



QJ/QS 系列潜水泵 QJ/QS SERIES SUBMERSIBLE PUMP

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公司简介

神龙泵业是一家集科研，生产，经营为一体的大型现代化给排水设备生产企业。公司成立于1986年，占地总面积超过660000平方米，目前拥有300多套专业化生产设备，并配置了国际B级标准的计算机水泵测试中心。

我们的主要产品包括：深井泵，喷泉泵，污水泵，管道增压泵，中开泵，多级离心泵等等，年产量超过11万台。

我司生产的水泵被广泛用于农田灌溉，供水工程，污水处理，喷泉景观，工程建筑，市政建设等行业和领域，并长期为国家重点工程项目配套设施。

公司目前在国内外已经建立了50多家分支机构，热诚期待与各国业界同仁竭诚合作，为当地水泵用户提供优质高效的本地化服务。

ENTERPRISE PROFILE

Zhengzhou Shenlong (APK) Pump Industry Co.,Ltd is one of the largest modern enterprises which include research and development (R&D), prototype design, product testing, advanced industrial production and excellent operation. Shenlong Pump created in the 1980s, total land area is over 660000 square meters and have more than 300 sets of equipment, the allocation of B-level exceeds the national standard of computer pump testing centers.

The main products includes submersible deep well pumps, fountain pumps, sewage pumps, pipeline booster pumps, split-case pumps, multistage centrifugal pumps etc, the annual output is more than 110,000 units.

Our pumps are widely used in irrigation, water supply project, wastewater treatment, fountain landscape, engineering construction, municipal construction, etc. Continuous supplying pumps for national key projects for a long time.

Shenlong Pump (APK) has more than 50 branches in domestic and abroad, we are looking for business partners all over the world, welcome to join us!



- 2018 在全球范围内寻找合作伙伴
Looking for business partners around the world
- 2017 引进蜡模工艺，扩大不锈钢水泵生产规模
Introduce wax casing mold, enlarging stainless steel pump production scale
- 2016 创建海外分公司
Build branches abroad
- 2015 注册资金达一亿两千五百万
Increase to 125 million registered capital
- 2012 国内业务扩大，已成立50多家分支机构
Expand more than 50 branches in domestic
- 2010 海外“APK”品牌诞生
Create oversea "APK" brand, means Asia Power Kinetic
- 2009 引进先进的消失模技术
Introduce the EPC technology
- 2007 获得“河南省免检产品”称号
Obtain "Henan inspection-free product" title
- 2005 通过CE, ISO9001, 3C认证
Pass the CE, ISO9001, CCC certificates
- 2001 新增80台生产设备
Add 80 sets new production equipments
- 1996 创建“神武”品牌
Create "SHENWU" brand
- 1986 成立
Establish



荣誉证书

ENTERPRISE HONOR



TUV证书
TUV CERTIFICATE



BV证书
BV CERTIFICATE



ISO14001认证
ISO14001 CERTIFICATE



CE认证
CE CERTIFICATE



ISO9001认证
ISO 9001 CERTIFICATE



OHSAS 18001认证
OHSAS 18001 CERTIFICATE



产品质量免检认证
EXEMPTION FROM QUALITY
SURVEILLANCE INSPECTION



3C认证
CCC CERTIFICATE



中国节能产品认证
CHINA ENERGY
CONSERVATION PRODUCT

工厂展示 FACTORY SHOW

客户来访 CUSTOMERS VISITING



巴基斯坦客户
Pakistan customer

孟加拉客户
Bangladesh customer

英国客户
UK customer

沙特阿拉伯客户
Saudi Arabia customer



阿尔及利亚客户
Algeria customer

塔吉克斯坦客户
Tajikistan customer

摩洛哥客户
Morocco customer

俄罗斯客户
Russia customer



毛里求斯客户
Mauritius customer

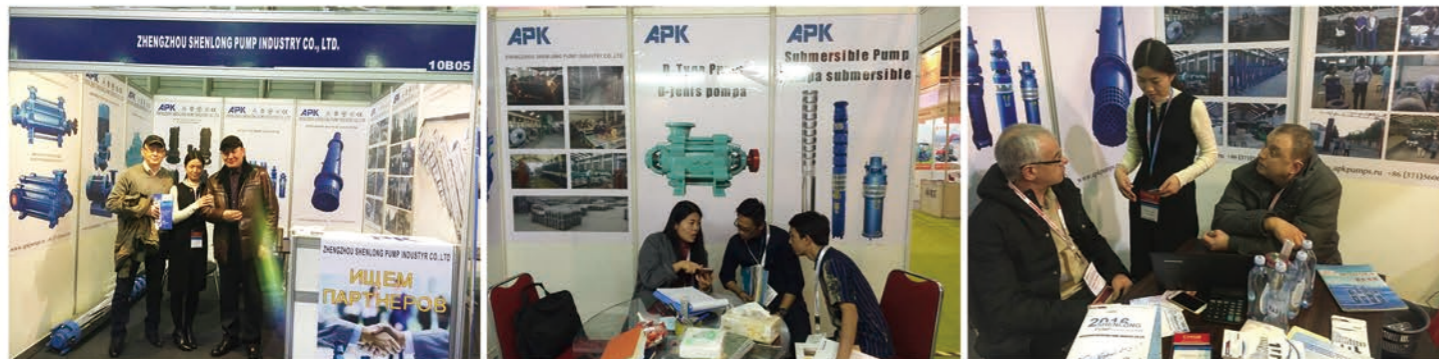
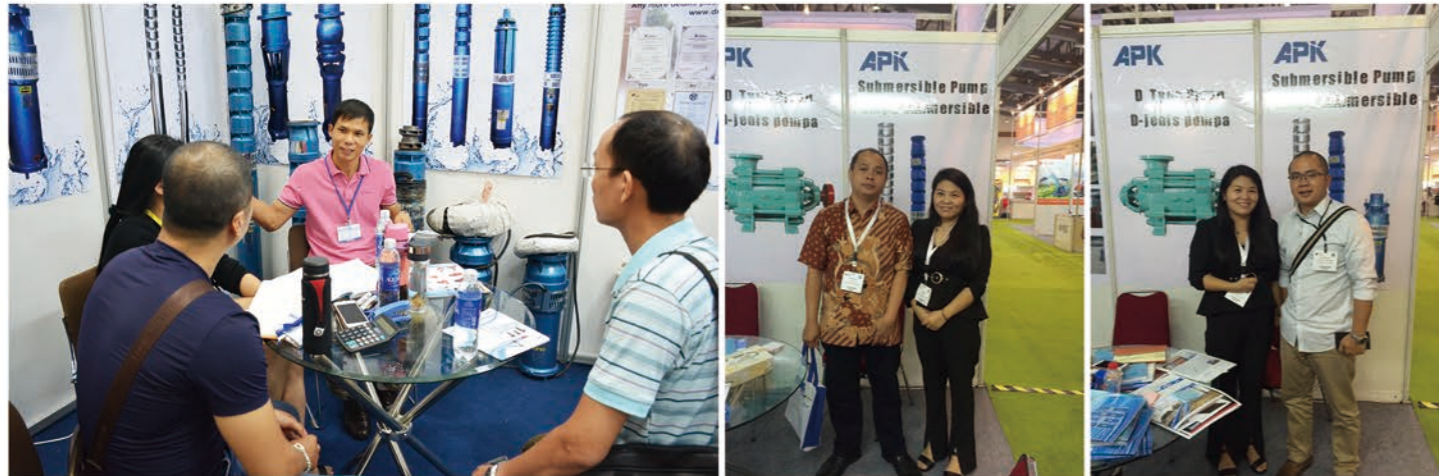
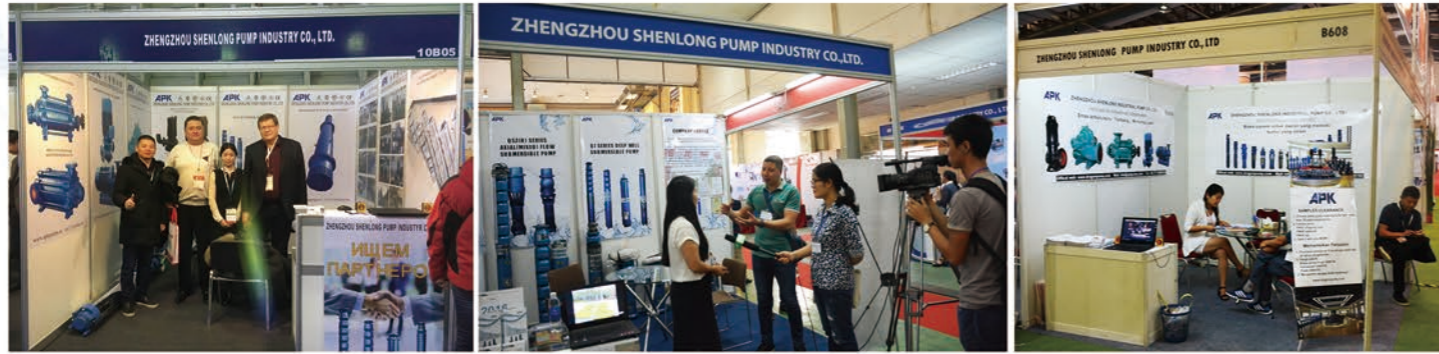
白俄罗斯客户
Belarus customer

伊朗客户
Iran customer

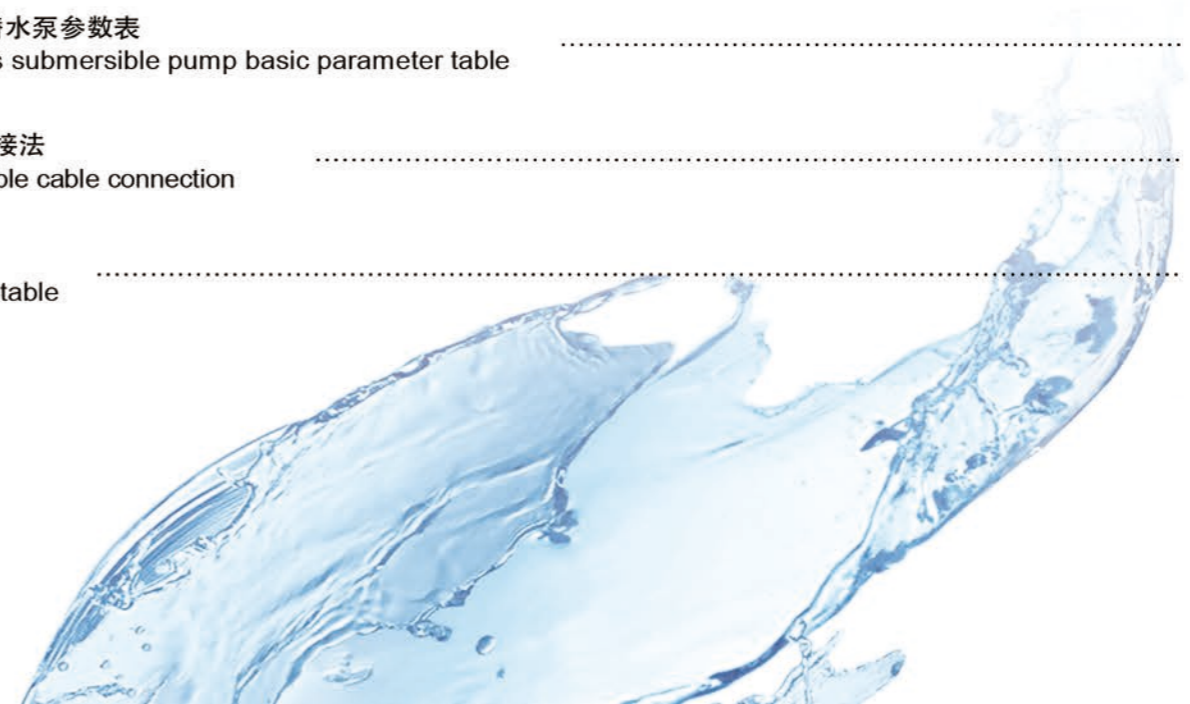
RFL 集团客户
RFL Group customer

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产品介绍 Product Introduction



QJ系列潜水泵包括QJ井用潜水泵，QJH不锈钢潜水泵，QJT底吸式潜水泵以及QJR热水潜水泵。该系列潜水泵被广泛用于深井、河水、海水、湖泊提水，农田灌溉，水产养殖，城市、工矿企业给排水工程，温泉取水，喷泉项目等。

QJ series submersible pump including QJ deep well (borehole) submersible pumps, QJH stainless steel submersible pumps, QJT bottom-suction submerible pumps and QJR hot water submesible pumps. These series submersible pumps are mainly used in drawing water from well, river, sea and lake; farmland/spray irrigation; aquaculture; water supply or drainage system for cities, industrial and mine establishments; drawing water from hot spring; fountain projects and so on.

