SPMC

QZ、QH型

潜水轴流泵、混流泵

AXIAL-FLOW PUMP、MIXED-FLOW PUMP

上海水泵制造有限公司（上海水泵厂）

企业简介

上海水泵制造有限公司是由上海水泵厂改制而组建的股份制公司，上海水泵厂创建于 1930 年，专业生产各类水泵，是中华人民共和国前机械工业部重点企业。

公司吸收国有企业之精华，秉承了上海水泵厂优秀的产品技术，包括从国外引进的技术，接轨现代企业管理，集科研、开发、制造、销售和服务于一体，是中国泵行业协会副理事长单位。

企业以“科技为先，人才为本，服务用户，贡献社会”为宗旨，锐意改革创新、务实拓展。现有员工 467 人，其中工程技术人员 57 人。企业已取得了 ISO9001 质量认证，并以质保体系贯穿全部管理过程，为企业产品质量提供了可靠的保证。

企业座落于上海奉贤青港经济开发区，占地 65000 平方米，生产车间建筑面积 28500 平方米，是一座专业制造电厂电站、引水工程、冶金石化、市政给排水、船舶工业等众多领域用泵的大型制造工厂。企业拥有 2200mm 管径 10kv、6kv、380v 测试电压的 B 级精度智能化测试中心及金属切削、焊接、试验、检测、起重、运输各类设备 200 多台。

企业主导产品有：锅炉给水泵、凝结水泵、循环水泵、低加疏水泵、化工流程泵、污水泵、热水循环泵、船用离心泵、消防水泵、能量回收装置等 50 多个系列，3000 多个规格。

雄厚的科技力量、先进的经营理念和一支高素质的员工队伍为企业的持续发展注入了强大动力，企业将发挥自身优势，进一步强化企业管理，加强与科研机构的合作，不断提升产品的品质品位，实施国际化品牌战略。

用户的需求，永远是我们的追求。企业本着“精心制造、精益求精、精诚服务”的质量方针，为海内外用户提供安全、可靠、高效率的泵类产品。

Being a key production factory of former Ministry of Machinery PRC, Shanghai Pump Factory have been dedicated to producing pumps of different applications since 1930. With its restructuring comes Shanghai Pump Manufacturing Company Ltd which is an incorporated stock company holding its own independent legal status.

Shanghai Pump Manufacturing Company, vice president entity of China Pump Industry Association, adapts the advanced technology inherited from Shanghai Pump Factory together with technologies introduced from abroad, like USA、Germany and Japan. And it also puts international enterprise management methods through R&D、production、sales and service process.

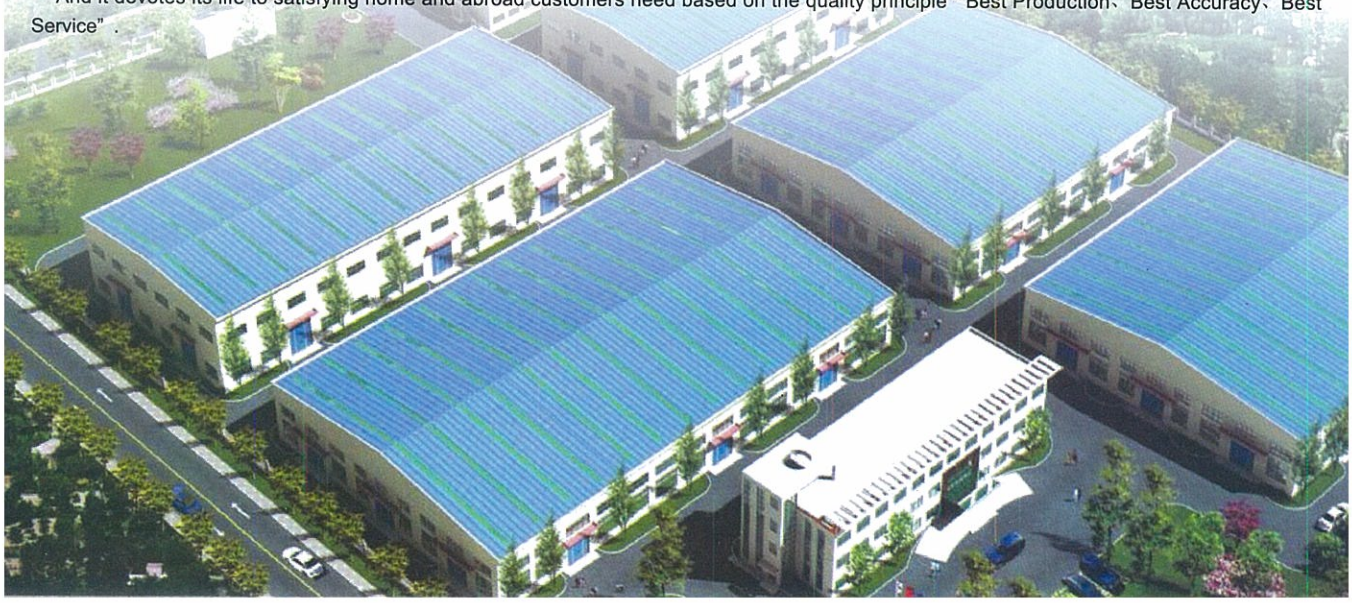
SPMC is always oriented with Technology、Talent 、Service and Contribution and determined to reform 、innovate and develop. It has more than 467 skilled employees with 57 technicians and has acquired the ISO9001 certification.

SPMC has convenient transportation with its location in Qinggang Economic Development Zone Fengxian Shanghai; It has a strong production capability with land occupation of 65000 sqm of which 28500 sqm workshop; It owns B-level precision intellectual test centre for pipe-diameter 2200 mm 10 kv、6kv and 380v and more than 200 units of equipments for metal cutting、welding、testing、detection、lifting、and transportation. It offers pumps to meet demands of core sectors like: Power Plant、Diversion Project、Metallurgy and Petrochemical、Municipal Water Supply and Drainage、Marine Industry and so on.

SPMC offers more than 50 series/3000 standards as follows: boiler feed pump、condensate pump、circulating pump、drainage pump、chemical process pump、sewage pump、hot water circulating pump、ship centrifugal pump、fire fighting pump 、energy recycle device and so on.

SPMC is on its well way to get international recognition with best technologies、advanced management、highly skilled employees and reliable quality.

And it devotes its life to satisfying home and abroad customers need based on the quality principle “ Best Production、Best Accuracy、Best Service” .



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产品简介 INTRODUCTION

QZ系列潜水轴流泵、QH系列潜水混流泵是本公司在引进国内外先进技术，根据用户的要求及使用条件精心设计而研制成功的新一代产品。水力模型均达到国内领先水平，和旧模型相比流量提高20%－30%，效率提高3%－5%，且抗汽蚀性能优良。

QZ、QH系列泵具有单机流量大，扬程幅度宽，效率高等特点。潜水电机与水泵一体式结构，潜入水中运行，具有传统机组无法比拟的优点：

A：大大简化泵站土建及建筑结构工程，节约泵站工程造价占总造价30%－40%。

B：维护简便，有泄漏及内部绕组温升保护装置，可配备控制柜，运行可靠。

C：噪声低、寿命长。

QZ、QH系列产品的叶轮与叶轮座材料有铸铁、球铁、铸铜（青铜）及不锈钢等，供用户按照所需选取。

QZ series axial-flow pumps、QH series mixed-flow pump are modern productions successfully designed by the means o adopting foreign modern technology. The new pumps' capacit are 20% larger than the old ones. The efficiency is 3~5% highe than the old ones.

QZ、QH series pump with adjustable impellers has th advantages of large capacity,broad head, high efficiency, wid application and so on.

A:pump station is small in scale, the construction is simpl and the investment is greatly decreased, This can save 30%- 40% for the building cost.

B: It is easy to install、maintain and repair this kind o: pump.

C: low noise、long life.

The material of the series of QZ、QH can be castiron、ductile iron、copper or stainless steel.

产品主要用途 CHIEF USAGE

QZ系列潜水轴流泵、QH系列潜水混流泵广泛使用于工农业输送水、城市给水、轻度污水排放及调水工程。

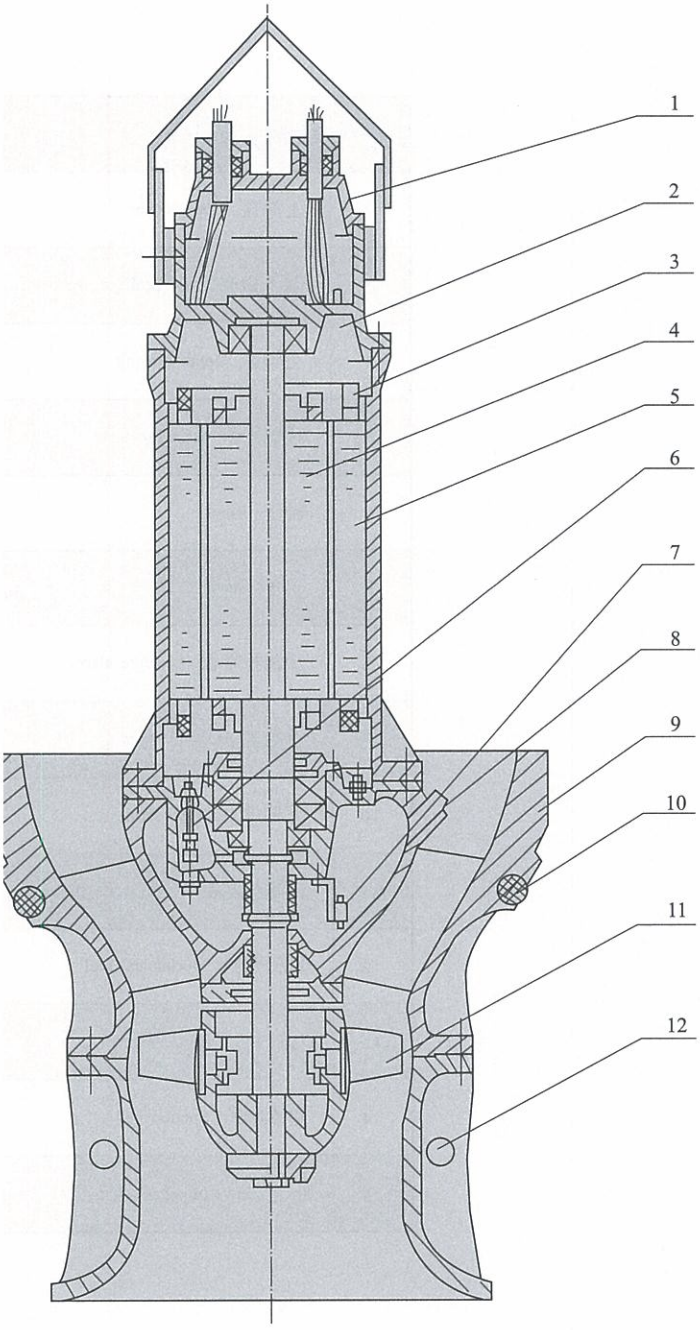
QZ series axial-flow pump QH series mixed-flow pump application rang e:water supply in cities, diversion works, se -age drainage system, sewage disposal project.

泵的使用条件 WORKING CONDITIONS

不超过50℃的清水及类似清水的其它液体。

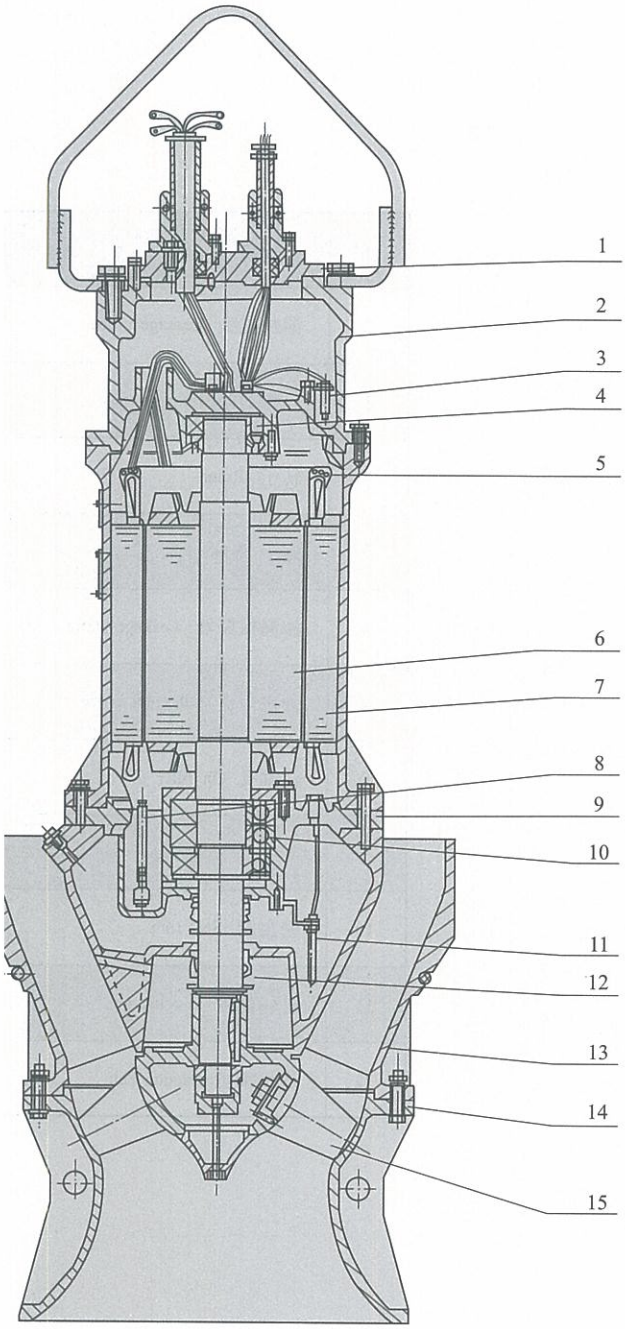
The medium for pure-water should be no larger than 50℃.

QZ型潜水轴流泵结构图 QZ TYPE SUBMERSIBLE AXIAL-FLOW PUMPS STRUCTURE DARWING



1	接线盒 Junction
2	漏水控头 Leakage probe
3	热保护器 Heat protector
4	转子 Rotor
5	定子 Stator
6	渗漏报警器 Leakage alarm
7	油水控头 Oil-water probe
8	注油孔 Oil filler
9	导叶体 Guide vane
10	密封圈 Seal ring
11	叶轮部件 Impeller part
12	进水喇叭 Suction bell

QH型潜水混流泵结构图 QH TYPE SUBMERSIBLE MIXED-FLOW PUMPS STRUCTURE DARWING



1	接线盒 Junction
2	上端盖 Upper cover
3	漏水检测探头 Leakage probe
4	上轴承 Upper bearing
5	热保护器 Heat protector
6	转子 Rotor
7	定子 Stator
8	渗漏报警器 Leakage alarm
9	下端盖 Bottom cover
10	下轴承 Lower bearing
11	油水检测探头 Oil-water probe
12	机械密封 Mechanical seal
13	导叶体 Guide vane
14	进水喇叭 Suction bell
15	叶轮部件 Impeller part

结构说明 STRUCTUREVO

进出水流道安装方式

、进水流道：按样本外形安装图推荐形式，泵在液体中最小淹没深度应大于图中值。

、出水方式：拍门或其它方式。

、安装方式：变管悬吊、井筒悬吊、混凝土预制井筒式。

电 机

潜水电机

功率等级：电气性能指标符合GB755

防护等级：IP68

冷却方式：ICWO8A41

基本安装形式：IM3013

电压等级：≤355kw、电压为380V或660V>355kw、电压为380V、660V、6kv、10kv

绝缘等级：F

额定频率：50Hz

电缆长度：10m

轴 封

设有两道或三道机械密封。第一道与水直接接触的机械密封一般为碳化硅对碳化硅，第二、第三道一般为石墨对碳化硅。

防漏保护

QZ、QH系列泵设有防漏保护传感器。当油室、电机腔或接线盒内被水渗漏时，传感器发出警报或停机，并保留故障信号。

过热保护装置

潜水电机绕组中设有过热保护器，当温度超过规定时，发出信号或停机。

转 向

从电机上方看，叶轮顺时针方向旋转。

Installation of Suction and Discharge Pipes

1.Suction Pipe:according to the outline drawing in the booklet. The smallest depth of the pump under the water should be bigger than the datum in the drawing.

2.Discharge:flap valve and other methods.

3.Installation:QZ series are suitable for elbow cantilever installation,well cantiever installation and concrete well cantilever installation. Our company will supply whole set of steel well pipe for elbow cantilever and well cantilever installation. For concrete well cantilever installation, our company will provide cover and brackets. LZ and JZ series have open or shut installation. The length of cardon shaft can be made according to different requirements of customers.

Motor

1. Submersible Motor(QZ series)

Power class:electric performance meets GB755

Protection class:IP68

Cooling system:ICWO8A41

Basic installation type: IM3013

Voltage: up to 355kw, 380V、600V、355KW,380V、600V、6kv, 10kv

Insulation class: F

Rated power: 50Hz

Length of cable: 10m

Shaft Seal

This type has two or three mechanical seals. The first seal which contacts water, is usually made of carbon silicon and carbon silicon. The second and third are usually made of graphite and carbon silicon.

Leakage Protection

QZ、QH series has leakage protection sensor. When the oil house of motor or the wire-box is leeking, sensor will give out warning or stop working and maintain the signal.

Overheat Protector

The winding of QZ series submersible motor has overheat protector. When it is overheated, warning will be given out or the motor will stop working.

