pumps, and provides control and starting functions for other alternating current (AC) motors.

TECHNOLOGY PARAMETER

Controlling power: 15–110KW
Controlling voltage: 380V
Controlling pump number: 1–5 sets

QJX STAR TRIDENT AND SELF-STARTER CONTROLLING CABIENT



TRAIT AND FEATURES

The control unit boasts a full suite of control functionalities, including an array of modes such as liquid level, pressure, temperature, timing, and interlock settings. It also features an extensive set of motor protection capabilities with diverse detection systems for conditions like short circuit, phase loss, overload, leakage, and overtemperature. Designed with practicality in mind, the unit exhibits a rational design, a compact structure, and offers an economical and pragmatic solution.

USAGE SCOPE

The system features automatic control for both domestic and industrial water supply and drainage systems, encompassing fire fighting applications, as well as the operation of sprinkler and booster pumps. It also includes the management of air-conditioning cold and hot water circulation pumps, and provides control and starting functions for other alternating current (AC) motors.

TECHNOLOGY PARAMETER

Controlling power: 15–110KW
Controlling voltage: 380V
Controlling pump number: 1–5sets