材质:

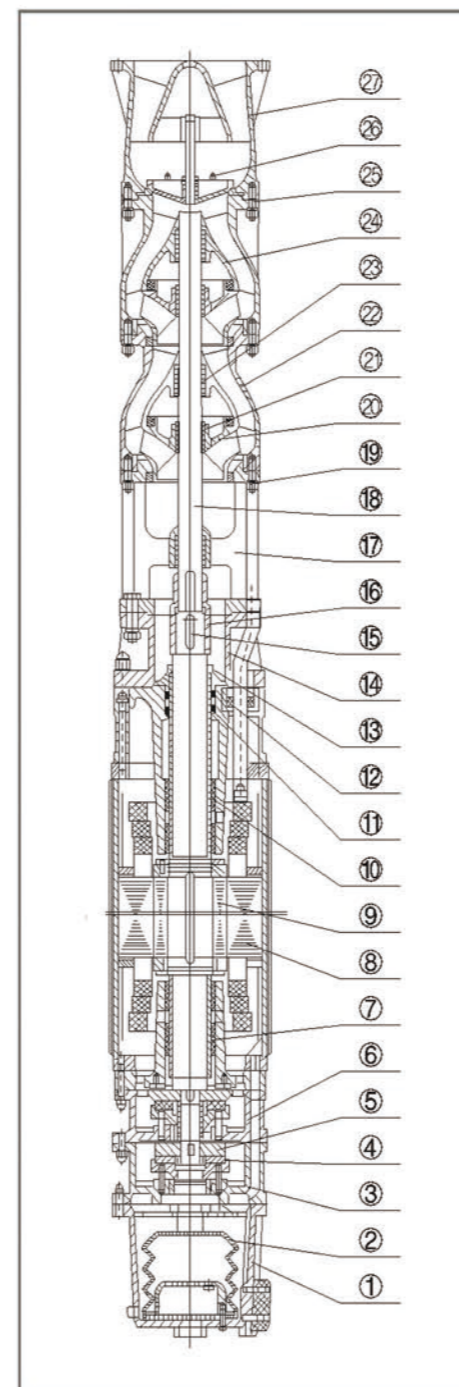
用于普通无腐蚀介质时采用铸铁HT200；
用于轻微或中等腐蚀介质时推荐采用不锈钢304；
用于较重腐蚀介质时推荐采用不锈钢316或不锈钢316L。

Material:

Non-corrosive medium: cast iron HT200;
Mildly or moderately corrosive: stainless steel 304;
Strongly corrosive: stainless steel 316 or stainless steel 316L.

流量/Discharge capacity: 5-2000m ³ /h
扬程/Lift head: 10-600m
电机功率/Motor power: 2.2-410kw
额定电压/Rated voltage: 220/380/460/480/660V
频率/Frequency: 50Hz/60Hz
水泵直径/Pump diameter: φ150-φ600mm
水温/Water temperature: <105℃
杂质含量/Solid content: ≤0.01%
防护等级/Protection class: IP68
绝缘等级/Insulation class: F
材质/Pump material: cast iron, SS 304/316/316L

水泵结构 Pump Structure



注:

- 1.带*符号为易损零件
- 2.材料可根据用户要求提供
- 3.高扬程潜水泵，采用双推力结构承载轴向力。

序号 NO.	名称 Name	材料 Material
1	底座 Base	铸铁, 304/316/316L 不锈钢 Cast iron, 304/316/316L SS
2	调节囊 Regulating membrane	橡胶 Rubber
3	下止推轴承座 Low Thrust Bearing Race	铸铁, 304/316/316L 不锈钢 Cast iron, 304/316/316L SS
4	止推轴承 Thrust Bearing	M202B M202B
5	推力盘 Thrust Plate	3Cr13 3Cr13
6	止推轴承座 Thrust Bearing Race	铸铁, 304/316/316L 不锈钢 Cast iron, 304/316/316L SS
7	下导轴承 Low Guide Bearing	石墨/石棉铁 Graphite/Asbestos iron
8	定子部件 Stator Component	硅钢 Silicon steel
9	转子部件 Rotor Component	不锈钢 Stainless steel
10	上导轴承 Upper Guide Bearing	石墨/石棉铁 Graphite/Asbestos iron
11	骨架油封 Framenwork Oil Seal	橡胶X Rubber X
12	压盖 Gland	3Cr13 3Cr13
13	甩砂环 Rejection of Sanding	3Cr13 3Cr13
14	法兰 Flange	铸铁, 304/316/316L 不锈钢 Cast iron, 304/316/316L SS
15	键 Flat Key	35#钢 35#Steel
16	联轴器 Coupling	不锈钢 Stainless Steel
17	进水节 Inlet Section	铸铁, 304/316/316L 不锈钢 Cast iron, 304/316/316L SS
18	叶轮轴 Impeller Shaft	不锈钢 Stainless steel
19	密封环 Sealing Ring	不锈钢* Stainless steel *
20	叶轮 Impeller	铸铁, 304/316/316L 不锈钢 Cast iron, 304/316/316L SS
21	锥形套 Conical Socket	45#钢或3Cr13 45#steel or 3Cr13
22	导流壳 Pump Bowl	铸铁, 304/316/316L 不锈钢 Cast iron, 304/316/316L SS
23	橡胶轴承 Rubber Shaft	橡胶* Rubber *
24	上导流壳 Diversion Shell	铸铁, 304/316/316L 不锈钢 Cast iron, 304/316/316L SS
25	缓冲垫 Bumper	橡胶 Rubber
26	逆止阀 Check Valve	不锈钢 Stainless Steel
27	逆止阀体 Non-return Valve Body	铸铁, 304/316/316L 不锈钢 Cast iron, 304/316/316L SS

Remarks:

1. The parts with* are quick-wear parts
2. Pump material can be changed based on your request
3. High head submersible water pump.

基本参数表 Basic Parameter Table

型号 Model	电机功率 Motor Power		流量范围 Flow Range	扬程范围 Head Range	电缆 Cable	出口尺寸 Outlet Size	额定电流 Rated Current	功率因数 Power Factor
	kW	hp						
QJ Series	kW	hp	m³/h	m	mm²	Inch (")	A	cosφ
175QJ10-40/3	2.2	3	9-11	32-48	3*1.5	1.2"	5.7	0.83
175QJ10-54/4	3	4	9-11	44-64	3*1.5	1.2"	7.8	0.79
175QJ10-65/5	4	5	9-11	52-78	3*1.5	1.2"	10.1	0.79
175QJ10-81/6	4	5	9-11	65-97	3*1.5	1.2"	10.1	0.79
175QJ10-95/7	5.5	7	9-11	76-114	3*2.5	1.2"	13.6	0.80
175QJ10-108/8	5.5	7	9-11	86-128	3*2.5	1.2"	13.6	0.80
175QJ10-121/9	7.5	10	9-11	96-140	3*4	1.2"	18.4	0.80
175QJ10-135/10	9.2	13	9-11	130-140	3*4	1.2"	22.1	0.81
175QJ10-150/11	9.2	13	9-11	144-146	3*4	1.2"	22.1	0.81
175QJ10-165/12	11	15	9-11	158-172	3*4	1.2"	26.1	0.81
175QJ10-180/13	11	15	9-11	173-187	3*4	1.2"	26.1	0.81
175QJ10-195/14	13	18	9-11	187-203	3*6	1.2"	30.1	0.82
175QJ10-210/15	13	18	9-11	201-219	3*6	1.2"	30.1	0.82
175QJ10-225/16	13	18	9-11	216-234	3*6	1.2"	30.1	0.82
175QJ10-240/17	15	20	9-11	230-250	3*6	1.2"	34.7	0.82
175QJ10-255/18	15	20	9-11	245-265	3*6	1.2"	34.7	0.82
175QJ15-26/2	2.2	3	13-17	21-31	3*1.5	1.5"	5.7	0.83
175QJ15-39/3	3	4	13-17	31-46	3*1.5	1.5"	7.8	0.79
175QJ15-54/4	4	5	13-17	43-64	3*1.5	1.5"	10.1	0.79
175QJ15-65/5	5.5	7	13-17	52-78	3*2.5	1.5"	13.6	0.80
175QJ15-80/6	7.5	10	13-17	64-96	3*4	1.5"	18.4	0.80
175QJ20-30/2	3	4	18-22	24-36	3*1.5	2"	7.8	0.79
175QJ20-40/3	4	5	18-22	32-48	3*1.5	2"	10.1	0.79
175QJ20-54/4 short	5.5	7	18-22	46-63	3*2.5	2"	13.6	0.80
175QJ20-54/4 high	5.5	7	18-22	46-63	3*2.5	2"	18.4	0.80
175QJ20-65/5 high	7.5	10	18-22	56-75	3*4	2"	18.4	0.80
175QJ20-65/5 short	7.5	10	18-22	45-75	3*4	2"	22.1	0.81
175QJ20-78/6 high	7.5	10	18-22	67-90	3*4	2"	26.1	0.81
175QJ20-81/6 high	9.2	13	18-22	67-90	3*4	2"	30.1	0.82
175QJ20-81/6 short	9.2	13	18-22	67-90	3*4	2"	34.7	0.82
175QJ20-91/7	9.2	13	18-22	78-105	3*4	2"	34.7	0.82
175QJ20-104/8	11	15	18-22	89-120	3*4	2"	42.6	0.82
175QJ20-117/9	13	18	18-22	100-135	3*6	2"	42.6	0.82
175QJ20-130/10	15	20	18-22	110-150	3*6	2"	42.6	0.82
175QJ20-143/11	15	20	18-22	120-165	3*6	2"	49.7	0.83