Rotating Direction

Looking from upper side, the impeller is rotating clockwise

Series Definition

型号释义 MODEL MEANING

1.产品代号

QZ-叶片可调式潜水轴流泵

QH-叶片可调式潜水混流泵

2.型号举例

1.Series Code

QZ-impeller adjustable submersible axial flow pump

QH-impeller adjustable submersible mixed flow pump

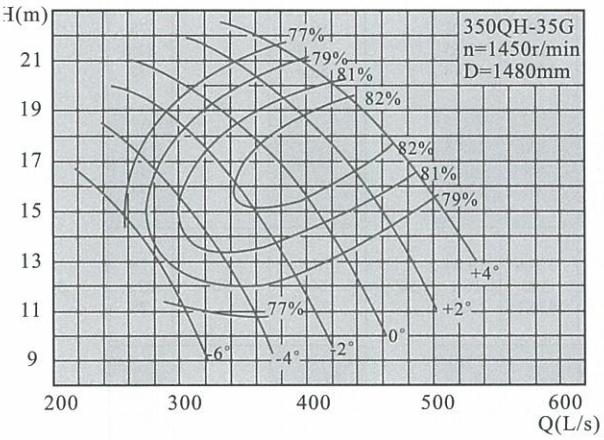
2. Example

350 QZ(H) – 35 – G (D)

- (D): 比转数，名义排出口径相同较低一档转速
  Equal specific number of revolutions and nominal release apertur rotating speed at a lower shift
- G: 比转数，名义排出口径相同较高一档转速
  Equal specific number of revolutions and nominal release apertur rotating speed at a higher shift
- 35: 比转数的1/10
  1/10 of the specific number of revolution
- QZ(H): 潜水轴流泵（潜水混流泵）
  Submersible axial-flow pump(submersible mixed-flow pump)
- 350: 名义排出口径
  Nominal release aperture

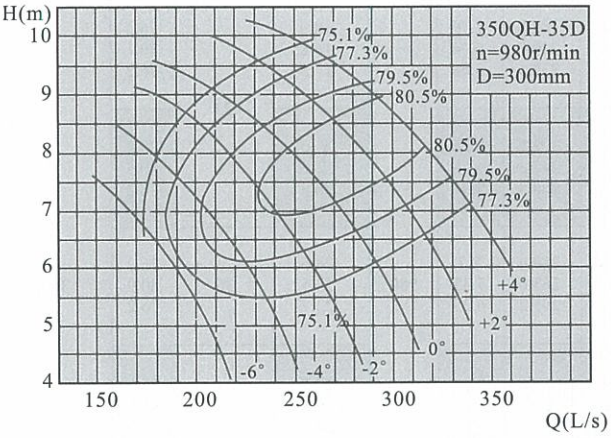
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

350QH-35G



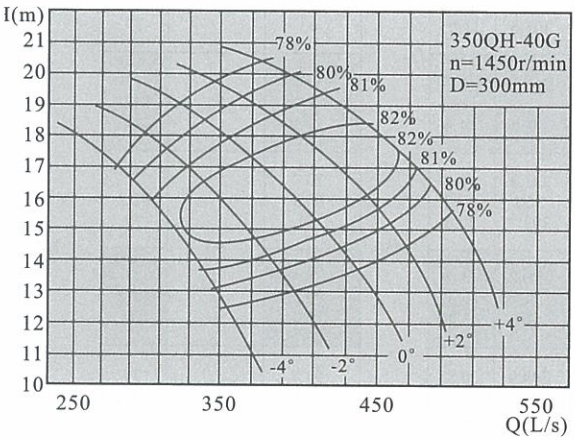
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 D Outer diameter of impeller (mm)
-6°	929.5 1044 1099.8	258.2 290 305.5	14.65 12.6 11.05	1450	48.2 45.7 43	55	77 78.4 77	300
-4°	961.6 1170 1255.7	267.1 325 348.8	17.2 14 11.9		58.5 55 51.5	75	77 81.2 79	
-2°	1049 1296 1413.7	291.4 360 392.7	18.9 15.2 12.3		70.2 65.3 60	90	77 82.2 79	
0°	1118.9 1404 1548	310.8 390 430	19.8 16.32 13.25		78.4 75.7 70.7		77 82.5 79	
+2°	1241.6 1512 1685.2	344.9 420 468.1	20.87 17.73 14.38		91.7 87.9 83.6	110	77 83.1 79	
+4°	1350.4 1620 1804	375.1 450 501.1	21.51 18.5 15.47		102.8 99 96.3		77 82.5 79	

350QH-35D



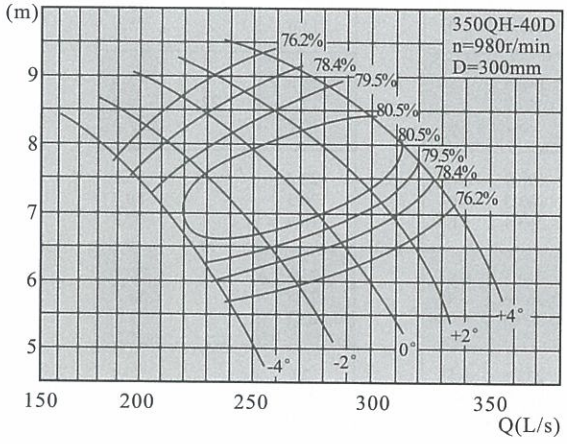
叶片安装角度 Angle	流量 Q Capacity (m³/h)	流量 Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 D Outer diameter of impeller (mm)
-6°	628.2 705.6 743.3	174.5 196 206.5	6.69 5.76 5.05	980	15.2 14.4 13.6	18.5	75.1 76.7 75.1	300
-4°	649.9 790.8 848.7	180.5 219.7 235.7	7.86 6.4 5.44		18.5 17.3 16.3	22	75.1 79.6 77.3	
-2°	709 875.9 955.5	196.9 243.3 265.4	8.63 6.94 5.62		22.2 20.5 18.9	30	75.1 80.7 77.3	
0°	756.2 948.9 1046.2	210.1 263.6 290.6	9.04 7.45 6.05		24.8 23.8 22.3		75.1 81.1 77.3	
+2°	839.2 1021.9 1138.9	233.1 283.9 316.4	9.53 8.1 6.57		29 27.6 26.4	37	75.1 81.7 77.3	
+4°	912.7 1094.9 1219.2	253.5 304.1 338.7	9.83 8.45 7.07		32.5 31.1 30.4		75.1 81 77.3	

350QH-40G



叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	1005.5 1170 1275.8	279.3 325 354.4	17.05 13.65 12.44	1450	59.9 53.3 55.4	75	78 81.6 78	300
-2°	1079.9 1296 1430.3	300 360 397.3	18.08 14.8 13.01		68.2 63.7 65		78 82 78	
0°	1168.6 1404 1572.6	324.6 390 436.8	19.04 16.1 13.68		77.7 74.8 75.2	90	78 82.3 78	
+2°	1243 1512 1683.3	345.3 420 467.6	19.72 17.2 14.42		85.6 85.4 84.8	110	78 83 78	
+4°	1352.2 1620 1785.5	375.6 450 496	20.39 18.2 15.59		96.3 97.4 97.2		78 82.5 78	

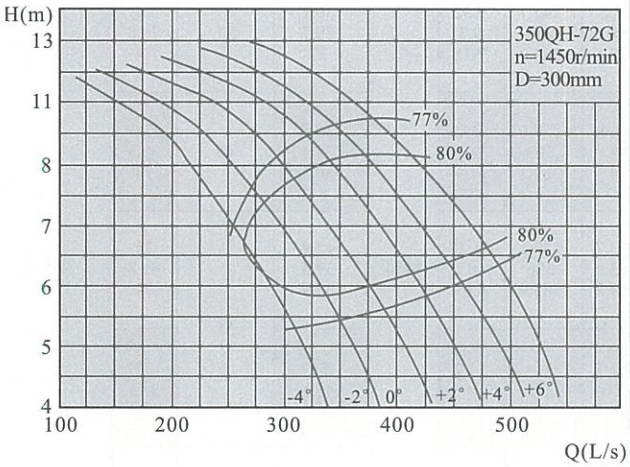
50QH-40D



叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	679.6 790.8 862.3	188.8 219.7 239.5	7.79 6.24 5.68	980	18.9 16.8 17.5	22	76.2 80.1 76.2	300
-2°	729.8 875.9 966.7	202.7 243.3 268.5	8.26 6.76 5.94		21.6 20 20.5		76.2 80.5 76.2	
0°	789.8 948.9 1062.9	219.4 263.6 295.2	8.7 7.35 6.25		24.6 23.5 23.7	30	76.2 80.9 76.2	
+2°	840.1 1021.9 1137.7	233.4 283.9 316	9.01 7.86 6.59		27.1 26.8 26.8	37	76.2 81.6 76.2	
+4°	913.9 1094.9 1206.7	253.9 304.1 335.2	9.31 8.31 7.12		30.4 30.6 30.7		76.2 81.1 76.2	

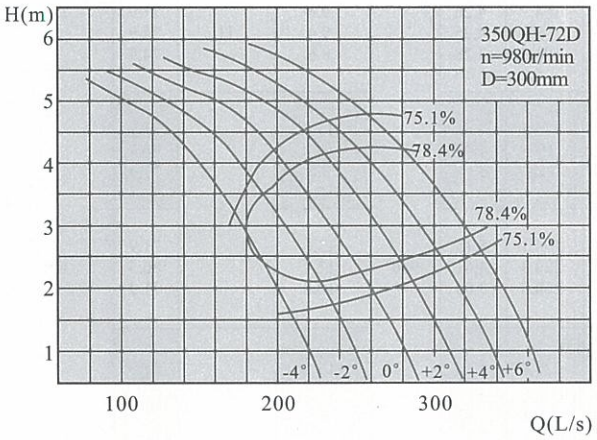
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

350QH-72G



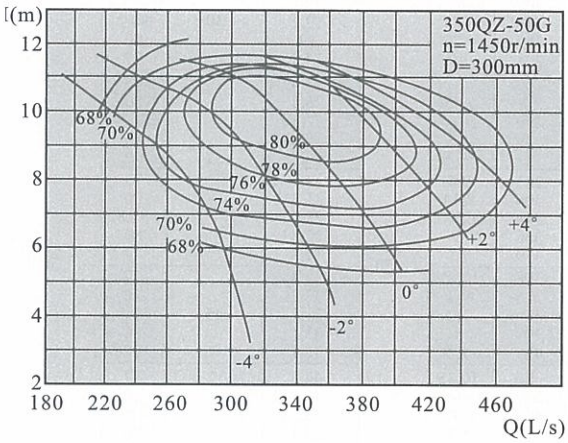
叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-4°	817.2	227	8.3	1450	24	30	77	300
	936	260	6.3		20.1		80	
	964.8	268	5.84		19.2		80.2	
	968.4	269	5.75		19		80	
	1072.8	298	3.9		14.8		77	
-2°	896.4	249	9		28.6	37	77	
	975.6	271	7.95		26.4		80	
	1076.4	299	6.34		22.8		81.5	
	1184.4	329	4.6		18.6		80	
	1227.6	341	3.7		16.1		77	
0°	1018.8	283	9.4		33.9		77	
	1101.6	306	8.34		31.3		80	
	1238.4	344	6.28		25.9		81.8	
	1317.6	366	5		22.4		80	
	1364.4	379	4.1		19.8		77	
+2°	1108.8	308	10.01		39.3	45	77	
	1173.6	326	9.3		37.2		80	
	1328.4	369	7.2		31.7		82.3	
	1472.4	409	5		25.1		80	
	1530	425	4.2		22.7		77	
+4°	1209.6	336	10.35		44.3	55	77	
	1296	360	9.46		41.8		80	
	1454.4	404	7.38		35.7		81.8	
	1584	440	5.5		29.7		80	
	1656	460	4.5		26.4		77	
+6°	1332	370	10.5		49.5		77	
	1440	400	9.2		45.1		80	
	1544.4	429	8.14		42.1		81.4	
	1692	470	6.2		35.7		80	
	1728	480	5.6		34.2		77	

350QH-72D



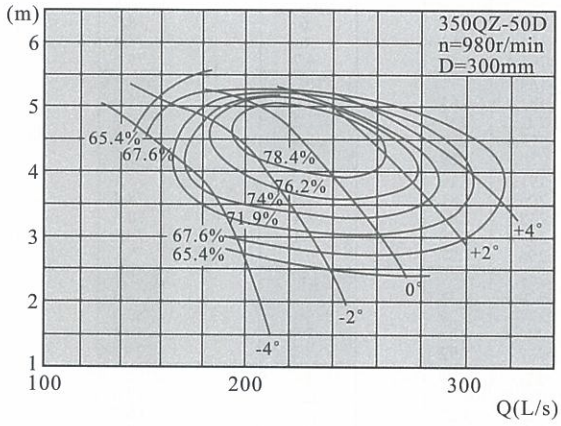
叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-4°	552.3	153.4	3.79	980	7.6	11	75.1	300
	632.6	175.7	2.88		6.3		78.4	
	652.1	181.1	2.67		6		78.5	
	654.5	181.8	2.63		6		78.4	
	725.1	201.4	1.78		4.7		75.1	
-2°	605.8	168.3	4.11		9		75.1	
	659.4	183.2	3.63		8.3		78.4	
	727.5	202.1	2.9		7.2		79.9	
	800.5	222.4	2.1		5.8		78.4	
	829.7	230.5	1.69		5.1		75.1	
0°	688.6	191.3	4.29		10.7	15	75.1	
	744.5	206.8	3.81		9.9		78.4	
	837	232.5	2.87		8.1		80.3	
	890.5	247.4	2.28		7.1		78.4	
	922.1	256.2	1.87		6.3		75.1	
+2°	749.4	208.2	4.57		12.4		75.1	
	793.2	220.3	4.25		11.7		78.4	
	897.8	249.4	3.29		10		80.9	
	995.1	276.4	2.28		7.9		78.4	
	1034.1	287.2	1.92		7.2		75.1	
+4°	817.5	227.1	4.73		14	18.5	75.1	
	875.9	243.3	4.32		13.2		78.4	
	983	273	3.37		11.2		80.3	
	1070.6	297.4	2.51		9.4		78.4	
	1119.2	310.9	2.06		8.3		75.1	
	900.2	250.1	4.8		15.7		75.1	
	973.2	270.3	4.2		14.2		78.4	

50QZ-50G



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	877.2 900 1022.1	243.7 250 283.9	9.32 9.3 7.18	1450	30.1 29.7 27	37	74 76.8 74	300
-2°	934.6 1054.8 1214.3	259.6 293 337.3	10.69 9.6 6.77		36.8 34.4 30.3	45	74 80.3 74	
0°	1033.7 1173.6 1389.2	287.1 326 385.9	11.27 10.1 6.63		42.9 39.5 33.9	55	74 81.8 74	
+2°	1202.5 1350 1545.1	334 375 429.2	11.3 10 7.19		50 45.1 40.9		74 81.5 74	
+4°	1332.1 1483.2 1606	370 412 446.1	11.15 9.78 8.74		54.7 51.2 51.7	75	74 77.2 74	

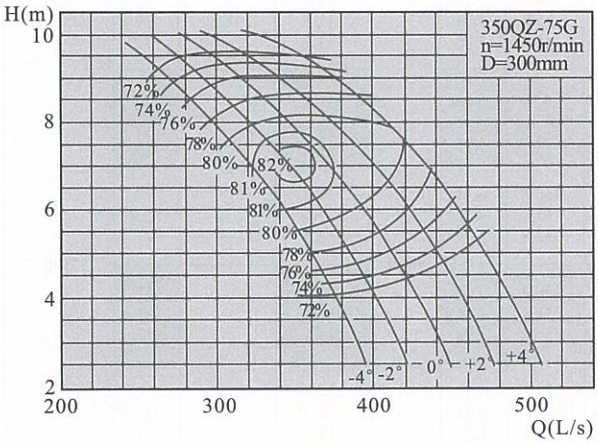
50QZ-50D



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	592.8 608.3 690.8	164.7 169 191.9	4.26 4.25 3.28	980	9.6 9.4 8.6	11	71.9 74.9 74.9	300
-2°	631.7 712.9 820.7	175.5 198 228	4.88 4.39 3.09		11.7 10.8 9.6	15	71.9 78.7 71.9	
0°	698.6 793.2 938.9	194.1 220.3 260.8	5.15 4.61 3.03		13.6 12.4 10.8		71.9 80.3 71.9	
+2°	812.8 912.4 1044.3	225.8 253.4 290.1	5.16 4.57 3.28		15.9 14.2 13	18.5	71.9 80 71.9	
+4°	900.3 1002.4 1085.4	250.1 278.5 301.5	5.09 4.47 3.99		17.4 16.2 16.4	22	71.9 75.3 71.9	

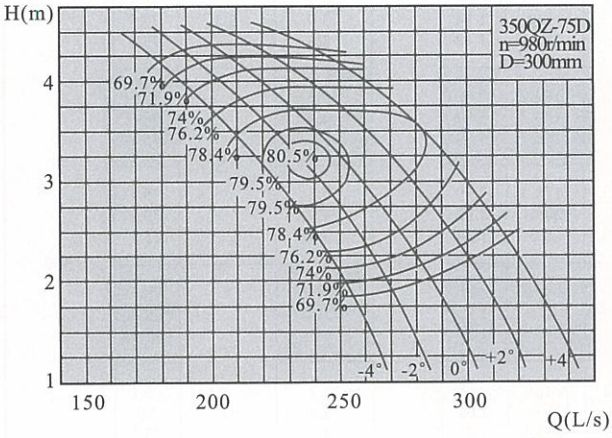
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

350QZ-75G



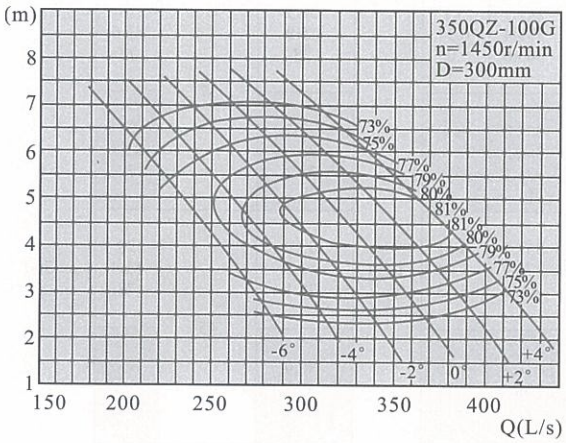
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-4°	1071.9 1221.8 1309	297.7 339.4 363.6	8.1 6.34 5.03	1450	30.3 25.9 23	37	78 81.6 78	300
-2°	1108 1275.5 1386.4	307.8 354.3 385.1	8.4 6.78 5.2		32.5 28.6 25.2		78 82.3 78	
0°	1192.1 1335.2 1454.9	331.1 370.9 404.1	8.61 7.04 5.53		35.9 31.5 28.1	45	78 81.4 78	
+2°	1282.6 1428.8 1537.1	356.3 396.9 427	8.69 7.19 6.16		38.9 34.7 33.1		78 80.8 78	
+4°	1416.9 1495.1 1574.9	393.6 415.3 437.5	8.68 7.62 6.85		43 38.8 37.7	55	78 80 78	

350QZ-75D



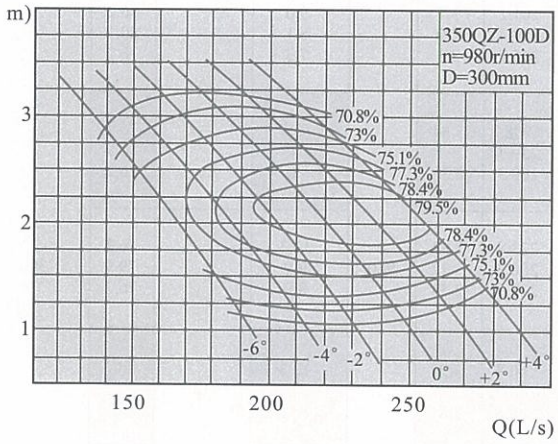
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-4°	724.4 825.8 884.7	201.2 229.4 245.7	3.7 2.9 2.3	980	9.6 8.1 7.3	11	76.2 80.1 76.2	300
-2°	748.9 862 937	208 239.5 260.3	3.84 3.1 2.38		10.3 9 8		76.2 80.9 76.2	
0°	805.7 902.4 983.3	223.8 250.7 273.1	3.93 3.22 2.53		11.3 9.9 8.9	15	76.2 79.9 76.2	
+2°	866.9 965.7 1038.9	240.8 268.2 288.6	3.97 3.28 2.81		12.3 10.9 10.5		76.2 79.2 76.2	
	957.6	266	3.96		13.6		76.2	

50QZ-100G



叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-6°	826.2 900 969.8	229.5 250 269.4	5.26 4.03 3.25	1450	15.4 12.5 11.2	18.5	77 79 77	300
-4°	877.1 1008 1100.8	243.6 280 305.8	5.83 4.1 2.91		18.1 14.1 11.3	22	77 80.1 77	
-2°	938.8 1098 1198.2	260.8 305 332.8	6.11 4.2 2.94		20.3 15.6 12.5		77 80.7 77	
0°	1005.8 1188 1284.3	279.4 330 356.7	6.25 4.21 2.98		22.2 16.8 13.5	30	77 81 77	
+2°	1098.2 1260 1360.1	305.1 350 377.8	6.28 4.43 3.22		24.4 18.7 15.5		77 81.5 77	
+4°	1200.4 1350 1432.2	333.4 375 397.8	6.06 4.45 3.52		25.7 20.2 17.8		77 81.2 77	

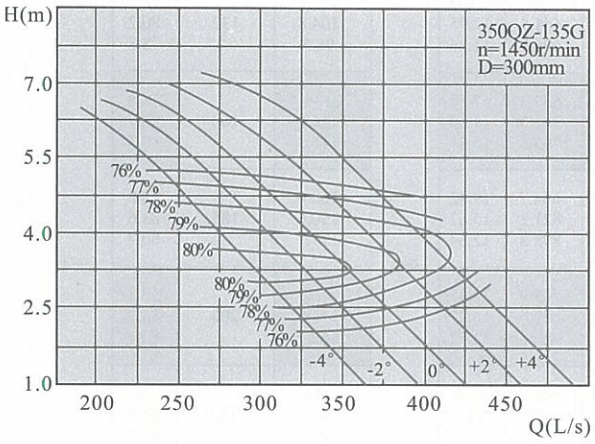
50QZ-100D



叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-6°	558.4 608.3 655.5	155.1 169 182.1	2.4 1.84 1.48	1450	4.9 3.9 3.5	5.5	75.1 77.3 75.1	300
-4°	592.8 681.3 744	164.7 189.2 206.7	2.66 1.87 1.33		5.7 4.4 3.6	7.5	75.1 78.5 75.1	
-2°	634.5 742.1 809.8	176.3 206.1 225	2.79 1.92 1.34		6.4 4.9 3.9		75.1 79.1 75.1	
0°	679.8 802.9 868	188.8 223 241.1	2.85 1.92 1.36		7 5.3 4.3	11	75.1 79.5 75.1	
+2°	742.2 851.6 919.3	206.2 236.6 255.3	2.87 2.02 1.47		7.7 5.9 4.9		75.1 80 75.1	
+4°	811.3 912.4 967.9	225.4 253.4 268.9	2.77 2.03 1.61		8.1 6.3 5.6		75.1 79.7 75.1	

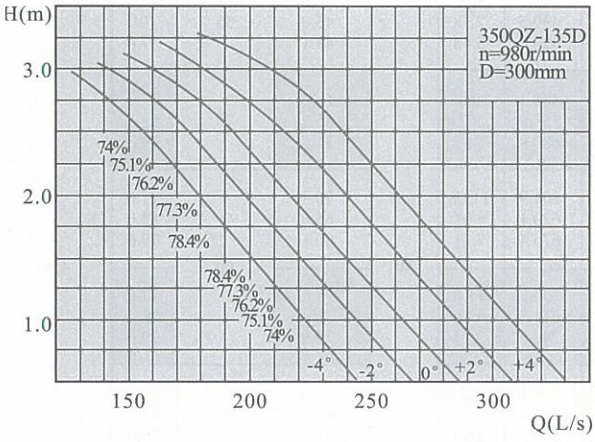
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

350QZ-135G



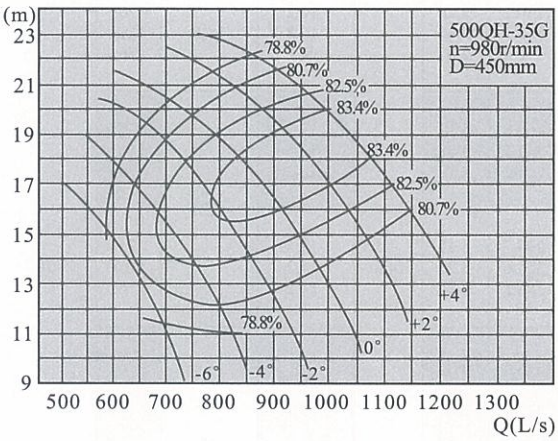
叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-4°	864.4 1116.7 1196.9	240.1 310.2 332.5	5.22 2.88 2.07	1450	16.2 10.8 8.9	18.5	76 80.8 76	300
-2°	964.2 1200.6 1300.2	267.8 333.5 361.2	5.17 3.08 2.19		17.9 12.5 10.2	22	76 80.5 76	
0°	1064.7 1280.2 1390.3	295.7 355.6 386.2	5.12 3.25 2.24		19.5 14.2 11.2		76 80.1 76	
+2°	1211.7 1379.2 1484.9	336.6 383.1 412.5	4.84 3.37 2.47		21 16 13.2	30	76 79.3 76	
+4°	1334.4 1476.4 1563.6	370.7 410.1 434.3	4.87 3.55 2.85		23.3 18.2 16		76 78.5 76	

350QZ-135D



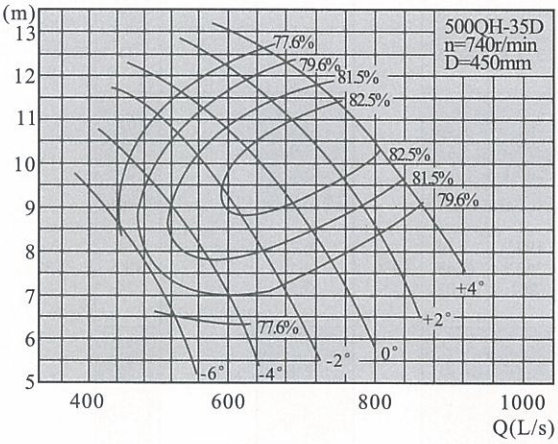
叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-4°	584.2 754.7 808.9	162.3 209.7 224.7	2.38 1.32 0.95	980	5.1 3.4 2.8	5.5	74 79.2 74	300
-2°	651.7 811.4 878.7	181 225.4 244.1	2.36 1.41 1		5.7 3.9 3.2	7.5	74 78.9 74	
0°	719.6 865.2 939.7	199.9 240.3 261	2.34 1.48 1.02		6.2 4.5 3.5		74 78.5 74	
+2°	818.9 932.1 1003.6	227.5 258.9 278.8	2.21 1.54 1.13		6.7 5 4.2		74 77.6 74	
+4°	901.9 997.8	250.5 277.2	2.22 1.62		7.4 5.7	11	74 76.7	

00QH-35G



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-6°	2120.3 2381.4 2508.7	589 661.5 696.9	15.06 12.95 11.36	980	110.3 104.8 98.5	132	78.8 80.2 78.8	450
-4°	2193.4 2668.8 2864.2	609.3 741.3 795.6	17.68 14.39 12.23		134 126.6 118.3	160	78.8 82.7 80.7	
-2°	2392.9 2956.2 3224.7	664.7 821.2 895.8	19.42 15.62 12.64		160.6 150.6 137.7	185	78.8 83.6 80.7	
0°	2552.2 3202.6 3531	708.9 889.6 980.8	20.35 16.77 13.62		179.5 174.5 162.4	200	78.8 83.9 80.7	
+2°	2832.2 3448.9 3843.9	786.7 958 1067.8	21.45 18.22 14.78		210 202.8 191.9	250	78.8 84.5 80.7	
+4°	3080.2 3695.3 4114.9	855.6 1026.5 1143	22.11 19.01 15.9		235.3 228.3 221	280	78.8 83.9 80.7	

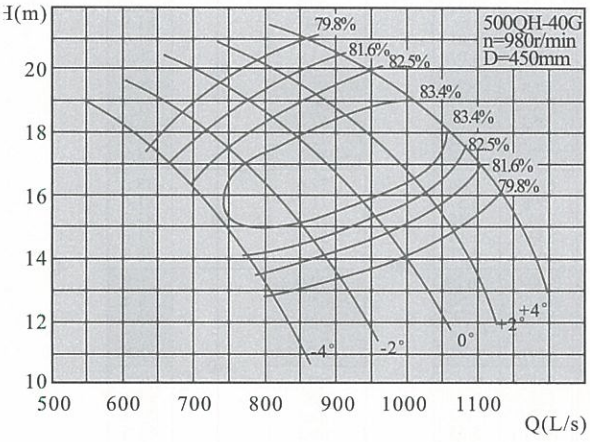
00QH-35D



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-6°	1601 1798.2 1894.3	444.7 499.5 526.2	8.59 7.38 6.48	740	48.2 45.8 43.1	55	77.6 79 77.6	450
-4°	1656.2 2015.2 2162.8	460.1 559.8 600.8	10.08 8.2 6.97		58.6 55.2 51.7	75	77.6 81.7 79.6	
-2°	1806.9 2232.2 2435	501.9 620.1 676.4	11.08 8.91 7.21		70.3 65.6 60.1	90	77.6 82.6 79.6	
0°	1927.2 2418.3 2666.3	535.3 671.7 740.6	11.6 9.56 7.76		78.5 76 70.9		77.6 83 79.6	
+2°	2138.6 2604.3 2902.5	594.1 723.4 806.3	12.23 10.39 8.43		91.8 88.2 83.8	110	77.6 83.6 79.6	
+4°	2325.9 2790.3 3107.2	646.1 775.1 863.1	12.61 10.84 9.07		102.9 99.4 96.5	132	77.6 82.9 79.6	

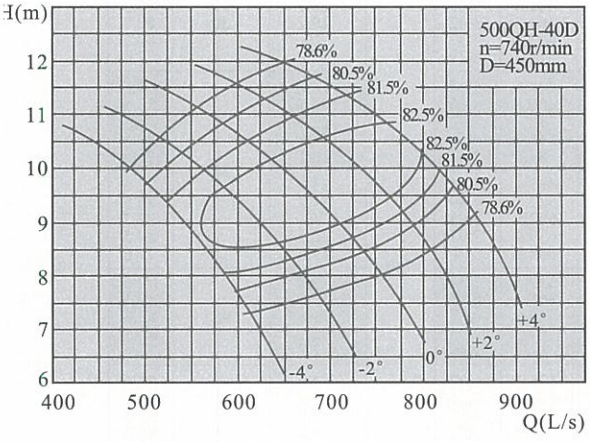
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

500QH-40G



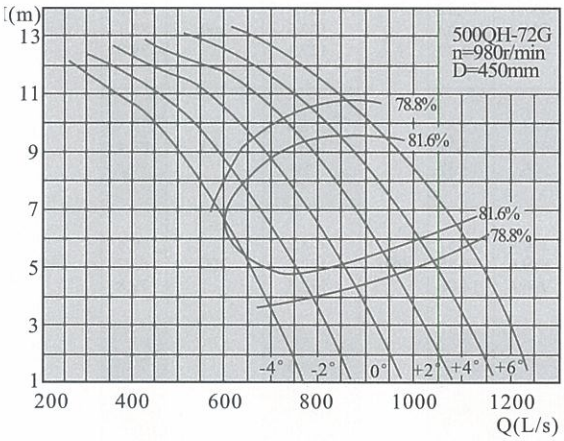
叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	2293.5 2668.8 2910.2	637.1 741.3 808.4	17.52 14.03 12.79	980	137.3 122.8 127.1	160	79.8 83.1 79.8	450
-2°	2463.2 2956.2 3262.5	684.2 821.2 906.3	18.58 15.21 13.37		156.4 146.8 149	185	79.8 83.4 79.8	
0°	2665.6 3202.6 3587.2	740.4 889.6 996.4	19.57 16.55 14.06		178.2 172.5 172.3	200	79.8 83.7 79.8	
+2°	2835.4 3448.9 3839.7	787.6 958 1066.6	20.27 17.68 14.82		196.3 196.9 194.4	220	79.8 84.4 79.8	
+4°	3084.5 3695.3 4072.7	856.8 1026.5 1131.3	20.96 18.71 16.02		220.8 224.5 222.9	250	79.8 83.9 79.8	

500QH-40D



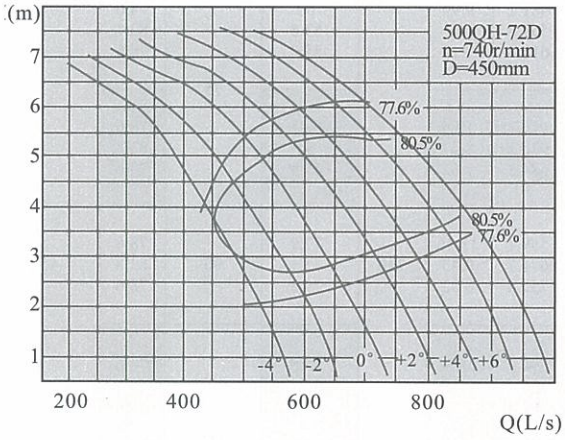
叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	1731.9 2015.2 2197.5	481.1 559.8 610.4	9.99 8 7.29	740	60 53.5 55.5	75	78.6 82.1 78.6	450
-2°	1860 2232.2 2463.5	516.7 620.1 684.3	10.6 8.67 7.62		68.3 64 65.1		78.6 82.5 78.6	
0°	2012.8 2418.3 2708.7	559.1 671.7 752.4	11.16 9.43 8.02		77.9 75.1 75.3	90	78.6 82.8 78.6	
+2°	2141 2604.3 2899.4	594.7 723.4 805.4	11.56 10.08 8.45		85.8 85.7 84.9	110	78.6 83.5 78.6	
[illegible]	2329.1 [illegible]	647 [illegible]	11.95 [illegible]		96.5 [illegible]		78.6 [illegible]	

00QH-72G



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	1864.1	517.8	8.53	980	55	75	78.8	450
	2135	593.1	6.47		46.2		81.6	
	2200.7	611.3	6		44		81.8	
	2209	613.6	5.91		43.6		81.6	
	2447.1	679.7	4.01		33.9		78.8	
-2°	2044.7	568	9.25		65.4		78.8	
	2225.4	618.2	8.17		60.7		81.6	
	2455.3	682	6.52		52.6		83	
	2701.7	750.5	4.73		42.6		81.6	
	2800.2	777.8	3.8		36.8		78.8	
0°	2323.9	645.5	9.66		77.6	90	78.8	
	2512.8	698	8.57		71.9		81.6	
	2824.8	784.7	6.45		59.7		83.3	
	3005.5	834.9	5.14		51.6		81.6	
	3112.2	864.5	4.21		45.3		78.8	
+2°	2529.2	702.6	10.29		89.9	110	78.8	
	2677	743.6	9.56		85.4		81.6	
	3030.1	841.7	7.4		73		83.7	
	3358.6	932.9	5.14		57.6		81.6	
	3490	969.4	4.32		52.1		78.8	
+4°	2759.1	766.4	10.64		101.4		78.8	
	2956.2	821.2	9.72		96		81.6	
	3317.5	921.5	7.58		82.3		83.3	
	3613.2	1003.7	5.65		68.2		81.6	
	3777.4	1049.3	4.62		60.4		78.8	
+6°	3038.3	844	10.79		113.3	132	78.8	
	3284.7	912.4	9.46		103.7		81.6	
	3522.8	978.6	8.37		96.8		82.9	
	3859.5	1072.1	6.37		82.1		81.6	
	3941.4	1094.9	5.76		78.4		78.8	

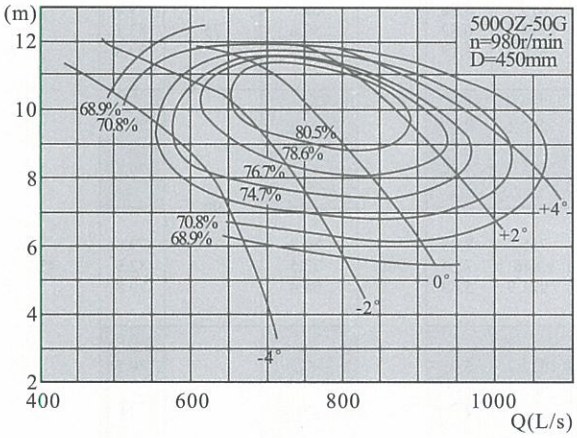
00QH-72D



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	1407.69	391	4.86	740	24	30	77.6	450
	1612.2	447.8	3.69		20.1		80.5	
	1661.8	461.8	3.42		19.2		80.7	
	1168	463.3	3.37		19		80.5	
	1847.8	513.3	2.29		14.8		77.6	
-2°	1544	428.9	5.27		28.6	37	77.6	
	1680.4	466.8	4.66		26.5		80.5	
	1854	515	3.72		22.9		82	
	2040	566.7	2.7		18.6		80.5	
	2114.4	587.3	2.17		16.1		77.6	
0°	1754.8	487.4	5.51		33.9		77.6	
	1897.4	527.1	4.89		31.4		80.5	
	2133	592.5	3.68		26		82.3	
	2269.5	630.4	2.93		22.5		80.5	
	2350.1	652.8	2.4		19.8		77.6	
+2°	1909.8	530.5	5.87		39.3	45	77.6	
	2021.4	561.5	5.45		37.3		80.5	
	2288.1	635.6	4.22		31.8		82.8	
	2536.1	704.5	2.93		25.1		80.5	
	2635.3	732	2.46		22.8		77.6	
+4°	2083.4	578.7	6.07		44.4	55	77.6	
	2232.2	620.1	5.54		41.9		80.5	
	2505.1	695.9	4.32		35.9		82.3	
	2728.3	757.9	3.22		29.8		80.5	
	2852.3	792.3	2.64		26.4		77.6	
+6°	2294.3	637.3	6.15		49.6		77.6	
	2480.3	689	5.39		45.2		80.5	
	2660.1	738.9	4.77		42.2		82	
	2914.3	809.5	3.63		35.8		80.5	
	2976.3	826.8	3.28		34.3		77.6	