基本参数表 Basic Parameter Table

型号 Model	电机功率 Motor Power		流量范围 Flow Range	扬程范围 Head Range	电缆 Cable	出口尺寸 Outlet Size	额定电流 Rated Current	功率因数 Power Factor
	kW	hp						
QJ Series	kW	hp	m³/h	m	mm²	Inch (")	A	cosφ
175QJ25-65/5	7.5	10	23-27	53-76	3*4	2"	18.4	0.80
175QJ25-78/6	9.2	13	23-27	66-92	3*4	2"	22.1	0.81
175QJ25-91/7	11	15	23-27	75-105	3*4	2"	26.1	0.81
175QJ25-104/8	13	18	23-27	98-118	3*6	2"	30.1	0.82
175QJ25-117/9	15	20	23-27	100-135	3*6	2"	34.7	0.82
175QJ25-130/10	15	20	23-27	110-150	3*6	2"	34.7	0.82
175QJ32-24/2	4	5	29-35	19-28	3*1.5	3"	10.1	0.79
175QJ32-36/3	5.5	7	29-35	28-42	3*2.5	3"	13.6	0.80
175QJ32-48/4	7.5	10	29-35	40-56	3*4	3"	18.4	0.80
175QJ32-60/5	9.2	13	29-35	50-70	3*4	3"	22.1	0.81
175QJ32-72/6	11	15	29-35	60-80	3*4	3"	26.1	0.81
175QJ32-84/7	13	18	29-35	71-96	3*6	3"	30.1	0.82
175QJ32-96/8	15	20	29-35	82-110	3*6	3"	34.7	0.82
175QJ32-108/9	15	20	29-35	82-123	3*6	3"	34.7	0.82
175QJ40-24/2	5.5	7	37-43	19-28	3*2.5	3"	13.6	0.80
175QJ40-36/3	7.5	10	37-43	28-42	3*4	3"	18.4	0.80
175QJ40-48/4	9.2	13	37-43	40-56	3*4	3"	22.1	0.81
175QJ40-60/5	11	15	37-43	50-70	3*4	3"	26.1	0.81
175QJ40-72/6	13	18	37-43	60-82	3*6	3"	30.1	0.82
175QJ40-84/7	15	20	37-43	71-96	3*6	3"	34.7	0.82
175QJ50-24/2	5.5	7	46-54	19-28	3*2.5	3"	13.6	0.80
175QJ50-36/3	7.5	10	46-54	28-42	3*4	3"	18.4	0.80
175QJ50-48/4	11	15	46-54	40-56	3*4	3"	26.1	0.81
175QJ50-60/5	13	18	46-54	50-70	3*6	3"	30.1	0.82
175QJ50-72/6	15	20	46-54	60-82	3*6	3"	34.7	0.82
200QJ15-26/2	2.2	3	13-17	23-29	3*1.5	3"	5.6	0.83
200QJ15-39/3	3	4	13-17	34-46	3*1.5	3"	7.9	0.83
200QJ15-54/4	4	5	13-17	46-62	3*1.5	3"	10.1	0.79
200QJ15-65/5	5.5	7	13-17	55-75	3*2.5	3"	13.6	0.80
200QJ15-81/6	7.5	10	13-17	68-92	3*4	3"	18	0.81
200QJ20-30/2	3	4	18-22	22-33	3*1.5	3"	7.9	0.83
200QJ20-40/3	4	5	18-22	32-48	3*1.5	3"	10.1	0.79
200QJ20-54/4 short	5.5	7	18-22	45-64	3*2.5	3"	13.6	0.80
200QJ20-54/4 high	5.5	7	18-22	45-64	3*2.5	3"	13.6	0.80

基本参数表 Basic Parameter Table

型号 Model	电机功率 Motor Power		流量范围 Flow Range	扬程范围 Head Range	电缆 Cable	出口尺寸 Outlet Size	额定电流 Rated Current	功率因数 Power Factor
	kW	hp						
QJ Series	kW	hp	m³/h	m	mm²	Inch (")	A	cosφ
200QJ20-65/5 short	7.5	10	18-22	55-75	3*4	3"	18	0.81
200QJ20-65/5 high	7.5	10	18-22	55-75	3*4	2"	18	0.81
200QJ20-81/6 short	10	14	18-22	66-94	3*4	2"	24.7	0.82
200QJ20-81/6 high	10	14	18-22	66-94	3*4	2"	24.7	0.82
200QJ20-93/7	10	14	18-22	79-107	3*4	2"	24.7	0.82
200QJ20-108/8	13	18	18-22	92-125	3*6	2"	29.7	0.83
200QJ20-121/9	13	18	18-22	103-140	3*6	2"	29.7	0.83
200QJ20-135/10	15	20	18-22	115-156	3*6	2"	33.9	0.83
200QJ20-148/11	15	20	18-22	126-170	3*6	2"	33.9	0.83
200QJ20-162/12	18.5	25	18-22	138-187	3*10	2"	41.6	0.83
200QJ20-175/13	18.5	25	18-22	150-210	3*10	2"	41.6	0.83
200QJ20-189/14	22	30	18-22	160-217	3*10	2"	48.2	0.84
200QJ20-202/15	22	30	18-22	172-232	3*10	2"	48.2	0.84
200QJ20-216/16	25	34	18-22	184-249	3*10	2"	54.5	0.84
200QJ20-230/17	25	34	18-22	195-265	3*10	2"	54.5	0.84
200QJ20-243/18	25	34	18-22	206-280	3*10	2"	54.5	0.84
200QJ20-256/19	30	41	18-22	218-295	3*16	2"	65.4	0.84
200QJ20-270/20	30	41	18-22	230-310	3*16	2"	65.4	0.84
200QJ20-283/21	30	41	18-22	240-325	3*16	2"	79.7	0.84
200QJ20-297/22	37	50	18-22	252-341	3*16	2"	79.7	0.84
200QJ20-310/23	37	50	18-22	265-356	3*16	2"	79.7	0.84
200QJ20-324/24	37	50	18-22	275-372	3*16	2"	79.7	0.84
200QJ20-338/25	37	50	18-22	287-388	3*16	2"	79.7	0.84
200QJ20-351/26	45	61	18-22	298-403	3*25	2"	96.9	0.84
200QJ20-365/27	45	61	18-22	310-420	3*25	2"	96.9	0.84
200QJ20-378/28	45	61	18-22	320-435	3*25	2"	96.9	0.84
200QJ20-391/29	45	61	18-22	330-450	3*25	2"	96.9	0.84
200QJ20-405/30	45	61	18-22	345-465	3*25	2"	96.9	0.84
200QJ25-42/3	5.5	7	23-27	40-44	3*2.5	2"	13.6	0.80
200QJ25-56/4	7.5	10	23-27	45-67	3*4	2"	18	0.81
200QJ25-70/5	9.2	13	23-27	56-84	3*4	2"	21.7	0.82
200QJ25-84/6	11	15	23-27	67-100	3*4	2"	25.8	0.82
200QJ25-98/7	11	15	23-27	84-112	3*4	2"	25.8	0.82
200QJ25-112/8	13	18	23-27	96-129	3*6	2"	29.7	0.83

基本参数表 Basic Parameter Table

型号 Model	电机功率 Motor Power		流量范围 Flow Range	扬程范围 Head Range	电缆 Cable	出口尺寸 Outlet Size	额定电流 Rated Current	功率因数 Power Factor
	kW	hp						
QJ Series	kW	hp	m³/h	m	mm²	Inch (")	A	cosφ
200QJ25-126/9	15	20	23-27	100-145	3*6	2"	33.9	0.83
200QJ25-140/10	18.5	25	23-27	110-161	3*10	2"	41.6	0.83
200QJ25-154/11	18.5	25	23-27	138-184	3*10	2"	41.6	0.83
200QJ25-168/12	22	30	23-27	140-195	3*10	2"	48.2	0.84
200QJ25-182/13	22	30	23-27	150-210	3*10	2"	48.2	0.84
200QJ25-196/14	25	34	23-27	160-225	3*10	2"	54.5	0.84
200QJ25-210/15	25	34	23-27	180-240	3*10	2"	54.5	0.84
200QJ25-224/16	30	41	23-27	190-258	3*16	2"	65.4	0.84
200QJ25-238/17	30	41	23-27	200-275	3*16	2"	65.4	0.84
200QJ25-252/18	30	41	23-27	210-290	3*16	2"	65.4	0.84
200QJ25-266/19	37	50	23-27	220-305	3*16	2"	79.7	0.84
200QJ25-280/20	37	50	23-27	230-322	3*16	2"	79.7	0.84
200QJ25-294/21	37	50	23-27	250-340	3*16	2"	79.7	0.84
200QJ25-308/22	37	50	23-27	260-355	3*16	2"	79.7	0.84
200QJ32-16/1	3	4	29-35	12-19	3*1.5	3"	7.9	0.78
200QJ32-26/2	4	5	29-35	21-31	3*1.5	3"	10.1	0.79
200QJ32-32/2	5.5	7	29-35	25-38	3*2.5	3"	10.1	0.79
200QJ32-39/3	5.5	7	29-35	32-47	3*2.5	3"	13.6	0.80
200QJ32-48/3	7.5	10	29-35	38-58	3*4	3"	13.6	0.80
200QJ32-52/4	7.5	10	29-35	42-62	3*4	3"	18	0.81
200QJ32-64/4	10	14	29-35	54-77	3*4	3"	24.7	0.82
200QJ32-65/5	10	14	29-35	52-78	3*4	3"	24.7	0.82
200QJ32-78/6	13	18	29-35	53-94	3*6	3"	29.7	0.83
200QJ32-80/5	13	18	29-35	66-96	3*6	3"	29.7	0.83
200QJ32-91/7	15	20	29-35	73-108	3*6	3"	33.9	0.83
200QJ32-96/6	15	20	29-35	77-115	3*6	3"	33.9	0.83
200QJ32-104/8	18.5	25	29-35	84-125	3*10	3"	41.6	0.83
200QJ32-112/7	18.5	25	29-35	90-132	3*10	3"	41.6	0.83
200QJ32-117/9	18.5	25	29-35	94-140	3*10	3"	48.2	0.83
200QJ32-128/8	22	30	29-35	106-150	3*10	3"	48.2	0.84
200QJ32-130/10	22	30	29-35	108-155	3*10	3"	48.2	0.84
200QJ32-143/11	22	30	29-35	121-170	3*10	3"	48.2	0.84
200QJ32-144/9	22	30	29-35	123-172	3*10	3"	54.5	0.84

基本参数表 Basic Parameter Table

型号 Model	电机功率 Motor Power		流量范围 Flow Range	扬程范围 Head Range	电缆 Cable	出口尺寸 Outlet Size	额定电流 Rated Current	功率因数 Power Factor
	kW	hp						
QJ Series	kW	hp	m³/h	m	mm²	Inch (")	A	cosφ
200QJ32-156/12	25	34	29-35	132-180	3*10	3"	54.5	0.84
200QJ32-160/10	25	34	29-35	136-184	3*10	3"	54.5	0.84
200QJ32-169/13	25	34	29-35	144-195	3*10	3"	65.4	0.84
200QJ32-176/11	30	41	29-35	148-203	3*16	3"	65.4	0.84
200QJ32-182/14	30	41	29-35	154-210	3*16	3"	65.4	0.84
200QJ32-192/12	30	41	29-35	164-221	3*16	3"	79.7	0.84
200QJ32-195/15	30	41	29-35	166-225	3*16	3"	79.7	0.84
200QJ32-208/13	37	50	29-35	177-240	3*16	3"	79.7	0.84
200QJ32-221/17	37	50	29-35	188-255	3*16	3"	79.7	0.84
200QJ32-224/14	37	50	29-35	190-258	3*16	3"	79.7	0.84
200QJ32-234/18	37	50	29-35	199-270	3*16	3"	79.7	0.84
200QJ32-240/15	37	50	29-35	204-276	3*16	3"	96.9	0.84
200QJ32-247/19	45	61	29-35	210-284	3*25	3"	96.9	0.84
200QJ32-256/16	45	61	29-35	217-265	3*25	3"	96.9	0.84
200QJ32-260/20	45	61	29-35	226-299	3*25	3"	96.9	0.84
200QJ32-272/17	45	61	29-35	232-313	3*25	3"	96.9	0.84
200QJ32-273/21	45	61	29-35	232-313	3*25	3"	96.9	0.84
200QJ32-286/22	45	61	29-35	244-328	3*25	3"	96.9	0.84
200QJ32-288/18	45	61	29-35	245-330	3*25	3"	96.9	0.84
200QJ40-30/2	5.5	7	37-43	22-31	3*2.5	3"	13.6	0.80
200QJ40-39/3	7.5	10	37-43	34-46	3*4	3"	18	0.81
200QJ40-45/3	7.5	10	37-43	32-48	3*4	3"	18	0.81
200QJ40-52/4	10	14	37-43	45-62	3*4	3"	21.7	0.82
200QJ40-65/5	13	18	37-43	56-77	3*6	3"	29.7	0.83
200QJ40-78/6	15	20	37-43	67-93	3*6	3"	33.9	0.83
200QJ40-91/7	18.5	25	37-43	78-108	3*10	3"	41.6	0.83
200QJ40-104/8	18.5	25	37-43	89-124	3*10	3"	41.6	0.83
200QJ40-117/9	22	30	37-43	94-140	3*10	3"	48.2	0.84
200QJ40-130/10	25	34	37-43	114-155	3*10	3"	54.5	0.84
200QJ40-143/11	25	34	37-43	121-170	3*10	3"	54.5	0.84
200QJ40-156/12	30	41	37-43	132-180	3*16	3"	65.4	0.84
200QJ40-169/13	30	41	37-43	144-201	3*16	3"	65.4	0.84
200QJ40-182/14	37	50	37-43	154-214	3*16	3"	79.7	0.84
200QJ40-195/15	37	50	37-43	166-232	3*16	3"	79.7	0.84
200QJ40-208/16	37	50	37-43	177-247	3*16	3"	79.7	0.84

备注：接受客户特殊定制。

Note: Customized is acceptable.

基本参数表 Basic Parameter Table

型号 Model	电机功率 Motor Power		流量范围 Flow Range	扬程范围 Head Range	电缆 Cable	出口尺寸 Outlet Size	额定电流 Rated Current	功率因数 Power Factor
	kW	hp						
QJ Series	kW	hp	m³/h	m	mm²	Inch (")	A	cosφ
200QJ40-221/17	45	61	37-43	195-255	3*25	3"	96.9	0.84
200QJ40-234/18	45	61	37-43	206-277	3*25	3"	96.9	0.84
200QJ50-15/1	4	5	46-54	40530	3*1.5	3"	10.1	0.79
200QJ50-26/2	5.5	7	46-54	21-31	3*2.5	3"	13.6	0.80
200QJ50-30/2	7.5	10	46-54	24-36	3*4	3"	18	0.81
200QJ50-39/3	10	14	46-54	31-47	3*4	3"	24.7	0.82
200QJ50-45/3	10	14	46-54	36-54	3*4	3"	24.7	0.82
200QJ50-52/4	13	18	46-54	42-62	3*6	3"	29.7	0.83
200QJ50-60/4	15	20	46-54	48-72	3*6	3"	33.9	0.83
200QJ50-65/5	15	20	46-54	52-78	3*6	3"	33.9	0.83
200QJ50-75/5	18.5	25	46-54	60-90	3*10	3"	41.6	0.83
200QJ50-78/6	18.5	25	46-54	63-93	3*10	3"	41.6	0.83
200QJ50-90/6	22	30	46-54	72-108	3*10	3"	48.2	0.84
200QJ50-91/7	22	30	46-54	73-110	3*10	3"	48.2	0.84
200QJ50-104/8	25	34	46-54	84-124	3*10	3"	54.5	0.84
200QJ50-105/7	25	34	46-54	84-126	3*10	3"	54.5	0.84
200QJ50-117/9	25	34	46-54	94-140	3*10	3"	54.5	0.84
200QJ50-120/8	30	41	46-54	96-144	3*16	3"	65.4	0.84
200QJ50-130/10	30	41	46-54	104-156	3*16	3"	65.4	0.84
200QJ50-135/9	30	41	46-54	119-162	3*16	3"	65.4	0.84
200QJ50-143/11	37	50	46-54	121-165	3*16	3"	79.7	0.84
200QJ50-150/10	37	50	46-54	128-173	3*16	3"	79.7	0.84
200QJ50-156/12	37	50	46-54	132-180	3*16	3"	79.7	0.84
200QJ50-165/11	37	50	46-54	140-190	3*16	3"	79.7	0.84
200QJ50-169/13	37	50	46-54	143-195	3*16	3"	79.7	0.84
200QJ50-180/12	45	61	46-54	153-207	3*25	3"	96.9	0.84
200QJ50-182/14	45	61	46-54	154-210	3*25	3"	96.9	0.84
200QJ50-195/13	45	61	46-54	165-225	3*25	3"	96.9	0.84
200QJ50-195/15	45	61	46-54	165-225	3*25	3"	96.9	0.84
200QJ63-28/2	7.5	10	58-68	24-33	3*4	3"	18	0.81
200QJ63-42/3	10	14	58-68	36-49	3*4	3"	25.8	0.82
200QJ63-56/4	15	20	58-68	48-65	3*6	3"	33.9	0.83
200QJ63-70/5	22	30	58-68	60-82	3*16	3"	48.2	0.84
200QJ63-84/6	25	34	58-68	72-96	3*10	3"	54.5	0.84

备注：接受客户特殊定制。

Note: Customized is acceptable.

基本参数表 Basic Parameter Table

型号 Model	电机功率 Motor Power		流量范围 Flow Range	扬程范围 Head Range	电缆 Cable	出口尺寸 Outlet Size	额定电流 Rated Current	功率因数 Power Factor
	kW	hp						
QJ Series	kW	hp	m³/h	m	mm²	Inch (")	A	cosφ
200QJ63-98/7	30	41	58-68	84-114	3*16	3"	65.4	0.84
200QJ63-112/8	30	41	58-68	93-131	3*16	3"	65.4	0.84
200QJ63-126/9	37	50	58-68	100-147	3*16	3"	79.7	0.84
200QJ63-140/10	45	61	58-68	120-164	3*25	3"	96.9	0.84
200QJ63-154/11	45	61	58-68	130-180	3*25	3"	96.9	0.84
200QJ80-11/1	4	5	74-86	8-14	3*1.5	4"	10.1	0.79
200QJ80-22/2	7.5	10	74-86	19-25	3*4	4"	18	0.81
200QJ80-33/3	13	18	74-86	28-37	3*6	4"	29.7	0.83
200QJ80-44/4	15	20	74-86	37-50	3*6	4"	33.9	0.83
200QJ80-55/5	18.5	25	74-86	47-63	3*10	4"	41.6	0.83
200QJ80-66/6	22	30	74-86	56-75	3*10	4"	48.2	0.83
200QJ80-77/7	30	41	74-86	66-88	3*16	4"	65.4	0.84
200QJ80-88/8	30	41	74-86	75-101	3*16	4"	65.4	0.84
200QJ80-99/9	37	50	74-86	84-113	3*16	4"	79.7	0.84
200QJ80-110/10	45	61	74-86	95-125	3*25	4"	96.9	0.84
200QJ80-121/11	45	61	74-86	104-138	3*25	4"	96.9	0.84
200QJ100-15/1	7.5	10	80-120	12-16	3*4	4"	18	0.81
200QJ100-30/2	15	20	80-120	26-32	3*6	4"	33.9	0.82
200QJ100-45/3	22	30	80-120	42-47	3*10	4"	48.2	0.84
200QJ100-60/4	30	41	80-120	58-62	3*16	4"	65.4	0.84
200QJ100-75/5	37	50	80-120	72-77	3*16	4"	79.7	0.84
200QJ100-90/6	45	61	80-120	88-92	3*25	4"	96.9	0.84
200QJ100-105/7	45	61	80-120	102-107	3*25	4"	96.9	0.84
250QJ50-20/1	5.5	7	46-54	17-23	3*2.5	3"	13.6	0.85
250QJ50-33/2	7.5	10	46-54	28-38	3*4	3"	18	0.86
250QJ50-40/2	9.2	13	46-54	34-46	3*4	3"	21.7	0.87
250QJ50-60/3	15	20	46-54	51-69	3*6	3"	33.9	0.83
250QJ50-80/4	18.5	25	46-54	68-92	3*10	3"	40.8	0.84
250QJ50-100/5	25	34	46-54	85-115	3*10	3"	53.8	0.84
250QJ50-120/6	30	41	46-54	102-138	3*16	3"	64.2	0.84
250QJ50-140/7	30	41	46-54	119-161	3*16	3"	64.2	0.84
250QJ50-160/8	37	50	46-54	136-184	3*16	3"	77.8	0.85
250QJ50-180/9	45	61	46-54	150-210	3*25	3"	77.8	0.85
250QJ50-200/10	45	61	46-54	170-230	3*25	3"	94.1	0.85

备注：接受客户特殊定制。

Note: Customized is acceptable.

基本参数表 Basic Parameter Table

型号 Model	电机功率 Motor Power		流量范围 Flow Range	扬程范围 Head Range	电缆 Cable	出口尺寸 Outlet Size	额定电流 Rated Current	功率因数 Power Factor
	kW	hp						
QJ Series	kW	hp	m³/h	m	mm²	Inch (")	A	cosφ
250QJ50-220/11	55	75	46-54	187-253m	3*25	3"	114.3	0.85
250QJ50-240/12	55	75	46-54	204-276	3*25	3"	114.3	0.85
250QJ50-260/13	63	86	46-54	230-290	3*25	3"	127.9	0.85
250QJ50-280/14	63	86	46-54	268-322	3*35	3"	127.9	0.85
250QJ50-300/15	63	86	46-54	265-335	3*35	3"	127.9	0.85
250QJ50-320/16	75	102	46-54	272-368	3*35	3"	152.3	0.86
250QJ50-340/17	75	102	46-54	315-375	3*35	3"	152.3	0.86
250QJ50-360/18	90	122	46-54	330-390	3*50	3"	182.8	0.87
250QJ50-380/19	90	122	46-54	350-410	3*50	3"	182.8	0.87
250QJ50-400/20	100	136	46-54	365-430	3*50	3"	203.1	0.87
250QJ63-20/1	5.5	7	58-68	17-23	3*2.5	3"	13.6	0.80
250QJ63-40/2	11	15	58-68	34-46	3*4	3"	25.8	0.82
250QJ63-60/3	18.5	25	58-68	51-69	3*10	3"	40.8	0.84
250QJ63-80/4	22	30	58-68	68-92	3*10	3"	47.9	0.84
250QJ63-100/5	30	41	58-68	75-100	3*16	3"	64.2	0.84
250QJ63-120/6	37	50	58-68	100-138	3*16	3"	77.8	0.85
250QJ63-160/8	45	61	58-68	130-184	3*25	3"	94.1	0.85
250QJ63-200/10	55	75	58-68	170-230	3*25	3"	114.3	0.85
250QJ63-220/11	63	86	58-68	180-253	3*25	3"	127.9	0.85
250QJ63-260/13	75	102	58-68	220-299	3*35	3"	152.3	0.86
250QJ63-300/15	90	122	58-68	205-343	3*50	3"	182.8	0.86
250QJ80-20/1	7.5	10	74-86	17-23	3*4	4"	18	0.85
250QJ80-40/2	15	20	74-86	34-46	3*6	4"	33.9	0.83
250QJ80-60/3	22	30	74-86	51-69	3*10	4"	47.9	0.84
250QJ80-70/4	25	34	74-86	65-75	3*10	4"	64.2	0.84
250QJ80-80/4	30	41	74-86	68-92	3*16	4"	77.8	0.84
250QJ80-100/5	37	50	74-86	85-115	3*16	4"	77.8	0.85
250QJ80-120/6	45	61	74-86	102-138	3*25	4"	94.1	0.85
250QJ80-140/7	55	75	74-86	118-163	3*25	4"	114.3	0.85
250QJ80-160/8	55	75	74-86	136-184	3*25	4"	114.3	0.85
250QJ80-180/9	63	86	74-86	153-207	3*35	4"	127.9	0.86
250QJ80-200/10	75	102	74-86	170-230	3*35	4"	152.3	0.86
250QJ80-220/11	90	122	74-86	190-250	3*35	4"	152.3	0.86
250QJ80-240/12	90	122	74-86	204-276	3*50	4"	182.3	0.86

备注：接受客户特殊定制。

Note: Customized is acceptable.