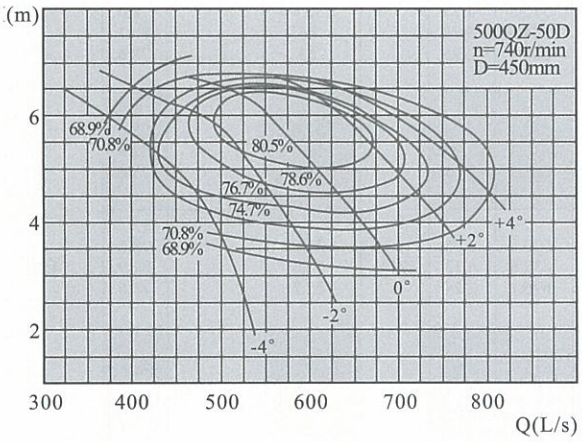
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

00QZ-50G



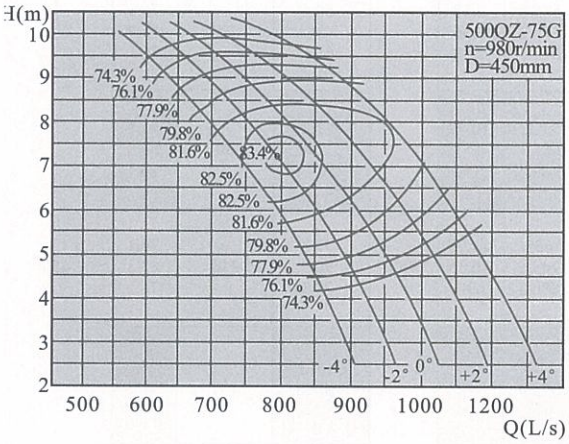
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	2000.9 2052.9 2331.6	555.8 570.3 647.7	9.58 9.56 7.38	980	68.6 68 61.6	75	76.1 78.7 76.1	450
-2°	2131.8 2406 2769.9	592.2 668.3 769.4	10.99 9.87 6.96		83.9 79 69	90	76.1 81.9 76.1	
0°	2357.8 2677 3168.9	655 743.6 880.3	11.58 10.38 6.81		97.8 90.9 77.3	110	76.1 83.3 76.1	
+2°	2743 3079.4 3524.5	762 855.4 979	11.61 10.28 7.39		114.1 103.9 93.3	132	76.1 83 76.1	
+4°	3038.5 3383.2 3663.3	844 939.8 1017.6	11.46 10.05 8.98		124.7 117.3 117.8	160	76.1 79 76.1	

00QZ-50D



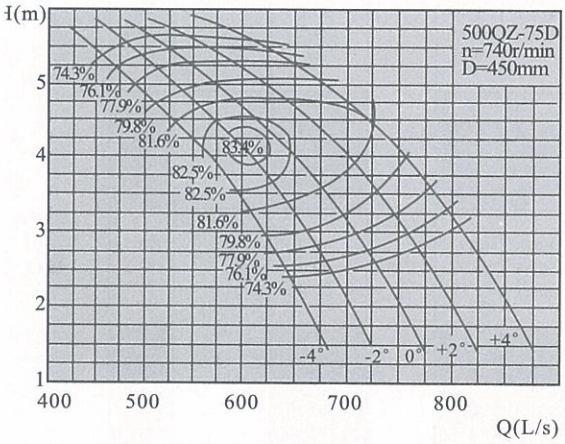
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	1510.9 1550.2 1760.6	419.7 430.6 489	5.46 5.45 4.21	740	30.1 29.7 27	37	74.7 77.4 74.7	450
-2°	1609.8 1816.8 2091.6	447.2 504.7 581	6.26 5.63 3.97		36.8 34.5 30.3	45	74.7 80.8 74.7	
0°	1780.4 2021.4 2392.8	494.6 561.5 664.7	6.6 5.92 3.89		42.9 39.6 33.9	55	74.7 82.3 74.7	
+2°	2071.3 2325.3 2661.3	575.4 645.9 739.3	6.62 5.86 4.21		50 45.3 40.9		74.7 82 74.7	
+4°	2294.4 2554.7	637.3 709.6	6.53 5.73		54.7 51.3	75	74.7 77.8	

500QZ-75G



叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 D Outer diameter of impeller (mm)
-4°	2445 2787.1 2985.8	679.2 774.2 829.4	8.32 6.52 5.17	980	69.5 59.6 52.7	75	79.8 83.1 79.8	450
-2°	2527.5 2909.4 3162.4	702.1 808.2 878.4	8.63 6.97 5.34		74.5 66 57.7	90	79.8 83.7 79.8	
0°	2719.3 3045.7 3318.8	755.4 846 921.9	8.85 7.24 5.68		82.2 72.5 64.4		79.8 82.9 79.8	
+2°	2925.8 3259.2 3506.2	812.7 905.3 973.9	8.93 7.39 6.33		89.3 79.7 75.8	110	79.8 82.3 79.8	
+4°	3232 3410.3 3592.5	897.8 947.3 997.9	8.92 7.83 7.04		98.5 89.1 86.4		79.8 81.6 79.8	

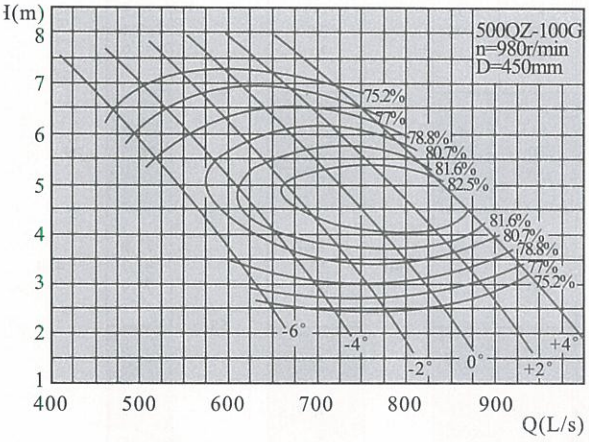
500QZ-75D



叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 D Outer diameter of impeller (mm)
-4°	1846.2 2104.5 2254.6	512.8 584.6 626.3	4.75 3.72 2.95	740	30.4 26 23	37	78.6 82.1 78.6	450
-2°	1908.5 2196.9 2387.9	530.1 610.3 663.3	4.92 3.97 3.05		32.6 28.7 25.2		78.6 82.8 78.6	
0°	2053.4 2299.8 2506	570.4 638.8 696.1	5.05 4.13 3.24		35.9 31.6 28.2	45	78.6 81.9 78.6	
+2°	2209.2 2461.1 2647.5	613.7 683.6 735.4	5.09 4.21 3.61		39 34.8 33.1		78.6 81.3 78.6	
+4°	2440.5 2575.1 2712.7	677.9 715.3 753.5	5.09 4.47 4.01		43 38.9 37.8	55	78.6 80.6 78.6	

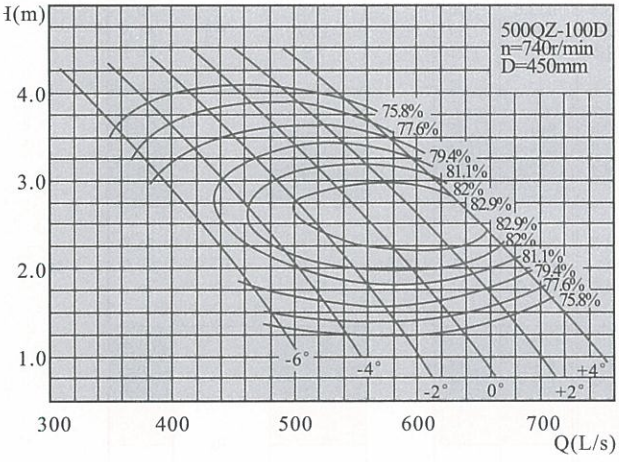
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

500QZ-100G



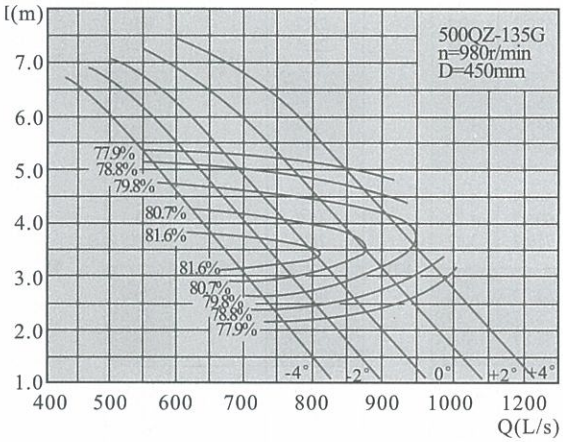
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-6°	1884.5 2052.9 2212.2	523.5 570.3 614.5	5.41 4.14 3.34	980	35.2 28.7 25.5	45	78.8 80.7 78.8	450
-4°	2000.6 2299.3 2510.9	555.7 638.7 697.5	5.99 4.21 2.99		41.4 32.3 26		78.8 81.7 78.8	
-2°	2141.5 2504.6 2733.2	594.8 695.7 759.2	6.28 4.32 3.02		46.5 35.8 28.5	55	78.8 82.3 78.8	
0°	2294.4 2709.9 2929.5	637.3 752.7 813.7	6.42 4.33 3.06		50.9 38.7 31		78.8 82.5 78.8	
+2°	2505.1 2874.1 3102.5	695.9 798.4 861.8	6.45 4.55 3.31		55.9 43 35.5	75	78.8 83 78.8	
+4°	2738.1 3079.4 3266.8	760.6 855.4 907.4	6.23 4.57 3.62		58.9 46.4 40.8		78.8 82.7 78.8	

500QZ-100D



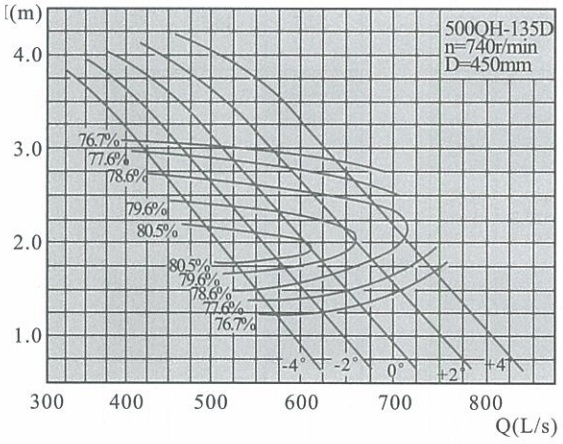
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-6°	1423 1550.2 1670.5	395.3 430.6 464	3.08 2.36 1.9	740	15.4 12.5 11.2	18.5	77.6 79.6 77.6	450
-4°	1510.7 1736.2 1896	419.6 482.3 526.7	3.42 2.4 1.71		18.1 14.1 11.3	22	77.6 80.6 77.6	
-2°	1617 1891.2 2063.8	449.2 525.3 573.3	3.58 2.46 1.72		20.3 15.6 12.5		77.6 81.2 77.6	
0°	1732.5 2046.2 2212	481.2 568.4 614.5	3.66 2.47 1.75		22.3 16.9 13.6	30	77.6 81.5 77.6	
+2°	1891.6 2170.2 2342.7	525.4 602.8 650.7	3.68 2.6 1.89		24.4 18.7 15.5		77.6 82 77.6	
	2067.6	574.3	3.55		25.8		77.6	

500QZ-135G



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	1971.7 2547.3 2730.2	547.7 707.6 758.4	5.36 2.96 2.13	980	37 24.9 20.3	45	77.9 82.4 77.9	450
-2°	2199.4 2738.6 2965.7	611 760.7 823.8	5.31 3.17 2.25		40.9 28.8 23.3		77.9 82 77.9	
0°	2428.5 2920.1 3171.4	674.6 811.1 880.9	5.26 3.34 2.3		44.7 32.5 25.5	55	77.9 81.7 77.9	
+2°	2763.9 3145.9 3387.1	767.8 873.9 940.9	4.97 3.46 2.54		48.1 36.7 30.1		77.9 80.9 77.9	
+4°	3043.8 3367.6 3566.6	845.5 935.5 990.7	5.01 3.65 2.93		53.3 41.7 36.5	75	77.9 80.2 77.9	

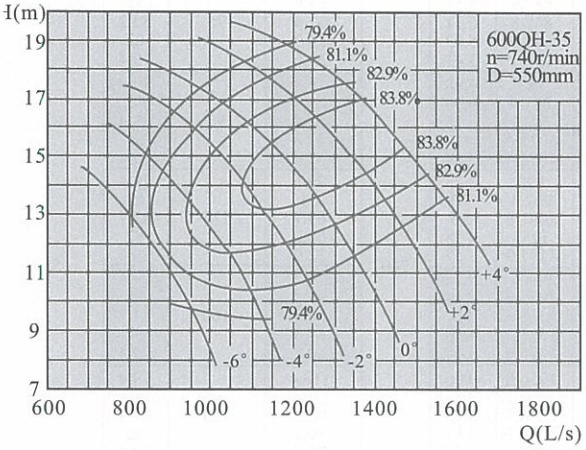
500QZ-135D



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	1488.8 1923.5 2061.5	413.6 534.3 572.7	3.06 1.69 1.21	740	16.2 10.9 8.9	18.5	76.7 81.3 76.7	450
-2°	1660.8 2067.9 2239.4	461.3 574.4 622.1	3.03 1.8 1.28		17.9 12.6 10.2	22	76.7 81 76.7	
0°	1833.8 2205 2394.7	509.4 612.5 665.2	3 1.9 1.31		19.6 14.2 11.2		76.7 80.5 76.7	
+2°	2087 2375.5 2557.6	579.7 659.9 710.4	2.84 1.97 1.45		21 16 13.2	30	76.7 79.8 76.7	
+4°	2298.4 2542.9 2693.1	638.4 706.4 748.1	2.85 2.08 1.67		23.3 18.2 16		76.7 79.1 76.7	

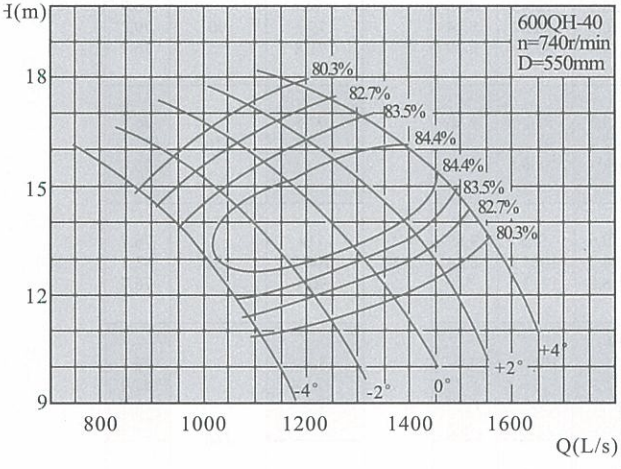
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

600QH-35



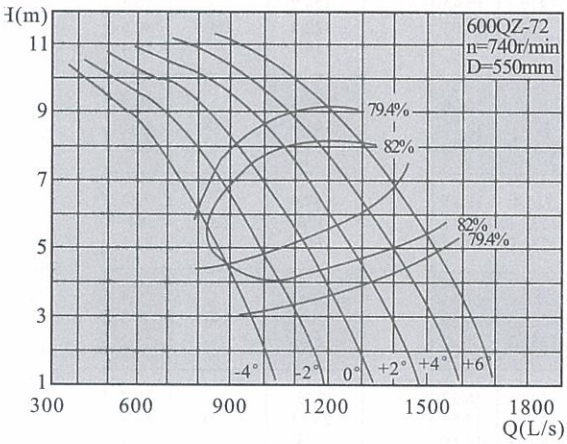
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 D Outer diameter of impeller (mm)
-6°	2923.1 3283.1 3458.6	812 912 960.7	12.82 11.03 9.67	740	128.7 122.4 114.9	160	79.4 80.6 79.4	550
-4°	3023.9 3679.4 3948.8	840 1022 1096.9	15.06 12.26 10.42		156.4 147.9 138.1	185	79.4 83.1 81.1	
-2°	3299 4075.6 4445.8	916.4 1132.1 1234.9	16.55 13.31 10.77		187.4 176 160.8	220	79.4 84 81.1	
0°	3518.6 4415.2 4868.1	977.4 1226.5 1352.2	17.33 14.29 11.6		209.4 204 189.6	250	79.4 84.3 81.1	
+2°	3904.7 4754.9 5299.4	1084.6 1320.8 1472.1	18.27 15.52 12.59		245 237.1 224	280	79.4 84.8 81.1	
+4°	4246.6 5094.6 5673	1179.6 1415.1 1575.8	18.83 16.2 13.54		274.6 266.8 258	315	79.4 84.3 81.1	