基本参数表 Basic Parameter Table

型号 Model	电机功率 Motor Power		流量范围 Flow Range	扬程范围 Head Range	电缆 Cable	出口尺寸 Outlet Size	额定电流 Rated Current	功率因数 Power Factor
	kW	hp						
QJ Series	kW	hp	m³/h	m	mm²	Inch (")	A	cosφ
250QJ80-260/13	100	136	74-86	220-280	3*50	4"	203.1	0.86
250QJ80-280/14	110	150	74-86	235-325	3*50	4"	223.4	0.86
250QJ100-18/1	7.5	10	80-120	16-21	3*4	4"	18	0.86
250QJ100-36/2	15	20	80-120	32-42	3*6	4"	33.9	0.83
250QJ100-54/3	25	34	80-120	48-63	3*10	4"	53.8	0.84
250QJ100-72/4	30	41	80-120	64-84	3*16	4"	64.2	0.84
250QJ100-80/5	45	61	80-120	68-92	3*25	4"	94.1	0.85
250QJ100-108/6	45	61	80-120	96-126	3*25	4"	94.1	0.85
250QJ100-126/7	55	75	80-120	110-147	3*25	4"	114.3	0.85
250QJ100-144/8	63	86	80-120	120-168	3*35	4"	127.9	0.85
250QJ100-162/9	75	102	80-120	140-189	3*35	4"	152.3	0.86
250QJ100-198/11	90	122	80-120	170-231	3*50	4"	182.8	0.86
250QJ100-216/12	100	136	80-120	190-252	3*50	4"	203.1	0.86
250QJ125-16/1	9.2	13	116-134	13-19	3*4	5"	21.7	0.87
250QJ125-32/2	18.5	25	116-134	27-37	3*10	5"	40.8	0.84
250QJ125-48/3	25	34	116-134	40-56	3*10	5"	53.8	0.84
250QJ125-64/4	37	50	116-134	54-73	3*16	5"	77.8	0.85
250QJ125-80/5	45	61	116-134	68-92	3*25	5"	94.1	0.85
250QJ125-96/6	55	75	116-134	82-110	3*25	5"	114.3	0.85
250QJ125-112/7	63	86	116-134	95-128	3*35	5"	127.9	0.85
250QJ125-128/8	75	102	116-134	109-147	3*35	5"	152.3	0.86
250QJ125-144/9	90	122	116-134	124-164	3*50	5"	182.8	0.86
250QJ125-160/10	90	122	116-134	136-184	3*50	5"	182.8	0.86
250QJ125-176/11	100	136	116-134	150-202	3*50	5"	203.1	0.86
250QJ125-192/12	110	150	116-134	163-220	3*50	5"	223.4	0.86
250QJ140-15/1	9.2	13	130-150	13-17	3*4	5"	21.7	0.87
250QJ140-22/1	13	18	130-145	17-26	3*6	5"	30.1	0.82
250QJ140-30/2	18.5	25	130-150	26-34	3*10	5"	40.8	0.84
250QJ140-45/3	30	41	130-145	40-52	3*16	5"	64.2	0.84
250QJ140-60/4	37	50	130-150	52-69	3*16	5"	77.8	0.85
250QJ140-75/5	45	61	130-145	65-86	3*25	5"	94.1	0.85
250QJ140-90/6	55	75	130-150	78-103	3*25	5"	114.3	0.85
250QJ140-105/7	63	86	130-145	91-120	3*35	5"	127.9	0.85
250QJ140-120/8	75	102	130-150	104-137	3*35	5"	152.3	0.86

备注：接受客户特殊定制。

Note: Customized is acceptable.

基本参数表 Basic Parameter Table

型号 Model	电机功率 Motor Power		流量范围 Flow Range	扬程范围 Head Range	电缆 Cable	出口尺寸 Outlet Size	额定电流 Rated Current	功率因数 Power Factor
	kW	hp						
QJ Series	kW	hp	m³/h	m	mm²	Inch (")	A	cosφ
250QJ140-135/9	90	122	130-145	114-156	3*50	5"	182.8	0.86
250QJ140-150/10	100	136	130-150	130-171	3*50	5"	203.1	0.86
250QJ140-165/11	110	150	143-188	158-162	3*50	5"	223.4	0.86
250QJ140-180/12	125	170	130-145	156-205	3*50	5"	242	0.87
250QJ160-15/1	13	18	148-172	40530	3*6	5"	30.1	0.82
250QJ160-30/2	22	30	148-172	25-35	3*10	5"	47.9	0.84
250QJ160-45/3	30	41	148-172	38-51	3*16	5"	64.2	0.85
250QJ160-60/4	45	61	148-172	52-69	3*16	5"	94.1	0.85
250QJ160-75/5	55	75	148-172	65-86	3*25	5"	114.3	0.85
250QJ160-90/6	63	86	148-172	77-103	3*35	5"	127.9	0.86
250QJ160-105/7	75	102	148-172	90-120	3*35	5"	152.3	0.86
250QJ160-120/8	90	122	148-172	102-138	3*50	5"	182.8	0.86
250QJ160-135/9	100	136	148-172	115-155	3*50	5"	203.1	0.86
250QJ160-150/10	110	150	186-214	128-170	3*50	5"	222.1	0.87
300QJ200-20/1	18.5	25	186-214	17-23	3*10	6"	41.7	0.84
300QJ200-30/1	25	34	186-214	27-33	3*10	6"	53.8	0.85
300QJ200-40/2	37	50	186-214	35-45	3*16	6"	77.8	0.85
300QJ200-60/3	55	75	186-214	51-69	3*25	6"	115	0.86
300QJ200-80/4	75	102	186-214	68-92	3*35	6"	154.1	0.86
300QJ200-100/5	90	122	186-214	85-115	3*50	6"	183.8	0.87
300QJ200-120/6	110	150	186-214	100-138	3*50	6"	222.1	0.87
300QJ240-22/1	22	30	223-257	18-25	3*10	6"	47.9	0.84
300QJ240-44/2	45	61	223-257	37-51	3*25	6"	94.1	0.85
300QJ240-66/3	75	102	223-257	56-76	3*35	6"	152.3	0.86
300QJ240-88/4	100	136	223-257	75-101	3*50	6"	203.1	0.86
300QJ240-110/5	100	136	223-257	95-125	3*50	6"	203.1	0.87
300QJ300-20/1	25	34	279-321	17-23	3*10	6"	53.8	0.84
300QJ300-40/2	55	75	279-321	35-45	3*25	6"	115	0.85
300QJ300-60/3	75	102	279-321	51-69	3*35	6"	154.1	0.86
300QJ300-80/4	110	150	279-321	68-92	3*50	6"	223.4	0.87
300QJ400-40/1	75	102	368-432	38-42	3*35	8"	152.3	0.86
300QJ400-80/2	160	218	368-432	76-84	3*70	8"	284.4	0.85
300QJ400-120/3	220	299	368-432	117-123	3*95	8"	439.2	0.86

备注：接受客户特殊定制。

Note: Customized is acceptable.

基本参数表 Basic Parameter Table

型号 Model	电机功率 Motor Power		流量范围 Flow Range	扬程范围 Head Range	电缆 Cable	出口尺寸 Outlet Size	额定电流 Rated Current	功率因数 Power Factor
	kW	hp						
QJ Series								
300QJ500-15/1	30	41	460-540	14-16	3*16	8"	64.2	0.84
300QJ500-30/2	75	102	460-540	29-32	3*35	8"	131.7	0.85
300QJ500-45/3	110	150	460-540	43-47	3*50	8"	222.1	0.86
300QJ500-60/4	140	190	460-540	57-63	3*70	8"	249.5	0.87
300QJ500-75/5	185	252	460-540	72-78	3*95	8"	317.5	0.87
300QJ500-90/6	220	299	460-540	87-93	3*95	8"	439.2	0.87
350QJ250-25/1	30	41	233-267	22-28	3*16	6"	64.2	0.85
350QJ250-50/2	63	86	233-267	47-53	3*35	6"	127.9	0.86
350QJ250-75/3	90	122	233-267	72-78	3*50	6"	183.8	0.87
350QJ250-100/4	125	170	233-267	95-105	3*70	6"	242	0.87
350QJ250-125/5	160	218	233-267	120-130	3*95	6"	284.4	0.85
350QJ320-20/1	30	41	305-335	18-22	3*16	8"	64.2	0.85
350QJ320-30/1	45	61	305-335	28-32	3*25	8"	94.1	0.86
350QJ320-40/2	63	86	305-335	38-42	3*35	8"	127.9	0.86
350QJ320-60/2	90	122	305-335	57-63	3*50	8"	183.8	0.87
350QJ320-90/3	140	190	305-335	85-95	3*70	8"	249.5	0.87
350QJ320-120/4	185	252	305-335	115-125	3*95	8"	367.1	0.87
400QJ400-50/1	90	122	388-416	48-52	3*50	8"	183.8	0.87
400QJ500-20/1	45	61	460-540	18-22	3*25	8"	94.1	0.86
400QJ500-40/1	90	122	460-540	38-42	3*50	8"	183.8	0.87
400QJ500-80/2	185	252	460-540	77-83	3*95	8"	367.1	0.87
450QJ800-16/1	75	102	750-850	12-20	3*35	12"	131.7	0.86
450QJ1000-16/1	90	122	900-1200	12-20	3*50	12"	183.8	0.87
500QJ640-28/1	90	122	600-680	26-30	3*50	10"	183.8	0.87
500QJ640-56/2	185	252	600-680	54-58	3*95	10"	367.1	0.87
500QJ640-84/3	260	354	600-680	82-86	3*150	10"	558.2	0.87
550QJ1200-18/1	110	150	1100-1400	15-22	3*50	16"	222.1	0.87
600QJ800-25/1	110	150	750-850	23-27	3*50	12"	222.1	0.87
600QJ800-50/2	220	299	750-850	48-52	3*95	12"	439.2	0.87
600QJ800-75/3	300	408	750-850	73-77	3*185	12"	622.1	0.87
600QJ1000-20/1	110	150	900-1200	18-22	3*50	12"	222.1	0.87
600QJ1000-40/2	220	299	900-1200	38-42	3*95	12"	439.2	0.87
600QJ1000-60/3	300	408	900-1200	58-62	3*185	12"	622.1	0.87

使用条件 Use Conditions

使用条件：

1. 电压偏差不得超过±5%，频率偏差不得超过±1%的三相电源；
2. 电机内腔必须注满清水；
3. 水泵的第一级叶轮至少应浸入动水位面以下2米，水泵机组浸入静水位面以下不得大于70米，电机底部距离井底不得小于3米；
4. 水源出水量应保证水泵连续运转的需求；
5. 如果用于水池使用，必须给电机加装导流罩降温。

Use Conditions:

1. The three-phase power supply voltage deviation does not exceed ±5% and the frequency deviation is not more than ±1%;
2. Motor cavity must be filled full with clean water during operation;
3. The first stage impeller of the pump shall be immersed at least 2 meters below the dynamic water level. The pump unit shall not be more than 70 meters below the static water level. The bottom of the motor shall not be less than 3 meters from the bottom of the well;
4. Ensure the source of water is enough for pump operating continuously;
5. If it is used in pool, should add guide tube for pump motor in order to cooling.

安装工具:

1. 吊链一副；
2. 垂直高度不低于4米的三角架一个；
3. 能承受一吨重的吊绳（钢丝绳）两根；
4. 安装卡箍、夹板两副；
5. 扳手、手锤、螺丝刀、电工工具及仪表等。

Installation tools:

1. Set of sling chains;
2. Tripod with a vertical of height over 4m;
3. Two pendant cord (steel wire rope) bearing weight in excess of 1 ton;
4. Two sets of clamps and splints;
5. Spanner, hammer, screwdriver, electrician tools and instrument.