600QH-40



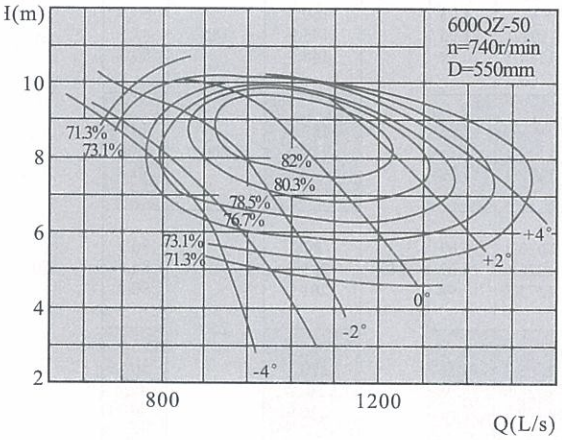
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 D Outer diameter of impeller (mm)
-4°	3162 3679.4 4012.2	878.3 1022 1114.5	14.93 11.95 10.89	740	160.3 143.5 148.4	185	80.3 83.5 80.3	550
-2°	3395.9 4075.6 4497.9	943.3 1132.1 1249.4	15.83 12.96 11.39		182.5 171.6 173.9	200	80.3 83.8 80.3	
0°	3675 4415.2 4945.5	1020.8 1226.5 1373.8	16.67 14.09 11.98		208 201.6 201.1	250	80.3 84.1 80.3	
+2°	3909.1 4754.9 5293.7	1085.9 1320.8 1470.5	17.26 15.06 12.62		229.1 230.2 226.9		80.3 84.7 80.3	
[illegible]	4252.4	1181.2	17.85		257.7		80.3	

600QH-72



叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	2569.9	713.9	7.27	740	64.1	75	79.4	550
	2943.5	817.6	5.52		53.9		82	
	3034.1	842.8	5.11		51.4		82.2	
	3045.4	845.9	5.03		50.9		82	
	3373.7	937.1	3.41		39.6		79.4	
-2°	2819	783	7.88		76.3	90	79.4	
	3068	852.2	6.96		70.9		82	
	3385	940.3	5.55		61.4		83.4	
	3724.7	1034.6	4.0		49.8		82	
	3860.5	1072.4	3.24		42.9		79.4	
0°	3203.9	890	8.23		90.5	110	79.4	
	3464.3	962.3	7.3		84		82	
	3894.5	1081.8	5.5		69.7		83.7	
	4143.5	1151	4.38		60.2		82	
	4290.7	1191.9	3.59		52.9		79.4	
+2°	3486.9	968.6	8.76		104.9	160	79.4	
	3690.7	1025.2	8.14		99.8		82	
	4177.5	1160.4	6.3		85.3		84.1	
	4630.4	1286.2	4.38		67.3		82	
	4811.5	1336.5	3.68		60.7		79.4	
+4°	3803.9	1056.6	9.06		118.4	160	79.4	
	4075.6	1132.1	8.28		112.1		82	
	4573.7	1270.5	6.46		96.2		83.3	
	4981.3	1383.7	4.81		79.7		82	
	5207.7	1446.6	3.94		70.4		79.4	
+6°	4188.8	1163.6	9.19		132.2	160	79.4	
	4528.5	1257.9	8.05		121.1		82	
	4856.8	1349.1	7.13		113.2		83.3	
	5320.9	1478	5.43		95.9		82	
	5434.2	1509.5	4.9		91.5		79.4	

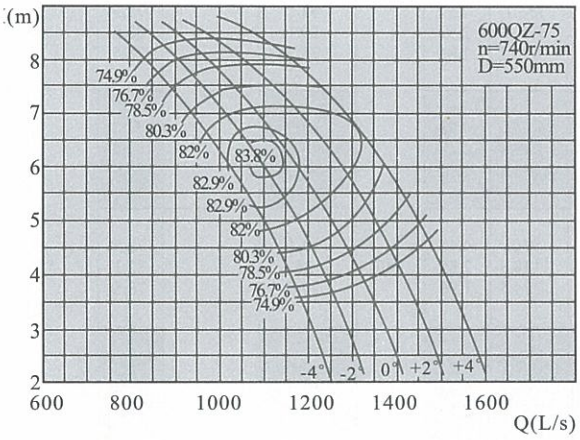
600QZ-50



叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	2758.5	766.3	8.16	740	80	90	76.7	550
	2830.3	786.2	8.14		79.3		79.2	
	3214.4	892.9	6.29		71.8		76.7	
-2°	2939.1	816.4	9.36		97.8	110	76.7	
	3317.1	921.4	8.4		92.3		82.3	
	3818.7	1060.8	5.93		80.4		76.7	
0°	3250.6	903	9.87		114	132	76.7	
	3690.7	1025.2	8.84		106.3		83.7	
	4368.8	1213.6	5.8		90.1		76.7	
+2°	3781.7	1050.5	9.89		133	160	76.7	
	4245.4	1179.3	8.75		121.4		83.4	
	4859	1349.7	6.29		108.7		76.7	
+4°	4189.1	1163.6	9.76		145.3		76.7	
	4664.3	1295.6	8.56		136.8		79.5	
	5050.4	1402.9	7.65		137.4		76.7	

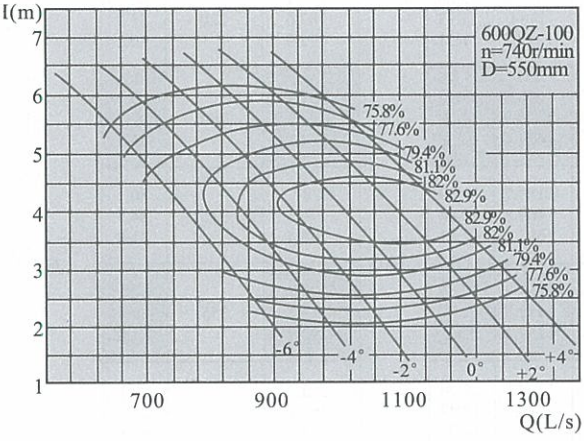
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

600QZ-75



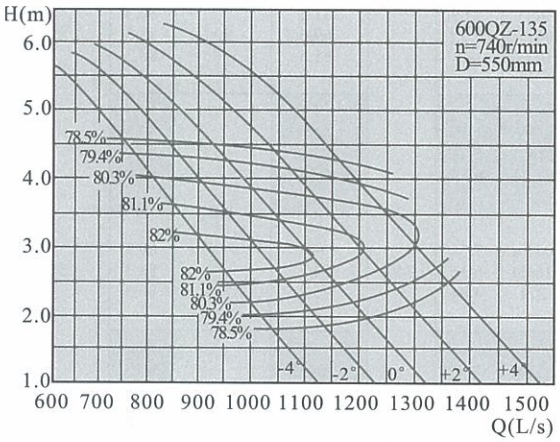
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	3370.8 3842.4 4116.4	936.3 1067.3 1143.4	7.09 5.55 4.4	740	81.2 69.6 61.5	90	80.3 83.5 80.3	550
-2°	3484.5 4011.1 4359.9	967.9 1114..2 1211.1	7.35 5.94 4.55		87 77.1 67.4	110	80.3 84.1 80.3	
0°	3749 4199 4575.4	1041.4 1166.4 1271	7.54 6.16 4.84		96 84.7 75.2		80.3 83.3 80.3	
+2°	4033.6 4493.4 4833.8	1120.4 1248.2 1342.7	7.61 6.29 5.39		104.2 93.1 88.5	132	80.3 82.7 80.3	
+4°	4455.8 4701.7 4952.8	1237.7 1306 1375.8	7.6 6.67 6		115 104.1 100.8		80.3 82.1 80.3	

600QZ-100



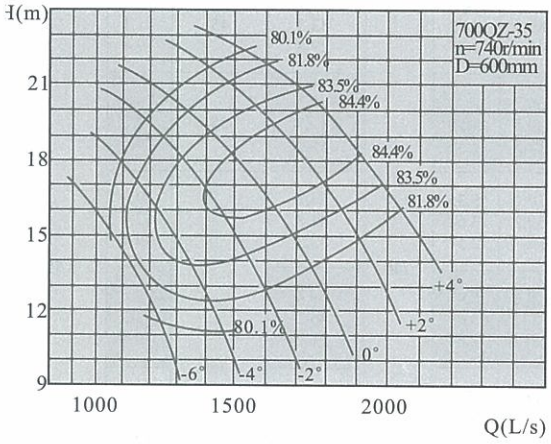
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-6°	2598.1 2830.3 3049.9	721.7 786.2 847.2	4.6 3.53 2.85	740	41.1 33.5 29.8	45	79.4 81.1 79.4	550
-4°	2758.2 3169.9 3461.7	766.2 880.5 961.5	5.1 3.59 2.55		48.3 37.7 30.3	55	79.4 82.1 79.4	
-2°	2952.3 3453 3768.1	820.1 959.2 1046.7	5.35 3.68 2.57		54.2 41.8 33.3	75	79.4 82.7 79.4	
0°	3163.1 3736 4038.7	878.6 1037.8 1121.9	5.47 3.69 2.61		59.4 45.2 36.2		79.4 82.9 79.4	
+2°	3453.6 3962.4 4277.2	959.3 1100.7 1188.1	5.5 3.88 2.82		65.2 50.2 41.4		79.4 83.4 79.4	
	3774.9	1048.6	5.3		68.8		79.4	

600QZ-135



叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-4°	2718.3 3511.8 3763.9	755.1 975.5 1045.5	4.57 2.52 1.81	740	43.1 29.1 23.7	55	78.5 82.8 78.5	550
-2°	3032.3 3775.6 4088.7	842.3 1048.8 1135.8	4.53 2.7 1.92		47.7 33.6 27.2		78.5 82.5 78.5	
0°	3348.1 4025.8 4372.2	930 1118.3 1214.5	4.48 2.85 1.96		52.1 38 29.8	75	78.5 82.1 78.5	
+2°	3810.5 4337.1 4669.6	1058.5 1204.8 1297.1	4.24 2.95 2.16		56.1 42.8 35.1		78.5 81.4 78.5	
+4°	4196.4 4642.8 4917.1	1165.7 1289.7 1365.9	4.26 3.11 2.49		62.1 48.7 42.6		78.5 80.7 78.5	

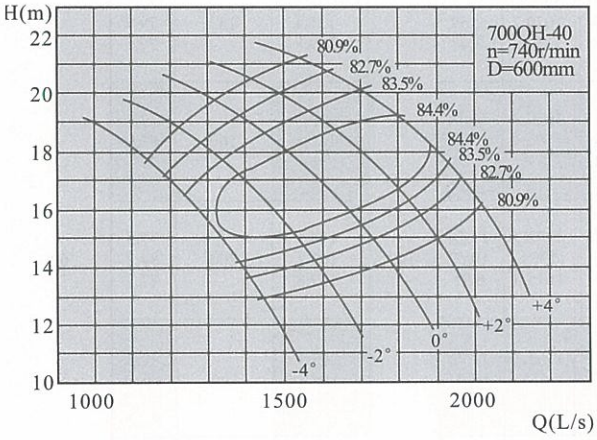
700QH-35



叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-6°	3795 4262.4 4490.2	1054.2 1184 1247.3	15.26 13.13 11.51	740	197.1 187.6 175.9	220	80.1 81.3 80.1	600
-4°	3925.8 4776.8 5126.6	1090.5 1326.9 1424.1	17.92 14.59 12.4		239.4 226.9 211.7	280	80.1 83.7 81.8	
-2°	4283 5291.3 5771.9	1189.7 1469.8 1603.3	19.69 15.84 12.81		287 270.1 246.4	315	80.1 84.5 81.8	
0°	4568.1 5732.2 6320.1	1268.9 1592.8 1755.6	20.63 17 13.8		320.7 313.1 290.7	355	80.1 84.8 81.8	
+2°	5069.3 6173.1 6880.1	1408.1 1714.8 1911.1	21.74 18.47 14.98		375.2 364.1 343.4	450	80.1 85.3 81.8	
+4°	5513.2 6614.1 7365.1	1531.4 1837.2 2045.9	22.41 19.27 16.12		420.5 409.7 395.5		80.1 84.8 81.8	

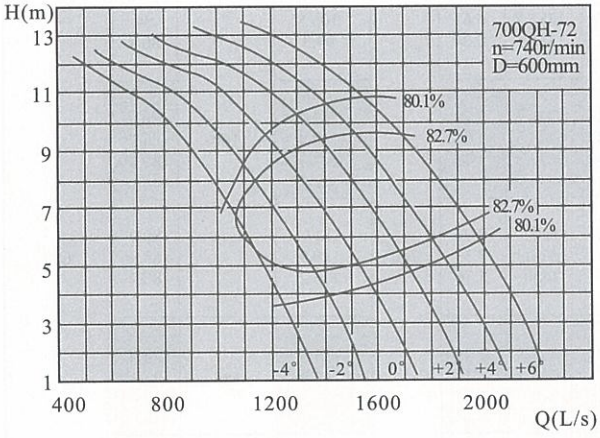
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

700QH-40



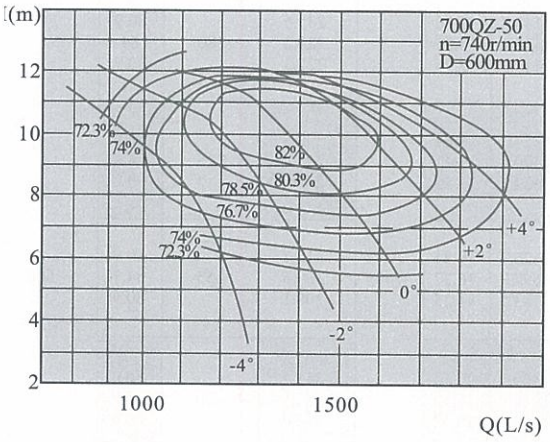
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-4°	4105.1 4776.8 5208.9	1140.3 1326.9 1446.9	17.76 14.22 12.96	740	245.5 220.2 227.3	280	80.9 84 80.9	600
-2°	4408.8 5291.3 5839.5	1224.7 1469.8 1622.1	18.84 15.42 13.55		279.6 263.4 266.5	315	80.9 84.4 80.9	
0°	4771.1 5732.2 6420.6	1325.3 1592.3 1783.5	19.84 16.77 14.25		318.7 309.5 308.1	355	80.9 84.7 80.9	
+2°	5075 6173.1 6872.6	1409.7 1714.8 1909.1	20.54 17.92 15.02		351.1 353.5 347.7	400	80.9 85.3 80.9	
+4°	5520.8 6614.1 7289.6	1533.6 1837.2 2024.9	21.24 18.96 16.24		394.9 402.9 398.7	450	80.9 84.8 80.9	

700QH-72



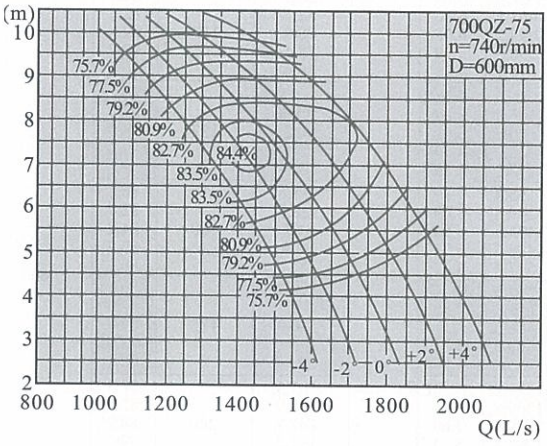
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-4°	3336.4 3821.5 3939 3953.7 4380	926.8 1061.5 1094.2 1098.3 1216.7	8.65 6.56 6.08 5.99 4.06	740	98.2 82.7 78.9 78.1 60.6	110	80.1 82.7 82.8 82.7 80.1	600
-2°	3659.8 3983.1 4394.7 4835.6 5012	1016.6 1106.4 1220.7 1343.2 1392.2	9.38 8.28 6.61 4.79 3.85		116.8 108.8 94.2 76.4 65.8	132	80.1 82.7 83.9 82.7 80.1	
0°	4159.5 4497.6 5056.1 5379.4 5570.5	1155.4 1249.3 1404.5 1494.3 1547.4	9.79 8.69 6.54 5.21 4.27		138.6 128.8 107 92.4 81	160	80.1 82.7 84.2 82.7 80.1	
+2°	4527 4791.5 5423.5 6011.5 6246.6	1257.5 1331 1506.5 1669.8 1735.2	10.43 9.69 7.5 5.21 4.38		160.7 153 130.9 103.2 93	185	80.1 82.7 84.7 82.7 80.1	
+4°	4938.5 5291.3 5938 6467.1 6761	1371.8 1469.8 1649.4 1796.4 1878.1	10.78 9.86 7.69 5.73 4.69		181.3 171.9 147.7 122.2 107.9	200	80.1 82.7 84.2 82.7 80.1	
	5438.2 5879.2	1510.6 1633.1	10.94 9.58		202.5 185.8		80.1 82.7	

'00QZ-50



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	3581.3 3674.5 4173.2	994.8 1020.7 1159.2	9.71 9.69 7.48	740	122.3 121.4 109.8	132	77.5 79.9 77.5	600
-2°	3815.7 4306.5 4957.8	1059.9 1196.2 1377.2	11.14 10 7.05		149.5 141.5 123	160	77.5 82.9 77.5	
0°	4220.2 4791.5 5671.9	1172.3 1331 1575.5	11.74 10.52 6.91		174.3 163.1 137.8	200	77.5 84.2 77.5	
+2°	4909.7 5511.7 6308.4	1363.8 1531 1752.3	11.77 10.42 7.49		203.3 186.4 166.2	220	77.5 84 77.5	
+4°	5438.5 6055.5 6556.7	1510.7 1682.1 1821.3	11.62 10.19 9.11		222.3 209.6 210	250	77.5 80.2 77.5	

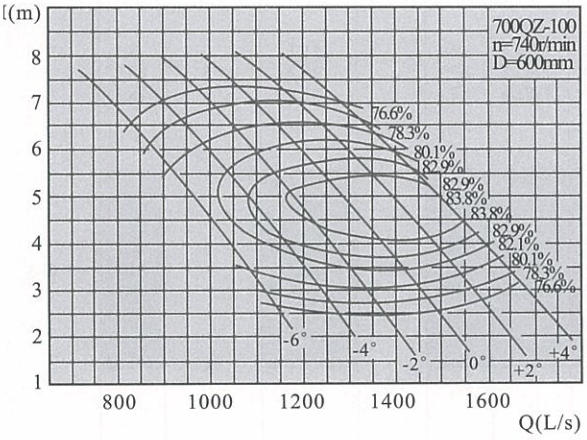
00QZ-75



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	4376.2 4988.5 5344.2	1215.6 1385.7 1484.5	8.44 6.61 5.24	740	124.3 106.8 94.3	160	80.9 84 80.9	600
-2°	4523.9 5207.5 5660.3	1256.6 1446.5 1572.3	8.75 7.06 5.42		133.3 118.4 103.3		80.9 84.7 80.9	
0°	4867.2 5451.5 5940.2	1352 1514.3 1650	8.97 7.33 5.76		147 129.9 115.2		80.9 83.9 80.9	
+2°	5236.7 5833.6 6275.6	1454.6 1620.4 1743.2	9.05 7.49 6.42		159.6 142.9 135.6	185	80.9 83.3 80.9	
+4°	5784.8 6104.1 6430.1	1606.9 1695.6 1786.1	9.04 7.94 7.14		176.1 159.7 154.5	200	80.9 82.7 80.9	

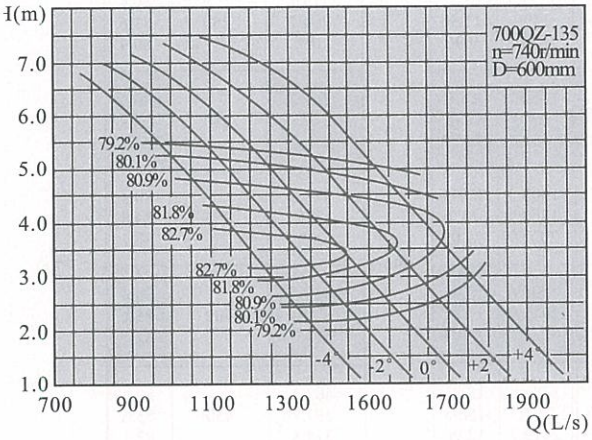
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

700QZ-100



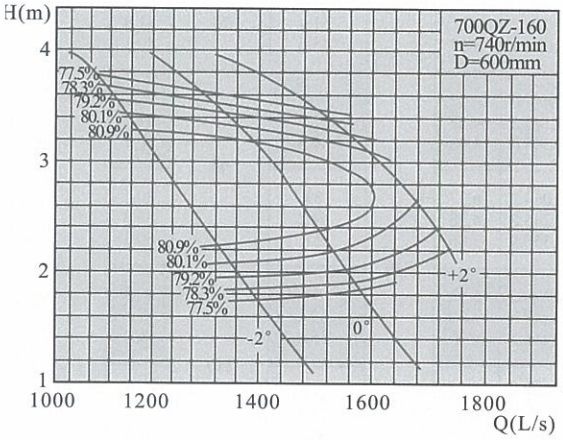
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-6°	3373 3674.5 3959.6	937 1020.7 1099.9	5.48 4.2 3.39	740	62.9 51.4 45.6	75	80.1 81.8 80.1	600
-4°	3580.9 4115.4 4494.2	994.7 1143.2 1248.4	6.07 4.27 3.03		74 57.9 46.4	90	80.1 82.7 80.1	
-2°	3832.9 4482.9 4892.7	1064.7 1245.2 1358.9	6.37 4.38 3.06		83 64.2 51		80.1 83.3 80.1	
0°	4106.6 4850.3 5243.3	1140.7 1347.3 1456.5	6.51 4.39 3.1		91 69.4 55.4	110	80.1 83.5 80.1	
+2°	4483.8 5144.3 5553	1245.5 1429 1542.5	6.54 4.62 3.35		99.8 77.1 63.4		80.1 84 80.1	
+4°	4900.9 5511.7 5847.1	1361.4 1531 1624.2	6.31 4.64 3.67		105.3 83.2 73	132	80.1 83.7 80.1	

700QZ-135



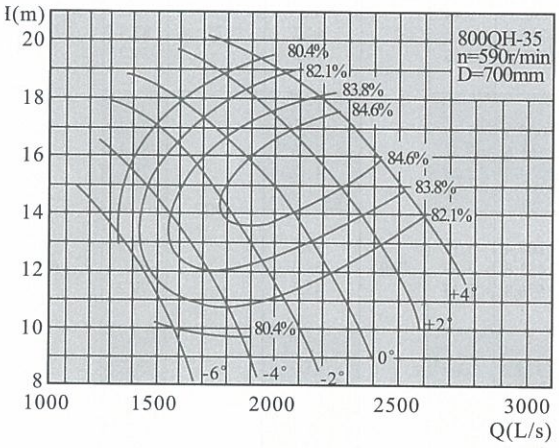
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	3529.1 4559.3 4886.6	980.3 1266.5 1357.4	5.44 3 2.16	740	66 44.7 36.3	75	79.2 83.4 79.2	600
-2°	3936.7 4901.8 5308.3	1093.5 1361.6 1474.5	5.39 3.21 2.28		73 51.6 41.7	90	79.2 83.1 79.2	
0°	4346.8 5226.6 5676.3	1207.4 1451.8 1576.8	5.33 3.39 2.33		79.8 58.3 45.6		79.2 82.7 79.2	
+2°	4947 5630.8 6062.5	1374.2 1564.1 1684	5.04 3.51 2.57		85.8 65.7 53.7	110	79.2 82 79.2	
[illegible]	5448.1 [illegible]	1513.4 [illegible]	5.07 [illegible]		95.1 [illegible]		79.2 [illegible]	

700QZ-160



叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-2°	3990.2 4556.4 4977.3	1108.4 1265.7 1382.6	3.68 2.59 1.83	740	51.1 39.2 31.8	55	78.3 82.2 78.3	600
0°	4713.3 5291.3 5625.3	1309.3 1469.8 1562.6	3.52 2.6 1.9		57.7 46.2 37.1	75	78.3 81.4 78.3	
+2°	5474 5908.6 6233.5	1520.5 1641.3 1731.5	3.37 2.81 2.19		64.1 56.6 47.4		78.3 80.1 78.3	

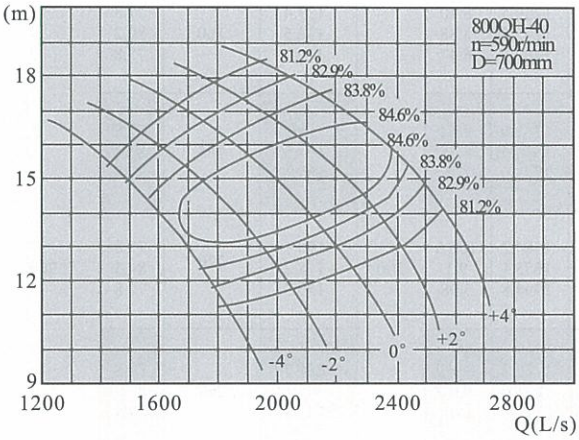
800QH-35



叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-6°	4804.8 5396.5 5685	1334.7 1499 1579.2	13.21 11.36 9.96	590	215.1 204.7 192	250	80.4 81.6 80.4	700
-4°	4970.4 6047.8 6490.7	1380.7 1680 1803	15.5 12.62 10.73		261.2 247.8 231.1	280	80.4 83.9 82.1	
-2°	5422.6 6699.1 7307.7	1506.3 1860.9 2029.9	17.04 13.7 11.09		313.2 295 269	355	80.4 84.8 82.1	
0°	5783.6 7257.4 8001.8	1606.6 2015.9 2222.7	17.85 14.71 11.94		349.9 342 317.3	400	80.4 85.1 82.1	
+2°	6418.2 7815.7 8710.7	1782.8 2171 2419.7	18.81 15.98 12.96		409.3 397.7 374.8	450	80.4 85.6 82.1	
+4°	6980.1 8373.9 9324.8	1938.9 2326.1 2590.2	19.39 16.68 13.94		458.8 447.5 431.7	500	80.4 85 82.1	

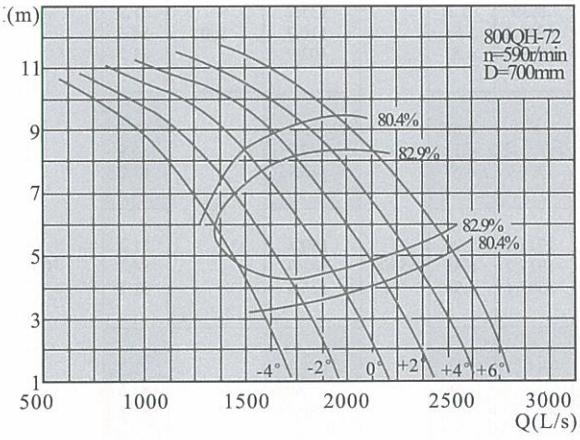
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

00QH-40



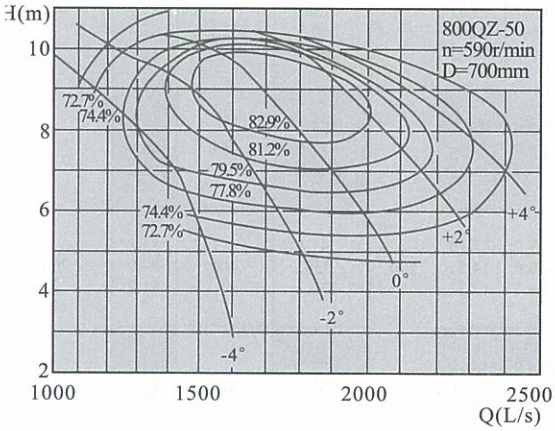
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	5197.4 6047.8 6594.9	1443.7 1680 1831.9	15.37 12.3 11.21		268 240.5 248.1	315	81.2 84.3 81.2	
-2°	5581.9 6699.1 7393.3	1550.5 1860.9 2053.7	16.3 13.34 11.73		305.2 387.7 290.8	355	81.2 84.6 81.2	
0°	6040.6 7257.4 8129	1677.9 2015.9 2258.1	17.16 14.51 12.33	590	347.8 338 336.3	400	81.2 84.9 81.2	700
+2°	6425.4 7815.7 8701.3	1784.8 2171 2417	17.78 15.5 13		383.1 386.2 379.4	450	81.2 85.5 81.2	
+4°	6989.8 8373.9 9229.2	1941.6 2326.1 2563.7	18.38 16.41 14.05		430.9 440 435.1	500	81.2 85.1 81.2	

00QH-72



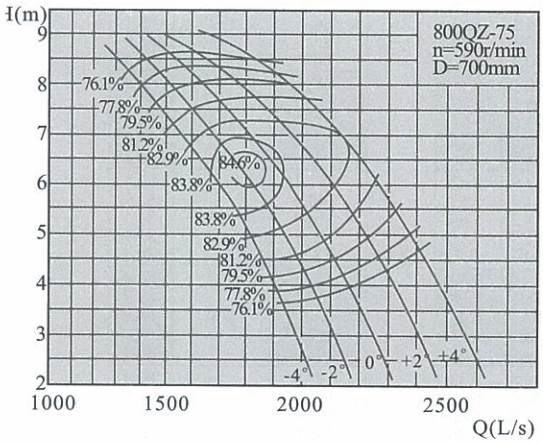
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	4224.2 4838.3 4987.1 5005.8 5545.4	1173.4 1344 1385.3 1390.5 1540.4	7.48 5.68 5.26 5.18 3.52		107.1 90.3 86.1 85.2 66.1	132	80.4 82.9 83.1 82.9 80.4	
-2°	4633.6 5043 5564 6122.3 6345.6	1287.1 1400.8 1545.6 1700.6 1762.7	8.11 7.17 5.71 4.15 3.34		127.4 118.7 102.9 83.4 71.7	160	80.4 82.9 84.2 82.9 80.4	
0°	5266.3 5694.3 6401.4 6810.8 7052.7	1462.9 1581.7 1778.2 1891.9 1959.1	8.47 7.52 5.66 4.51 3.7		151.3 140.6 116.9 100.9 88.4	185	80.4 82.9 84.5 82.9 80.4	
+2°	5731.5 6066.4 6866.6 7611 7908.7	1592.1 1685.1 1907.4 2114.2 2196.9	9.02 8.38 6.49 4.51 3.79	590	175.3 167.1 143 112.7 101.5	200	80.4 82.9 84.9 82.9 80.4	700
+4°	6252.5 6699.1 7517.9 8187.8 8560	1736.8 1860.9 2088.3 2274.4 2377.8	9.33 8.53 6.65 4.96 4.06		197.8 187.7 161.3 133.4 117.7	220	80.4 82.9 84.5 82.9 80.4	
	6885.2 7443.5	1912.6 2067.6	9.46 8.29		220.9 202.8		80.4 82.9	

800QZ-50



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-4°	4534.2 4652.2 5283.6	1259.5 1292.3 1467.7	8.40 8.38 6.47		133.4 132.5 119.7	160	77.8 80.2 77.8	
-2°	4831 5452.4 6276.9	1341.9 1514.5 1743.6	9.64 8.65 6.1		163 154.5 134.1	185	77.8 83.2 77.8	
0°	5343.1 6066.4 7181.1	1484.2 1685.1 1994.8	10.16 9.1 5.98	590	190.1 178.2 150.3	220	77.8 84.5 77.8	700
+2°	6216.1 6978.3 7986.9	1726.7 1938.4 2218.6	10.19 9.01 6.48		221.7 203.5 181.3	250	77.8 84.2 77.8	
+4°	6885.6 7666.8 8301.4	1912.7 2129.7 2305.9	10.05 8.82 7.88		242.3 228.6 229	280	77.8 80.6 77.8	

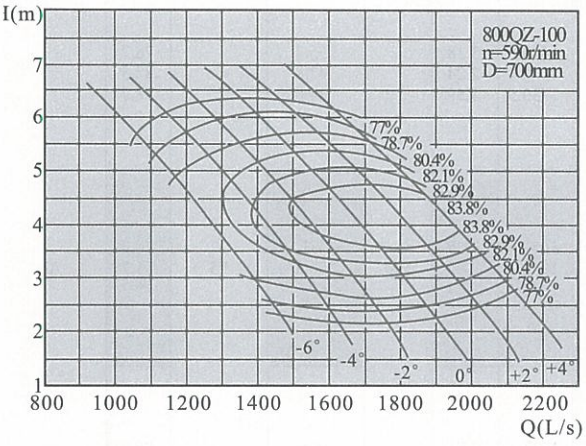
800QZ-75



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-4°	5540.6 6315.8 6766.1	1539 1754.4 1879.5	7.3 5.71 4.53		135.7 116.7 102.9	160	81.2 84.3 81.2	
-2°	5727.6 6593.1 7166.4	1591 1831.4 1990.7	7.57 6.11 4.69		145.5 129.3 112.7	185	81.2 84.9 81.2	
0°	6162.3 6902 7520.7	1711.7 1917.2 2089.1	7.76 6.35 4.98	590	160.4 141.9 125.8		81.2 84.1 81.2	700
+2°	6630.1 7385.8 7945.4	1841.7 2051.6 2207	7.83 6.48 5.55		174.2 156 148	110	81.2 83.6 81.2	
+4°	7324 7728.2 8140.9	2034.5 2146.7 2261.4	7.82 6.87 6.17		192.2 174.3 168.6		81.2 83 81.2	

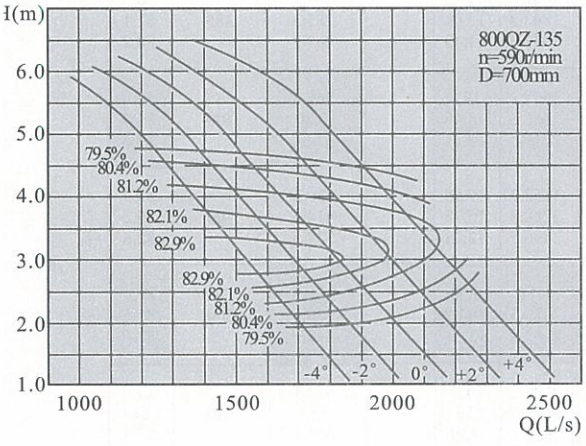
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

800QZ-100



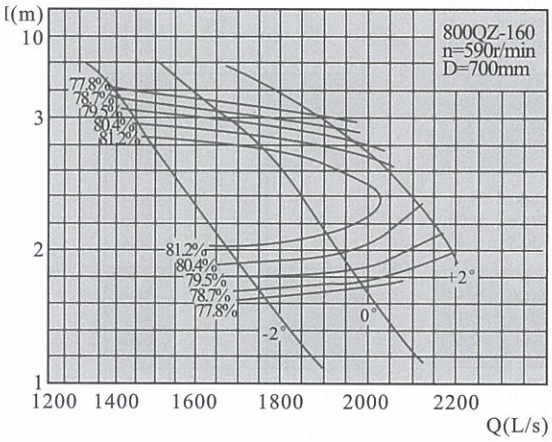
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-6°	4270.5 4652.2 5013.2	1186.3 1292.3 1392.6	4.74 3.63 2.93	590	68.6 56.1 49.8	75	80.4 82.1 80.4	700
-4°	4533.6 5210.4 5690	1259.3 1447.3 1580.6	5.26 3.7 2.62		80.8 63.2 50.6	90	80.4 83 80.4	
-2°	4852.8 5675.7 6193.7	1348 1576.6 1720.5	5.51 3.79 2.65		90.6 70.1 55.6	110	80.4 83.5 80.4	
0°	5199.3 6140.9 6638.5	1444.2 1705.8 1844	5.63 3.79 2.69		99.3 75.8 60.5		80.4 83.8 80.4	
+2°	5676.8 6513.1 7030.6	1576.9 1809.2 1952.9	5.66 3.99 2.9		108.9 84.2 69.2	132	80.4 84.2 80.4	
+4°	6204.9 6978.3 7402.9	1723.6 1938.4 2056.4	5.46 4.01 3.17		114.9 90.8 79.6		80.4 84 80.4	

800QZ-135



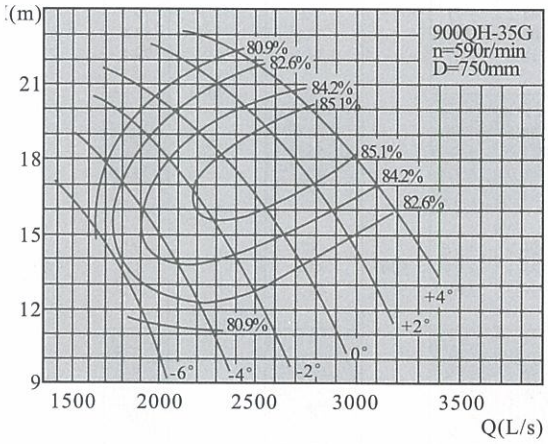
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	4468.1 5772.4 6186.8	1241.2 1603.5 1718.6	4.71 2.6 1.87	590	72 48.8 39.6	90	79.5 83.6 79.5	700
-2°	4984.2 6206 6720.7	1384.5 1723.9 1866.9	4.66 2.78 1.97		79.6 56.3 45.5		79.5 83.3 79.5	
0°	5503.3 6617.3 7186.7	1528.7 1838.1 1996.3	4.62 2.93 2.02		87 83.6 49.7	110	79.5 83 79.5	
+2°	6263.3 7129 7675.5	1739.8 1980.3 2132.1	4.36 3.04 2.23		93.6 71.7 58.6		79.5 82.3 79.5	
+4°	6897.7 7631.4	1916 2119	4.39 3.3		103.8 81.5	132	79.5 81.7	