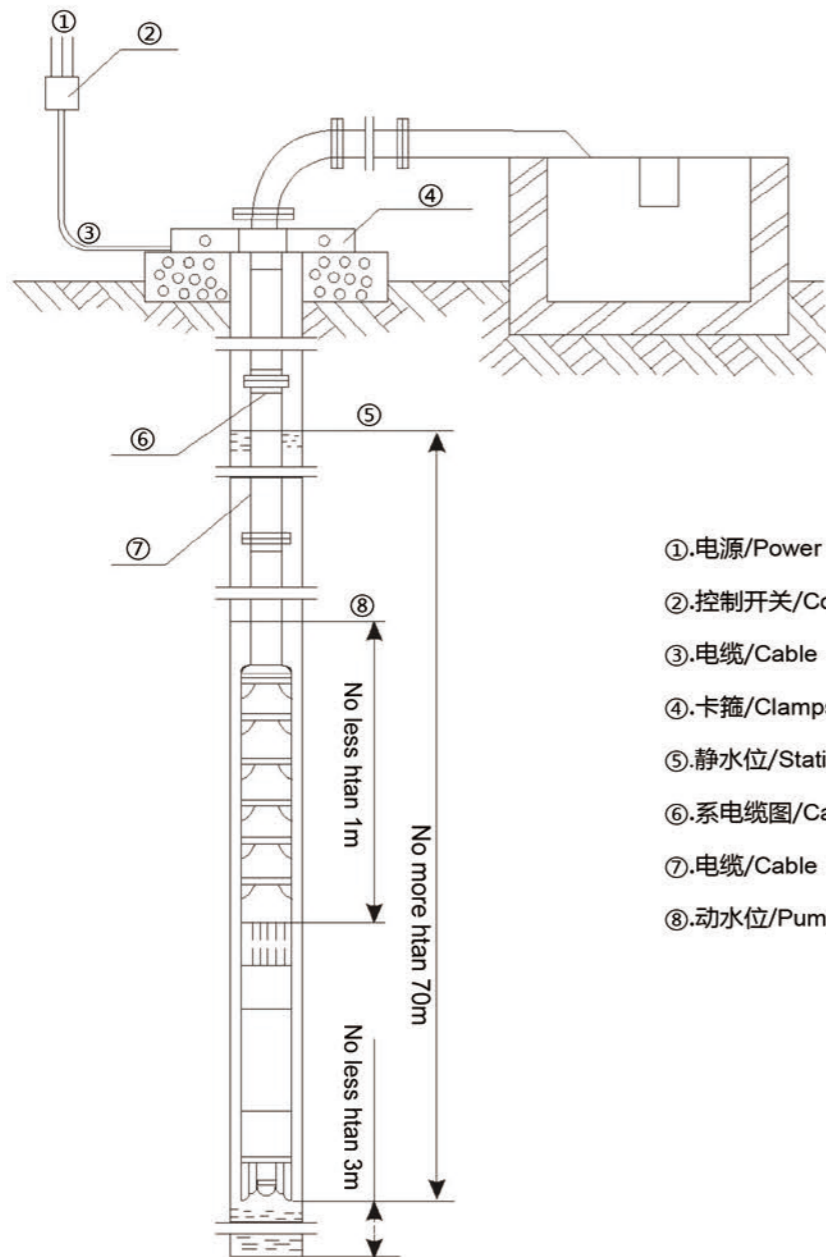
拆卸放气孔丝堵
Disassemble the gas vent plug;



使用前给电机注水
Fill water before operating;



安装示意图 Installation Diagram

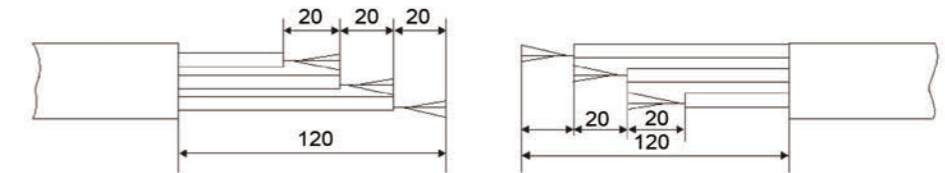
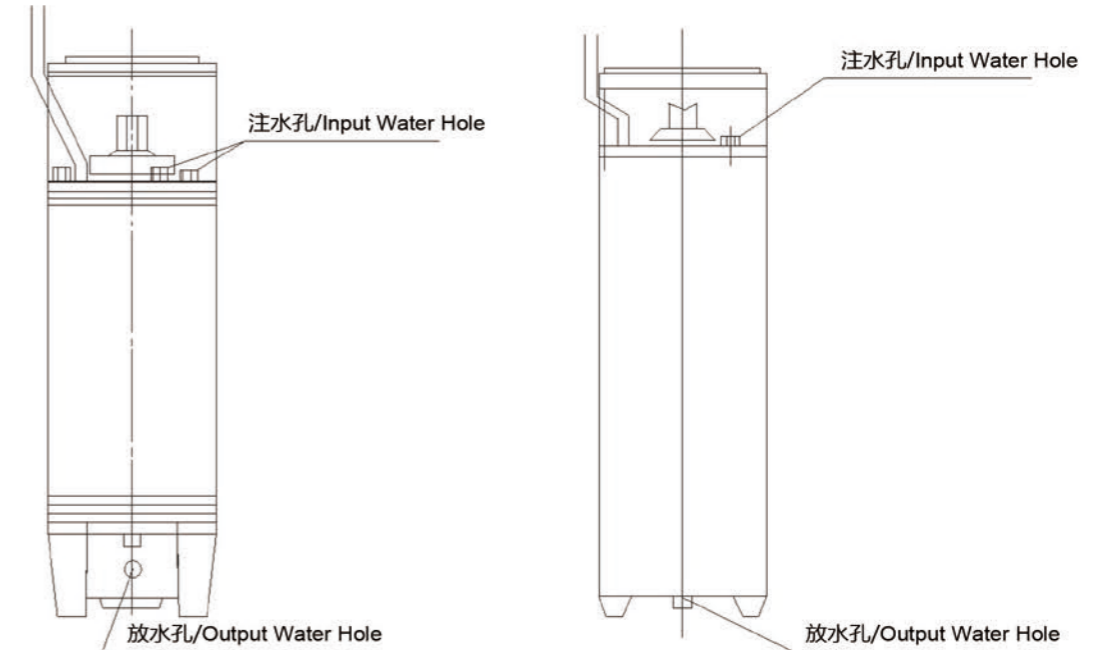


- ①.电源/Power
- ②.控制开关/Control Switch
- ③.电缆/Cable
- ④.卡箍/Clamps
- ⑤.静水位/Static Water Level
- ⑥.系电缆图/Cable Diagram
- ⑦.电缆/Cable
- ⑧.动水位/Pumping Water Level

备注：接受客户特殊定制。

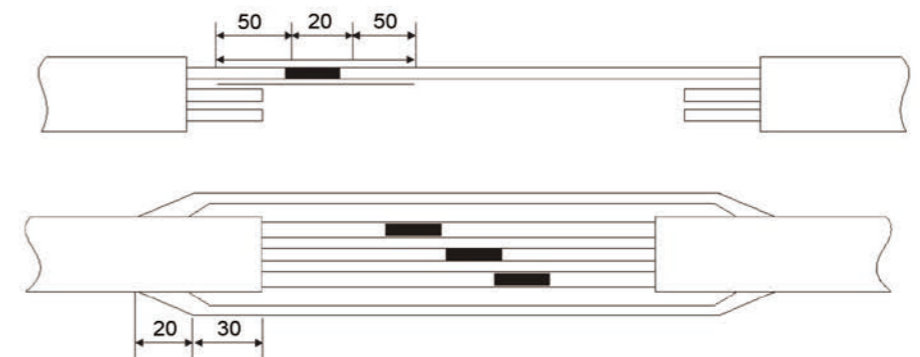
Note: Customized is acceptable.

安装示意图 Installation Diagram



正确插入/In serted correctly 错误/Wrong

细铜丝绑扎/Thin copper wurd 焊牢修光/Welding



备注：接受客户特殊定制。

Note: Customized is acceptable.

故障及排除 Possible Failure And Troubleshooting

故障现象	产生原因	排除方法
不出水或间歇出水或出水少	<ol style="list-style-type: none"> 1、电机没有启动（如电压低，导线过细过长，电压降太大或水泵卡死启动不起来） 2、管路堵塞或过滤水网堵死 3、管路破裂 4、吸水口露出水面 5、潜水泵转向相反 6、叶轮口环与密封环磨坏 7、叶轮松动或堵死 8、转子轴松动或转子断条 	<ol style="list-style-type: none"> 1、排除电路故障，找出卡滞原因并排除 2、清除堵塞物 3、修复破裂处 4、下放潜水泵，若扔不水水，可能是超过水泵扬程范围，建议换泵 5、调换电缆任意两根接头 6、更换新叶轮、密封环 7、重新装配叶轮、清楚堵塞物 8、修理或更换转子
电流量过大或电流表指针摆动	<ol style="list-style-type: none"> 1、流量大、扬程低超过使用范围，电机过载 2、电机石墨轴承磨损，水泵橡胶轴承或轴套磨损 3、主推轴承磨损，叶轮下移 4、泵轴弯曲，轴承不同心 	<ol style="list-style-type: none"> 1、减小流量，用阀门把流量调节到额定值 2、更换新轴承或轴套、检查并含砂量是否过大 3、更换止推轴承和推力盘 4、轴弯曲送工厂检修，更换新轴承
电机绕组对地热带绝缘电阻低于0.5兆欧	<ol style="list-style-type: none"> 1、电磁线绝缘老化或破损 2、橡胶电缆进水 3、密封接头失效 	<ol style="list-style-type: none"> 1、拆开绕组，用粘胶带包扎破损处或重绕新线圈 2、找出破损处，用粘胶带包扎或火补 3、拆开、接好，重新包扎
电机不能启动并有嗡嗡声	<ol style="list-style-type: none"> 1、导线断相或开关断线（单相运行） 2、电机轴承抱轴 3、叶轮内有异物与泵体卡死 4、电压过低 	<ol style="list-style-type: none"> 1、修复断线、接好保险丝 2、修复或更换轴承、修轴 3、清除异物 4、调整电压
机组剧烈震动	<ol style="list-style-type: none"> 1、电机转子不平衡 2、叶轮不平衡 3、泵轴弯曲 4、轴承（轴套）磨损 5、联接螺栓有松动 6、机泵碰井壁 7、推力盘炸，下止推磨损 	<ol style="list-style-type: none"> 1、转子作动平衡试验 2、叶轮作静平衡试验 3、调直 4、更换轴承、轴套 5、上紧螺栓 6、调整泵在井中心 7、检查水泵是否下入井底淤泥中，提高水泵
电机绕组烧坏	<ol style="list-style-type: none"> 1、电机内缺水 2、单相运行 3、长时间超载运行 	<ol style="list-style-type: none"> 1、注意必须注满清水 2、运行调整启动保护设备使之保证电机正常运行 3、通过阀门控制流量以降低负载，使电流、电压不能超过铭牌上的额定数值