800QZ-160



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-2°	5051.9 5768.7 6301.7	1403.3 1602.4 1750.5	3.18 2.24 1.59		55.7 42.8 34.6		78.7 82.5 78.7	
0°	5967.4 6699.1 7122.1	1657.6 1860.9 1978.4	3.05 2.25 1.64	590	63 50.4 40.5	75	78.7 81.7 78.7	700
+2°	6930.5 7480.7 7892.2	1925.1 2078 2192.3	2.91 2.43 1.89		69.9 61.7 51.7		78.7 80.4 78.7	

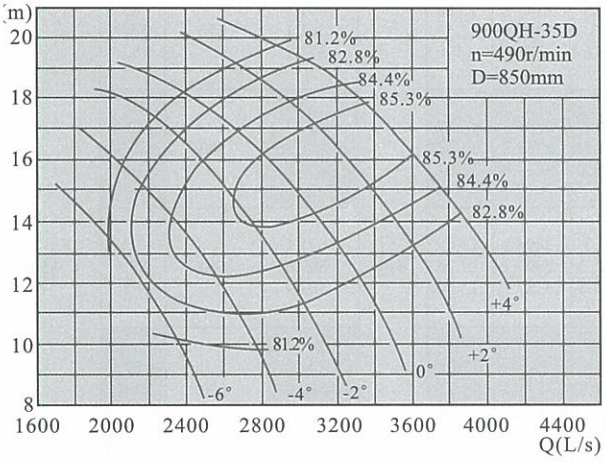
900QH-35G



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-6°	5909.7 6637.5 6992.3	1641.6 1843.8 1942.3	15.16 13.04 11.43		301.7 287.3 269.3	355	80.9 82.1 80.9	
-4°	6113.4 7438.6 7983.3	1698.2 2066.3 2217.6	17.8 14.49 12.31		366.4 348 324.4	400	80.9 84.4 82.6	
-2°	6669.5 8239.7 8988.1	1852.7 2288.8 2496.7	19.56 15.73 12.73		439.3 414.6 377.5	500	80.9 85.2 82.6	
0°	7113.6 8926.3 9841.8	1976 2479.5 2733.8	20.49 16.89 13.71	590	490.8 480.6 445.3	560	80.9 85.5 82.6	750
+2°	7894 9612.9 10713.8	2192.8 2670.3 2976.1	21.6 18.35 14.88		574.1 559 526.1	630	80.9 86 82.6	
+4°	8585.3 10299.6 11469.1	2384.8 2861 3185.9	22.26 19.14 16.01		643.5 628.8 605.9	710	80.9 85.4 82.6	

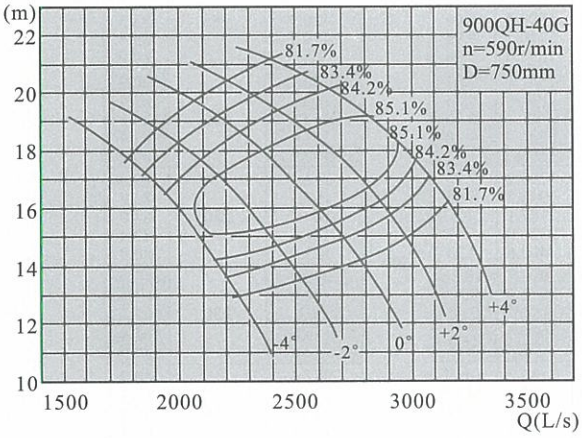
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

00QH-35D



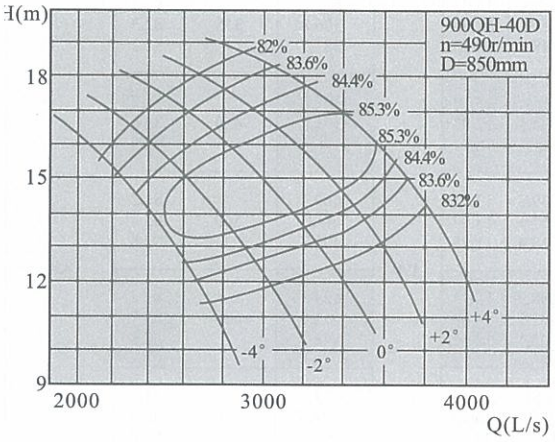
叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-6°	7144.6 8024.6 8453.5	1984.6 2229 2348.2	13.43 11.55 10.13	490	322.2 306.8 287.5	355	81.2 82.3 81.2	850
-4°	7390.9 8993 9651.6	2053 2498.1 2681	15.77 12.83 10.91		391.3 371.9 346.5	450	81.2 84.6 82.8	
-2°	8063.3 9961.5 10866.4	2239.8 2767.1 3018.4	17.33 13.93 11.28		469.1 443 403.3	560	81.2 85.4 82.8	
0°	8600.1 10791.7 11898.5	2388.9 2997.7 3305.1	18.15 14.96 12.15		524.1 513.7 475.7	630	81.2 85.7 82.8	
+2°	9543.7 11621.8 12952.8	2651 3228.3 3598	19.13 16.25 13.18		613.1 597.5 562	710	81.2 86.2 82.8	
+4°	10379.4 12451.9 13865.9	2883.2 3458.9 3851.6	19.72 16.96 14.18		687.2 672 647.2	800	81.2 85.6 82.8	

00QH-40G



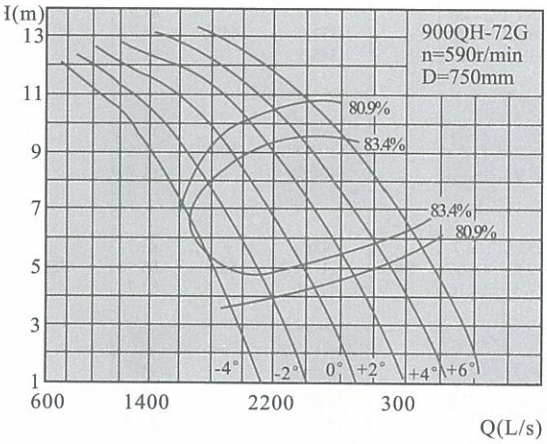
叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	6392.6 7438.6 8111.5	1775.7 2066.3 2253.2	17.64 14.12 12.87	590	376 337.9 348.1	450	81.7 84.7 81.7	750
-2°	6865.5 8239.7 9096.4	1907.1 2288.8 2525.9	18.71 15.31 13.46		428.2 404.2 408.1	500	81.7 85.1 81.7	
0°	7429.7 8926.3 9998.4	2063.8 2479.5 2777.3	19.7 16.66 14.16		488 475 471.8	560	81.7 85.3 81.7	
+2°	7903 9612.9 10702.2	2195.3 2670.3 2972.8	20.41 17.8 14.92		537.6 542.8 532.3	630	81.7 85.9 81.7	
+4°	8597.2 10299.6	2388.1 2861	21.1 18.83		604.7 618.4	710	81.7 85.5	

900QH-40D



叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 D Outer diameter of impeller (mm)
-4°	7728.5 8993 9806.6	2146.8 2498.1 2724	15.63 12.51 11.4	490	401.5 361.1 371.7	450	82 84.9 82	850
-2°	8300.2 9961.5 10993.7	2305.6 2767.1 3053.8	16.57 13.57 11.93		457.3 432 435.8	500	82 85.3 82	
0°	8982.3 10791.7 12087.8	2495.1 2997.7 3357.7	17.45 17.76 12.54		521.1 507.6 503.9	560	82 85.5 82	
+2°	9554.5 11621.8 12938.6	2654 3228.3 3594.1	18.08 15.77 13.22		574.1 580.1 568.5	630	82 86.1 82	
+4°	10393.8 12451.9 13723.7	2887.2 3458.9 3812.1	18.69 16.68 14.29		645.8 660.9 652	710	82 85.7 82	

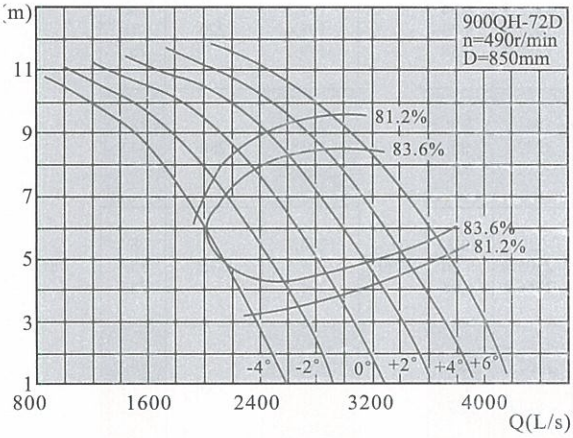
900QH-72G



叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 D Outer diameter of impeller (mm)
-4°	5195.6 5950.9 6134 6156.9 6820.6	1443.2 1653 1703.9 1710.2 1894.6	8.59 6.52 6.04 5.95 4.04	590	150.3 126.7 120.9 119.7 92.7	185	80.9 83.4 83.5 83.4 80.9	750
-2°	5699.1 6202.6 6843.5 7530.1 7804.8	1583.1 1723 1901 2091.7 2168	9.31 8.23 6.56 4.76 3.83		178.7 166.7 144.6 117.1 100.6	200	80.9 83.4 84.6 83.4 80.9	
0°	6477.3 7003.7 7873.4 8377 8674.5	1799.2 1945.5 2187.1 2326.9 2409.6	9.73 8.65 6.5 5.17 4.24		212.2 197.5 164.2 141.6 123.9	250	80.9 83.4 84.9 83.4 80.9	
+2°	7049.5 7461.5 8445.6 9361.2 9727.4	1958.2 2072.6 2346 2600.3 2702	10.36 9.62 7.45 5.17 4.35		245.9 234.6 201 158.2 142.4	280	80.9 83.4 85.3 83.4 80.9	
+4°	7690.3 8239.7 9246.7 10070.7 10528.4	2136.2 2288.8 2568.5 2797.4 2924.6	10.71 9.79 7.64 5.69 4.66		277.4 263.5 226.6 187.3 165.1	315	80.9 83.4 84.9 83.4 80.9	
+6°	8468.5 9155.2 9818.9 10757.3 10986.2	2352.4 2543.1 2727.5 2988.1 3051.7	10.87 9.52 8.42 6.42 5.79		309.9 284.8 266.4 225.5 214.4	355	80.9 83.4 84.6 83.4 80.9	

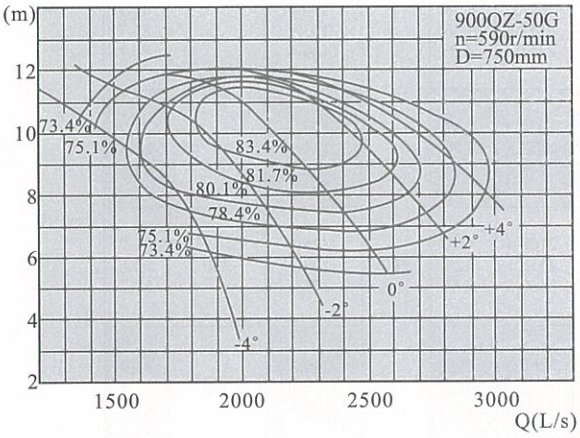
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

00QH-72D



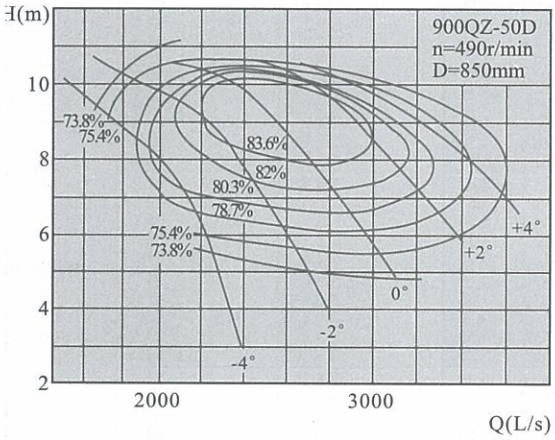
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	6281.3	1744.8	7.61	490	160.5	185	81.2	850
	7194.4	1998.5	5.78		135.4		83.6	
	7415.8	2059.9	5.35		129.2		83.7	
	7443.5	2067.6	5.27		127.9		83.6	
	8245.9	2290.5	3.58		99		81.2	
-2°	6890.1	1913.9	8.25		190.9	220	81.2	
	7498.8	2083	7.29		178.1		83.6	
	8273.6	2298.2	5.81		154.5		84.8	
	9103.7	2528.8	4.22		125.1		83.6	
	9435.8	2621.1	3.39		107.5		81.2	
0°	7830.9	2175.2	8.62		226.6	250	81.2	
	8467.3	2352	7.65		211		83.6	
	9518.8	2644.1	5.76		175.5		85.1	
	10127.6	2813.2	4.58		151.3		83.6	
	10487.6	2913.1	3.76		132.3		81.2	
+2°	8522.6	2367.4	9.18		262.6	315	81.2	
	9020.7	2505.8	8.53		250.6		83.6	
	10210.6	2836.3	6.6		214.8		85.5	
	11317.4	3143.7	4.58		169.1		83.6	
	11760.1	3266.7	3.85		152		81.2	
+4°	9297.4	2582.6	9.49		296.2	355	81.2	
	9961.5	2767.1	8.67		281.5		83.6	
	11179.1	3105.3	6.77		242.2		85.1	
	12175.2	3382	5.04		200.1		83.6	
	12728.6	3535.7	4.13		176.3		81.2	
+6°	10238.2	2844	9.63		330.9		81.2	
	11068.4	3074.5	8.43		304.2		83.6	
	11870.8	3297.5	7.46		284.6		84.8	
	13005.3	3612.6	5.68		240.9		83.6	
	13282	3689.5	5.13		228.9		81.2	

00QZ-50G



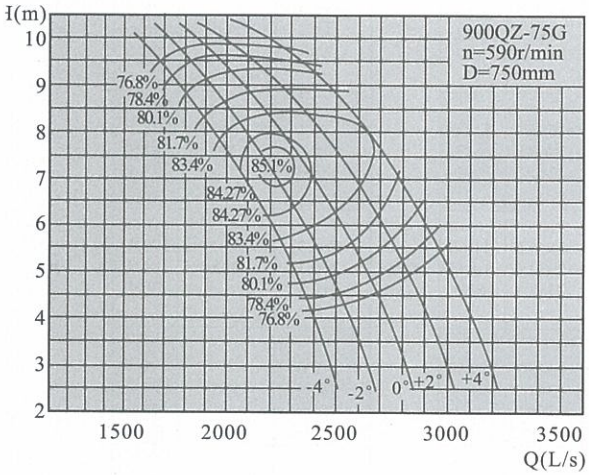
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	5576.9	1549.1	9.64	590	186.9	200	78.4	750
	5722	1589.4	9.62		185.8		80.8	
	6498.6	1805.2	7.43		167.8		78.4	
-2°	5941.9	1650.5	11.06		228.4	250	78.4	
	6706.2	1862.8	9.93		217		83.7	
	7720.3	2144.5	7.01		187.9		78.4	
0°	6571.8	1825.5	11.66		266.3	315	78.4	
	7461.5	2072.6	10.45		250.3		84.9	
	8832.5	2453.5	6.86		210.5		78.4	
+2°	7645.5	2123.7	11.69		310.6	355	78.4	
	8583	2384.2	10.35		285.9		84.7	
	9823.5	2728.8	7.44		253.9		78.4	
[illegible]	8469	2352.5	11.54		339.5	[illegible]	78.4	

900QZ-50D



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	6742.3 6917.7 7856.6	1872.9 1921.6 2182.4	8.54 8.53 6.58		199.5 198.4 179.1	220	78.7 81 78.7	
-2°	7183.6 8107.6 9333.7	1995.5 2252.1 2592.7	9.8 8.8 6.21		243.7 231.8 200.6	280	78.7 83.9 78.7	
0°	7945.2 9020.7 10678.2	2207 2505.8 2966.2	10.33 9.26 6.08	490	284.2 267.5 224.7	315	78.7 85.1 78.7	850
+2°	9243.2 10376.6 11876.4	2567.6 2882.4 3299	10.36 9.17 6.59		331.5 305.5 271	355	78.7 84.8 78.7	
+4°	10238.8 11400.4 12344	2844.1 3166.8 3428.9	10.22 8.97 8.01		362.4 342.5 342.4	400	78.7 81.3 78.7	

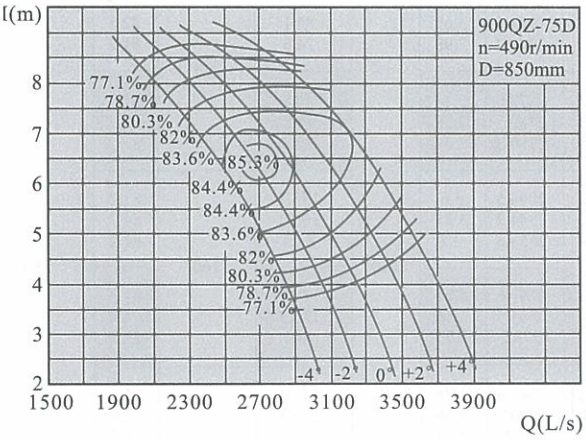
900QZ-75G



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	6814.7 7768.2 8322.1	1893 2157.8 2311.7	8.38 6.56 5.2		190.4 163.9 144.4	220	81.7 84.7 81.7	
-2°	7044.7 8109.2 8814.4	1956.9 2252.6 2448.4	8.69 7.02 5.38		204.1 181.7 158.1		81.7 85.3 81.7	
0°	7579.3 8489.1 9250.2	2105.4 2358.1 2569.5	8.91 7.28 5.72	590	225.1 199.3 176.4	250	81.7 84.6 81.7	750
+2°	8154.7 9084.2 9772.5	2265.2 2523.4 2714.6	8.99 7.44 6.37		244.4 219.1 207.6	280	81.7 84.1 81.7	
+4°	9008.2 9505.4 10013	2502.3 2640.4 2781.4	8.98 7.89 7.09		269.7 244.8 236.6	315	81.7 83.4 81.7	