故障及排除 Possible Failure And Troubleshooting

Symptom	What is the problem?	How to fix?
Intermittent water or no water or less water	<ol style="list-style-type: none"> 1. Motor does not start (low voltage, wire too thin or too long, drop too much voltage does not start or pump stuck up) 2. Pipe blocked or Strainer blocked. 3. Pipe broken 4. Suction out of water 5. Submersible pump turn in the opposite 6. Impeller rings and seal rings worn 7. Impeller loose or blocked 8. Rotor shaft loose or broken rotor bar 	<ol style="list-style-type: none"> 1. Eliminate circuit fault, find out the cause and rule out seizure 2. Clear the blockage 3. Repair broken part 4. Decentralization of submersible pumps, if still no water coming out, the pump head may be more than the range head, recommended for pumps 5. Swap any two connector cables 6. Change the new impeller, seal ring 7. Re-installation new impeller clean block 8. Repair or change rotor
Large current swing the ammeter pointer	<ol style="list-style-type: none"> 1. Large flow, low head that is over usage range, motor overload 2. Graphite bearings, rubber bearings or bushings abrasion, thrust bearing, the impeller down 3. Thrust bearing, the impeller down 4. Pump shaft bending, bearing misalignment 	<ol style="list-style-type: none"> 1. Reduce flow With the flow control valve to the rating 2. Change new bearing or bushings, check the sediment size is too big 3. Change thrust bearing and thrust disc 4. Fixed or change axis bending to new one
Motor winding insulation resistance to ground less than 0.5 megohm tropical	<ol style="list-style-type: none"> 1. Magnet wire insulation aging or broken 2. Water into the cable 3. Gland failure 	<ol style="list-style-type: none"> 1. Open winding, wrapped with adhesive tape or new coil rewinding 2. Find out broken part, wrapped with adhesive tape or use fire 3. Open, connected, re-wrapped
Motor will not start and with sound	<ol style="list-style-type: none"> 1. Broken wire or switch-off phase (single phase operation) 2. Guide bearing axle motor 3. Impeller pump stuck with a foreign body 4. Voltage is too low 	<ol style="list-style-type: none"> 1. Repair broken, take a good fuse 2. Repair or change bearings, 3. Clean the foreign body 4. Adjust the voltage
Pump severe vibration	<ol style="list-style-type: none"> 1. Rotor not balance 2. Impeller not balance 3. Pump shaft bending 4. Bearing (bush) abrasion 5. Bolts loose 6. Pump collision well wall 7. Thrust fried, under thrust abrasion. 	<ol style="list-style-type: none"> 1. Test rotor balancing 2. Test impeller static equilibrium 3. Straightening 4. Change bearing, bush 5. Tighten the bolt 6. Adjust the pump in the middle of well 7. Check if the pump into the bottom mud of well, lift pump
Motor winding burn	<ol style="list-style-type: none"> 1. Inside of motor less water 2. Single-phase operation 3. Overloading long run 	<ol style="list-style-type: none"> 1. Must filled with water 2. Check and adjust the start protection equipment to ensure the normal operation of the motor 3. Control flow through the valve to reduce the load, so that current and voltage cannot exceed the rated nameplate value

产品介绍 Product Introduction



QS系列潜水泵包括QS小型潜水泵，QSP喷泉专用潜水泵，QSZ潜水轴流泵以及QSH潜水混流泵。该系列潜水泵被广泛用于深井、河水、海水、湖泊提水，喷泉项目，农田灌溉，水产养殖，城市、工矿企业给排水工程等。

QS series submersible pump including QS small submersible pumps, QSP fountain use submersible pumps, QSZ axial flow submersible pumps and QSH mixed flow submersible pumps. These series submersible pumps are mainly used in drawing water from well, river, sea and lake; fountain projects; farmland/spray irrigation; aquaculture; water supply or drainage system for cities, industrial and mine establishments etc.

材质:

用于普通无腐蚀介质时采用铸铁HT200；
用于轻微或中等腐蚀介质时推荐采用不锈钢304；
用于较重腐蚀介质时推荐采用不锈钢316或不锈钢316L。

Material:

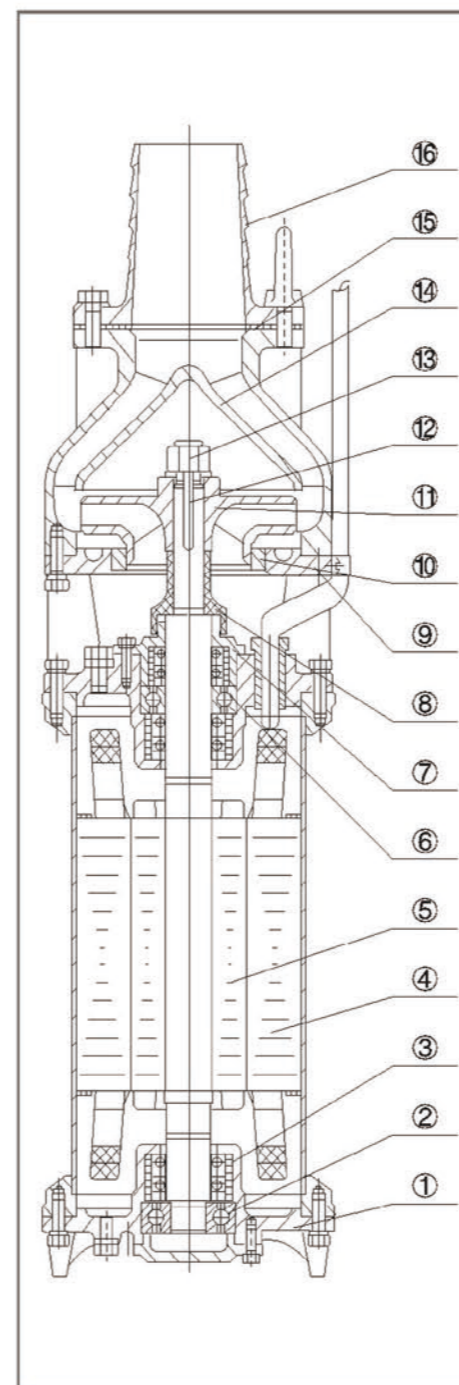
Non-corrosive medium: cast iron HT200;
Mildly or moderately corrosive: stainless steel 304;
Strongly corrosive: stainless steel 316 or stainless steel 316L.

流量/Discharge capacity: 10-3000m ³ /h
扬程/Lift head: 3-121m
电机功率/Motor power: 0.55-45kw
额定电压/Rated voltage: 220/380/460/480/660V
频率/Frequency: 50Hz/60Hz
水泵直径/Pump diameter: φ30-φ600mm
水温/Water temperature: <55℃
杂质含量/Solid content: ≤0.01%
防护等级/Protection class: IP68
绝缘等级/Insulation class: F
材质/Pump material: cast iron, SS 304/316/316L

备注：接受客户特殊定制。

Note: Customized is acceptable.

水泵结构 Pump Structure



序号 NO.	名称 Name	材料 Material
1	底座 Base	铸铁, 304/316/316L 不锈钢 Cast iron, 304/316/316L SS
2	角接触球轴承 Angular Contact Ball Bearing	钢 Steel
3	骨架油封 Framenwork Oil Seal	橡胶* Rubber*
4	定子部件 Stator Compoment	硅钢 Stainless Steel
5	转子部件 Rotor Compoment	不锈钢 Stainless steel
6	向心球轴承 Radial Ball Bearing	钢 Steel
7	压盖 Gland	铸铁, 304/316/316L 不锈钢 Cast iron, 304/316/316L SS
8	甩砂环 Rejection of Sanding	3Cr13 3Cr13
9	进水节 Inlet Section	铸铁, 304/316/316L 不锈钢 Cast iron, 304/316/316L SS
10	密封环 Sealing Ring	铸铁, 304/316/316L 不锈钢* Cast iron, 304/316/316L SS*
11	叶轮 Impeller	铸铁, 304/316/316L 不锈钢 Cast iron, 304/316/316L SS
12	键 Flat Key	35#钢 35# steel
13	螺母 Nut	35#钢 35# steel
14	导流壳 Diversion Sheel	铸铁, 304/316/316L 不锈钢 Cast iron, 304/316/316L SS
15	橡胶垫 Rubber Blanket	橡胶 Rubber
16	出水口 Outlet	铸铁, 304/316/316L 不锈钢 Cast iron, 304/316/316L SS

注:

- 1.带*符号为易损零件
- 2.材料可根据用户要求提供

Remarks:

1. The parts with* are quick-wear parts
2. Pump material can be changed based on your request

备注：接受客户特殊定制。

Note: Customized is acceptable.

基本参数表 Basic Parameter Table

型号 Model	流量 Flow	扬程 Head	功率 Power	电流 Current	最大外径 Max. Dia.	水泵高度 Pump Height	法兰外径 Flange Dia.	出水口径 Discharge Dia.
QS Series	m ³ /h	m	kW	A	mm	mm	mm	mm
QS(P)10-10-0.55	10	10	0.55	2.2	150	450	150	50
QS(P)15-7-0.55	15	7	0.55	2.2	150	450	150	50
QS(P)10-14-0.75	10	14	0.75	2.6	150	450	150	50
QS(P)15-10-0.75	15	10	0.75	2.6	150	450	150	50
QS(P)15-14-1.1	15	14	1.1	3.2	156	520	156	50
QS(P)40-6-1.1	40	6	1.1	3.2	156	520	156	80
QS(P)25-9-1.1	25	9	1.1	3.2	156	520	156	65
QS(P)25-12-1.5	25	12	1.5	4.2	156	520	156	65
QS(P)40-9-1.5	40	9	1.5	4.2	156	520	156	80
QS(P)10-40/3-2.2	10	40	2.2	5.7	170	680	150	50
QS(P)15-26-2.2	15	26	2.2	5.7	170	580	150	50
QS(P)20-20-2.2	20	20	2.2	5.7	170	580	150	65
QS(P)25-17-2.2	25	17	2.2	5.7	168	580	150	65
QS(P)40-12-2.2	40	12	2.2	5.7	168	580	150	65
QS(P)65-7-2.2	65	7	2.2	5.7	168	580	150	90
QS(P)15-34/2-3	15	34	3	7	168	650	156	50
QS(P)10-54/3-3	10	54	3	7	170	680	150	50
QS(P)25-25-3	25	25	3	7	170	580	150	65
QS(P)20-30/2-3	20	30	3	7	168	650	156	65
QS(P)40-16-3	40	16	3	7	168	580	168	65
QS(P)50-13-3	50	13	3	7	168	580	168	90
QS(P)80-7-3	80	7	3	7	187	580	168	90
QS(P)65-10-3	65	10	3	7	168	580	168	90
QS(P)100-6-3	100	6	3	7	200	580	168	90
QS(P)10-65/5-4	10	65	4	10.2	168	750	150	50
QS(P)10-72/4-4	10	72	4	10.2	168	720	150	50
QS(P)10-81/6-4	10	81	4	10.2	168	780	150	50
QS(P)15-54/4-4	15	54	4	10.2	168	720	150	50
QS(P)20-40/2-4	20	40	4	10.2	168	730	168	65
QS(P)25-30/2-4	25	30	4	10.2	168	730	168	65
QS(P)30-30/2-4	30	30	4	10.2	168	730	168	65
QS(P)32-26-4	32	26	4	10.2	168	670	168	65
QS(P)40-21-4	40	21	4	10.2	168	630	168	65
QS(P)50-16-4	50	16	4	10.2	168	630	168	90

基本参数表 Basic Parameter Table

型号 Model	流量 Flow	扬程 Head	功率 Power	电流 Current	最大外径 Max. Dia.	水泵高度 Pump Height	法兰外径 Flange Dia.	出水口径 Discharge Dia.
QS Series	m ³ /h	m	kW	A	mm	mm	mm	mm
QS(P)65-13-4	65	13	4	10.2	168	630	168	90
QS(P)65-15-4	65	15	4	10.2	168	630	168	90
QS(P)80-12-4	80	12	4	10.2	187	630	168	90
QS(P)100-9-4	100	9	4	10.2	200	630	168	90
QS(P)10-95/7-5.5	10	95	5.5	13.4	187	1080	168	50
QS(P)10-108/8-5.5	10	108	5.5	13.4	187	1150	168	50
QS(P)15-65/5-5.5	15	65	5.5	13.4	187	960	168	50
QS(P)20-54/3-5.5	20	54	5.5	13.4	187	870	168	65
QS(P)25-40/3-5.5	25	40	5.5	13.4	187	870	168	65
QS(P)30-40/3-5.5	30	40	5.5	13.4	187	780	168	90
QS(P)40-30/2-5.5	40	30	5.5	13.4	187	780	168	90
QS(P)40-28-5.5	40	28	5.5	13.4	187	720	168	90
QS(P)50-26-5.5	50	26	5.5	13.4	187	780	168	90
QS(P)65-20-5.5	65	20	5.5	13.4	187	720	168	90
QS(P)65-18-5.5	65	18	5.5	13.4	187	720	168	90
QS(P)80-15-5.5	80	15	5.5	13.4	187	720	168	90
QS(P)100-12-5.5	100	12	5.5	13.4	200	720	200	125
QS(P)120-10-5.5	120	10	5.5	13.4	200	720	200	125
QS(P)220-5-5.5	220	5	5.5	13.4	200	720	200	150
QS(P)10-121/9-7.5	10	121	7.5	18.6	187	1250	168	50
QS(P)15-80/6-7.5	15	80	7.5	18.6	187	1200	168	50
QS(P)20-65/5-7.5	20	65	7.5	18.6	187	960	168	65
QS(P)20-75/4-7.5	20	75	7.5	18.6	187	1130	168	65
QS(P)25-65/5-7.5	25	65	7.5	18.6	187	960	168	65
QS(P)30-50/3-7.5	30	50	7.5	18.6	187	950	168	65
QS(P)30-54/3-7.5	30	54	7.5	18.6	187	950	168	65
QS(P)32-48/4-7.5	32	48	7.5	18.6	187	950	168	65
QS(P)40-40/2-7.5	40	40	7.5	18.6	187	820	168	90
QS(P)50-30/2-7.5	50	36	7.5	18.6	187	950	168	90
QS(P)50-36/3-7.5	50	36	7.5	18.6	187	950	168	90
QS(P)65-25-7.5	65	25	7.5	18.6	187	740	168	90
QS(P)80-22/2-7.5	80	22	7.5	18.6	187	820	168	90
QS(P)100-15-7.5	100	15	7.5	18.6	200	740	200	125
QS(P)100-17-7.5	100	17	7.5	18.6	200	740	200	125
QS(P)250-8-7.5	250	8	7.5	18.6	200	740	200	150

基本参数表 Basic Parameter Table

型号 Model	流量 Flow	扬程 Head	功率 Power	电流 Current	最大外径 Max. Dia.	法兰外径 Flange Dia.	出水口径 Discharge Dia.
QS Series	m ³ /h	m	kW	A	mm	mm	mm
QSZ300-6-10	300	6	10	21.6	250	250	200
QSZ500-5-13	500	5	13	30.3	300	300	250
QSZ800-3-13	800	3	13	30.3	400	400	350
QSZ1000-3-18.5	1000	3	18.5	42.6	450	450	400
QSZ1500-4-22	1500	4	22	49.7	550	550	500
QSZ1250-5-30	1250	5	30	67.5	550	550	500
QSZ1600-4-30	1600	4	30	67.5	600	600	550
QSZ2100-3-30	2100	3	30	67.5	600	600	550
QSZ1600-5-37	1600	5	37	79.7	600	600	550
QSZ2000-4-37	2000	4	37	79.7	600	600	550
QSZ2500-3-37	2500	3	37	79.7	700	700	650
QSZ1900-5-45	1900	5	45	96.9	600	600	550
QSZ2400-4-45	2400	4	45	96.9	700	700	650
QSZ3000-3-45	3000	3	45	96.9	750	750	700

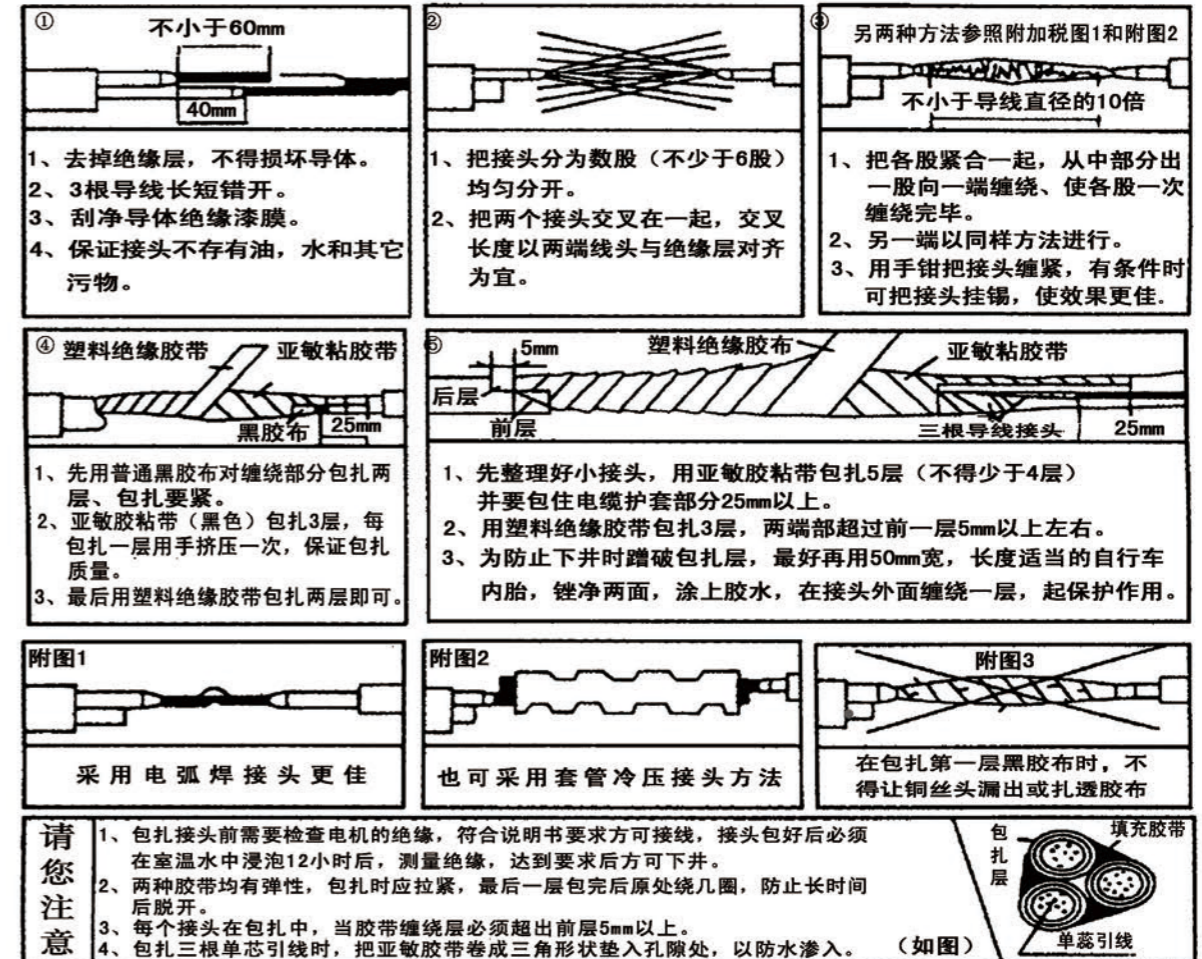
使用条件：

1. 电压偏差不得超过±5%，频率偏差不得超过±1%的三相电源；
2. 电机内腔必须注满清水（带自吸孔的喷泉泵除外）。

Use Conditions:

1. The three-phase power supply voltage deviation does not exceed ±5% and the frequency deviation is not more than ±1%;
2. Motor cavity must be filled full with clean water during operation (except self-suction type fountain pumps).

电缆接法 Cable Connection



Translation for above picture:

- ① 1: Remove the insulation layers of cable cores, and keep the copper core intact, the copper core's length should not less than 60mm.
2: The 3 cable cores length are not same, should be staged.
3: Remove the insulation painting from the copper cores.
4: Make sure the copper cores are clear.
- ② 1: Equally separate every copper core to some strands (not less than 6 strands).
2: Cross the copper cores from leading cable and extra cable for connecting.
- ③ 1: Keep all the strands touch properly, and choose one strand to cross the connecting body tile. Repeat above step one by one.
2: Tie the connection part by pincer, and welding it by molten tin.
- ④ 1: Pack up the connecting part by normal insulation tape, and make it tie.
2: Pull the self-adhesive tape to double length; pack up the connection part, the self-adhesive tape should cover each other half. And it should be 3 layers.
3: Pack up again by insulation tape 2 layers.
- ⑤ 1: Collect all the connected cable and pack up them by self-adhesive tape for about 6 layers; and pack up by insulation tape for 2 or more layers. The cover layer should more the 25mm of the cable rubber cover.
2: Pack up by plastic insulating tape for 3 layers, every layer should exceed 5mm of the previous layer for both ends.

附件表1 Attached Table 1

功率 POWER (KW)	允许配套电缆的最大长度 THE MAX. LENGTH OF EXTRA CABLE (m) 380V														
	铜芯电缆的规格 THE COPPER CORE OF CABLE (mm ²)														
	2.5	4	6	10	16	25	35	50	70	95	120	150	185		
3	260	410	620												
4	210	320	500	820											
5.5	150	240	360	600											
7.5		183	270	450											
9.2		150	220	310											
11		120	190	300											
13			160	270	400										
15			140	230	310										
18.5			110	190	290										
22			95	160	250	395	555								
25				140	225	350	490								
30					187	290	410								
37					150	240	330	480							
45					125	200	275	390							
55						160	225	322	440						
63						140	200	285	390						
75							170	240	335	455					
90								200	280	380	484				
110								165	230	315	400	480			
125									205	275	345	425			
140									180	250	310	375			
160										220	275	325	420		
185											230	280	370		
220												200	230	310	

备注：接受客户特殊定制。

Note: Customized is acceptable.

附件表2 Attached Table 2

Diameter Capacity	管路百米扬程损失表 THE WASTAGE FROM DELIVERY PIPE (m/100m)														
	1.5" / Φ41	2" / Φ53	2.5" / Φ68	3" / Φ80	4" / Φ106	5" / Φ131	6" / Φ156	8" / Φ200	10" / Φ250	12" / Φ300					
5	7/4	1/0.5													
10	18/10	6/3	1/0.5												
15		13/6	3/2	2/1											
20		22/10	5/2.5	2.5/0.8											
25			8/4	3/1.8											
30			12/6	5/2.2	1.8/0.3										
35			16/8	6/2.8	2/0.5	0.6/0.2									
40			20/10	8/4.2	2.5/0.8	0.8/0.3									
45				10/5.8	3/1.5	1/0.6									
50				12/6.5	3.5/2	1.5/0.8	0.3/0.1								
63				18/9	4/2.5	2/1.2	0.5/0.2								
80					7/4	3/1.8	1/0.3								
100					12/8	4/2	2/1.8	0.5/0.1							
125					19/10	6/3.8	2.5/2	0.7/0.2							
140					18/9	7.5/4	3/2	1.1/0.7							
150						9/5	4/3	1.2/1	0.4/0.1						
160						10/5.5	5/3.5	1.5/1.2	0.7/0.3						
180						13.5/7.5	6/4	1.8/1.6							
200						15.5/8	8/5.5	2/1.8							
230						22/11	9.5/6	2.2/2							
250							12/8	3/2.2							
320							15/10	4/2.8							
350							19/10	5/3							
400								6/5							
450								8/6	3/2.5	1.2/0.8					
500								11/8	4/3	2/1.1					
700								18/9	7/3.5	3/1.2					
800									8/4	3.5/1.3					
1000									10/6	4/1.4					

备注：接受客户特殊定制。

Note: Customized is acceptable.