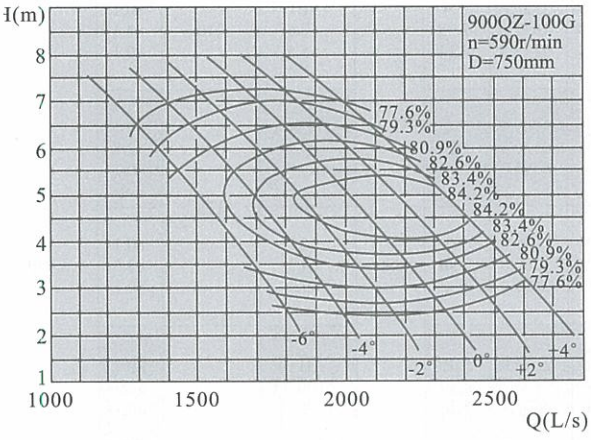
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

)00QZ-75D



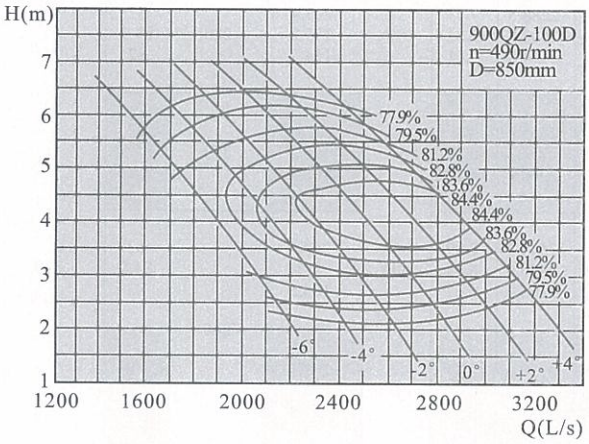
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	8238.7 9391.5 10061.1	2288.5 2608.8 2794.8	7.43 5.81 4.61	490	203.4 175.2 154.2	220	82 84.9 82	850
-2°	8516.8 9803.8 10656.3	2365.8 2723.3 2960.1	7.7 6.22 4.77		218 194.2 168.9	250	82 85.5 82	
0°	9163.2 10263.1 11183.2	2545.3 2850.9 3106.4	7.89 6.45 5.07		240.4 213 188.5	280	82 84.8 82	
+2°	9858.9 10982.6 11814.7	2738.6 3050.7 3281.8	7.97 6.59 5.65		261.1 234.1 221.8		82 84.3 82	
+4°	10890.7 11491.7 12105.5	3025.2 3192.1 3362.6	7.96 6.99 6.28		288.1 261.5 252.7	315	82 83.7 82	

)00QZ-100G



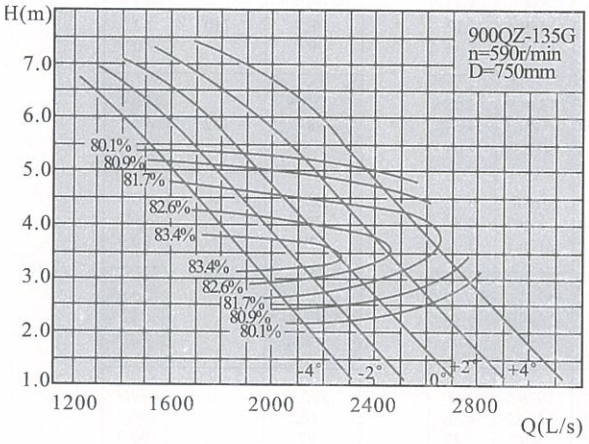
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-6°	5252.6 5722 6166	1459 1589.4 1712.8	5.44 4.17 3.36	590	96.3 78.7 69.8	110	80.9 82.6 80.9	750
-4°	5576.2 6408.6 6998.4	1548.9 1780.2 1944	6.03 4.24 3.01		113.3 88.7 71	132	80.9 83.5 80.9	
-2°	5968.7 6980.8 7618	1658 1939.1 2116.1	6.32 4.35 3.04		127.1 98.4 78	160	80.9 84 80.9	
0°	6394.9 7553 8165	1776.4 2098.1 2268.1	6.47 4.36 3.08		139.3 106.4 84.8		80.9 84.2 80.9	
+2°	6982.2 8010.8 8647.3	1939.5 2225.2 2402	6.5 4.58 3.33		152.8 118.2 97	185	80.9 84.7 80.9	
	7631.8	2119.9	6.27		161.2		80.9	

900QZ-100D



叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-6°	6350.2 6917.7 7454.5	1763.9 1921.6 2070.7	4.82 3.69 2.98	490	102.8 84.1 74.6	132	81.2 82.8 81.2	850
-4°	6741.5 7747.9 8460.9	1872.6 2152.2 2350.3	5.34 3.76 2.67		121 94.8 75.8		81.2 83.7 81.2	
-2°	7216 8439.6 9210	2004.5 2344.3 2558.3	5.6 3.85 2.7		135.7 105.2 83.3	160	81.2 84.2 81.2	
0°	7731.3 9131.4 9871.3	2147.6 2536.5 2742	5.73 3.86 2.73		148.7 113.7 90.5		81.2 84.4 81.2	
+2°	8441.3 9684.8 10454.3	2344.8 2690.2 2904	5.76 4.06 2.95		163.2 126.3 103.6	185	81.2 84.8 81.2	
+4°	9226.6 10376.6 11008	2562.9 2882.4 3057.8	5.56 4.08 3.23		172.1 136.3 119.3		81.2 847.6 81.2	

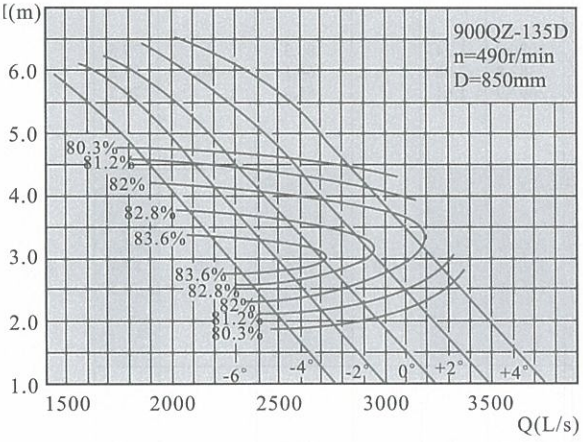
900QZ-135G



叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-4°	5495.6 7099.8 7609.5	1526.6 1972.2 2113.8	5.4 2.98 2.14	590	101 68.6 55.5	110	80.1 84.1 80.1	750
-2°	6130.3 7633.1 8266.2	1702.9 2120.3 2296.2	5.35 3.19 2.27		111.6 79.1 63.7	132	80.1 83.8 80.1	
0°	6768.9 8138.9 8839.3	1880.2 2260.8 2455.4	5.3 3.36 2.32		122 89.3 69.7		80.1 83.5 80.1	
+2°	7703.6 8768.4 9440.6	2139.9 2435.7 2622.4	5.01 3.49 2.56		131.3 100.6 82.1	160	80.1 82.8 80.1	
+4°	8483.9 9386.3 9940.9	2356.6 2607.3 2761.4	5.04 3.67 2.95		145.5 114.4 99.8		80.1 82.2 80.1	

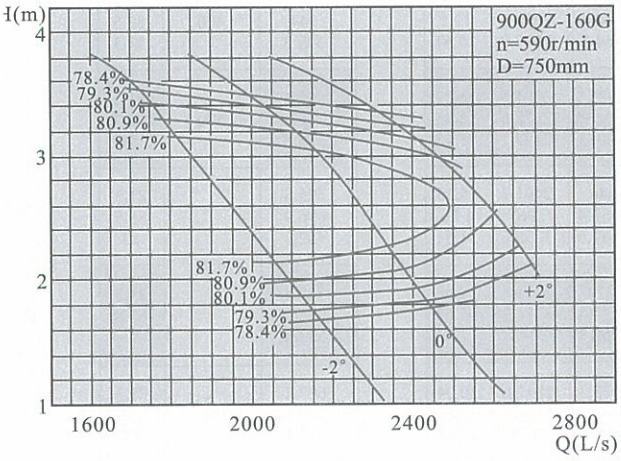
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

900QZ-135D



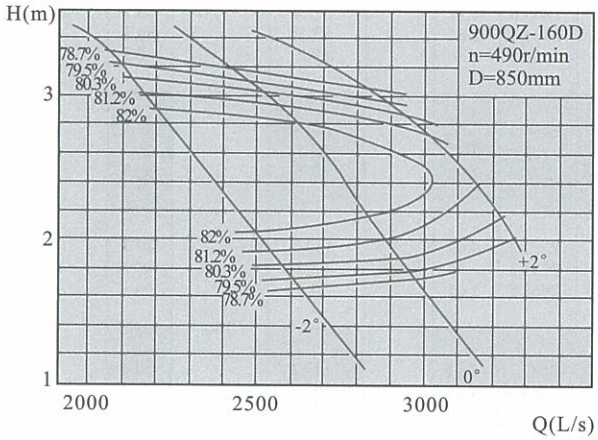
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	6644.1 8583.5 9199.8	1845.6 2384.3 2555.5	4.79 2.64 1.9	490	107.8 73.3 59.2	132	80.3 84.3 80.3	850
-2°	7411.4 9228.3 9993.6	2058.7 2563.4 2776	4.74 2.82 2.01		119.1 84.5 68.1		80.3 84 80.3	
0°	8183.4 9839.8 10686.5	2273.2 2733.3 2968.5	4.69 2.98 2.05		130.3 95.5 74.4	160	80.3 83.7 80.3	
+2°	9313.5 10600.7 11413.4	2587.1 2944.6 3170.4	4.44 3.09 2.26		140.2 107.5 87.7		80.3 83 80.3	
+4°	10256.8 11347.8 12018.3	2849.1 3152.2 3338.4	4.46 3.25 2.61		155.3 122.2 106.5	185	80.3 82.4 80.3	

900QZ-160G



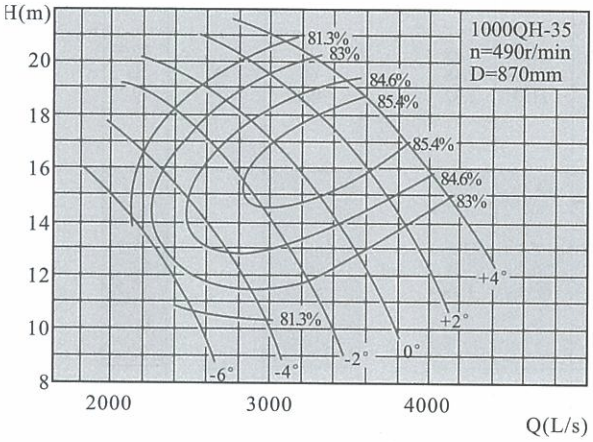
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-2°	6213.6 7095.3 7750.8	1726 1970.9 2153	3.65 2.58 1.82	590	78 60 48.5	90	79.3 83 79.2	750
0°	7339.7 8239.7 8759.9	2038.8 2288.8 2433.3	3.5 2.59 1.88		88.3 70.7 56.7	110	79.3 82.2 79.3	
+2°	8524.2 9200.9 9707	2367.8 2555.8 2696.4	3.34 2.79 2.17		98 86.6 72.5		79.3 80.9 79.3	

900QZ-160D



叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-2°	7512.1 8578 9370.5	2086.7 2382.8 2602.9	3.24 2.28 1.61	490	83.3 64.1 51.8	90	79.5 83.2 79.5	850
0°	8873.5 9961.5 10590.5	2464.9 2767.1 2941.8	3.1 2.29 1.67		94.2 75.5 60.5	110	79.5 82.4 79.5	
+2°	10305.5 11123.7 11735.5	2862.6 3089.9 3259.9	2.96 2.48 1.93		104.6 92.4 77.4	132	79.5 81.2 79.5	

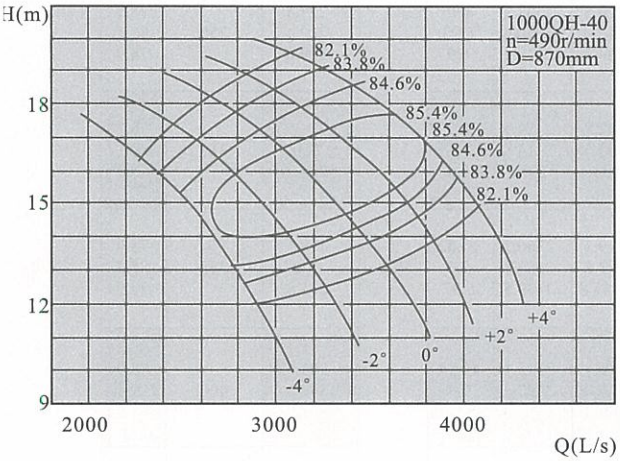
1000QZ-35



叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-6°	7660.9 8604.4 9064.3	2128 2390.1 2517.9	14.07 12.1 10.61	490	361.1 344 322.3	400	81.3 82.5 81.3	870
-4°	7925 9642.9 10349.1	2201.4 2678.6 2874.7	16.52 13.45 11.43		438.6 417 388.5	500	81.3 84.7 83	
-2°	8646 10681.4 11651.6	2401.7 2967 3236.6	18.15 14.6 11.81		525.8 496.9 452.1	630	81.3 85.5 83	
0°	9221.6 11571.5 12758.3	2561.6 3214.3 3544	19.02 15.67 12.73		587.5 576.1 533.3		81.3 85.8 83	
+2°	10233.3 12461.6 13888.8	2842.6 3461.6 3858	20.04 17.03 13.81		687.2 670.1 630.1	800	81.3 86.3 83	
+4°	11129.4 13351.7 14867.9	3091.5 3708.8 4130	20.66 17.77 14.86		770.3 753.7 725.6	900	81.3 85.8 83	

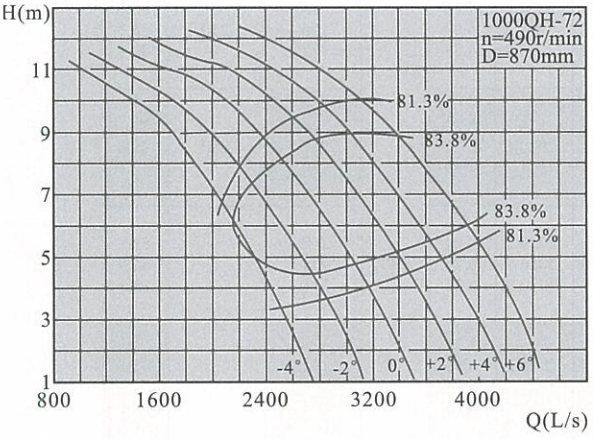
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

1000QH-40



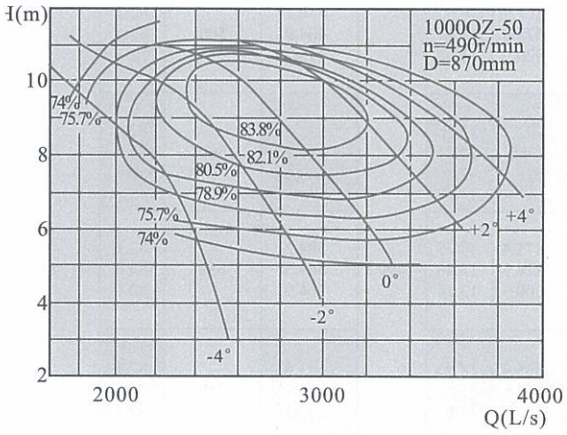
叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-4°	8287 9642.9 10515.2	2301.9 2678.6 2920.9	16.37 13.11 11.95		450.1 404.9 416.7	500	82.1 85.1 82.1	
-2°	8900 10681.4 11788.1	2472.2 2967 3274.5	17.36 14.21 12.49		512.6 484.5 488.6	560	82.1 85.4 82.1	
0°	9631.3 11571.5 12961.3	2675.4 3214.3 3600.3	18.29 15.46 13.14	490	584.2 569.3 564.9	630	82.1 85.6 82.1	870
+2°	10244.9 12461.6 13873.6	2845.8 3461.6 3853.8	18.94 16.52 13.85		643.6 650.7 637.4	710	82.1 86.2 82.1	
+4°	11144.8 13351.7 14715.4	3095.8 3708.8 4087.6	19.58 17.48 14.97		724 741.2 730.9	800	82.1 85.8 82.1	

1000QH-72



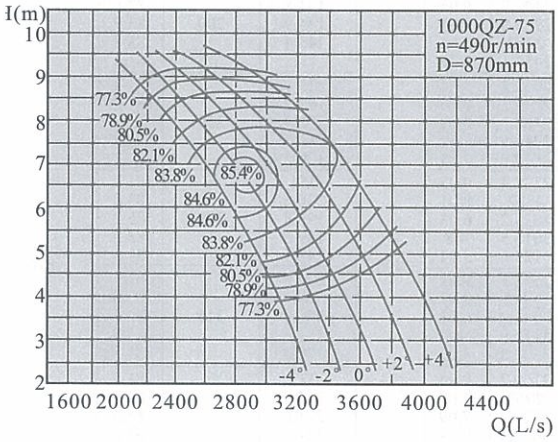
叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-4°	6735.2 7714.3 7951.7 7981.4 8841.8	1870.9 2142.9 2208.8 2217 2456.1	7.97 6.05 5.61 5.52 3.75		179.9 151.8 144.9 143.4 111	200	81.3 83.8 83.9 83.8 81.3	
-2°	7387.9 8040.7 8871.5 9761.6 10117.6	2052.2 2233.5 2464.3 2711.6 2810.5	8.64 7.64 6.09 4.42 3.55		213.9 199.7 173.3 140.3 120.5	250	81.3 83.8 85 83.8 81.3	
0°	8396.7 9079.2 10206.6 10859.4 11245.1	2332.4 2522 2835.2 3016.5 3123.6	9.03 8.01 6.03 4.8 3.94	490	254 236.6 196.8 169.6 148.3	280	81.3 83.8 85.2 83.8 81.3	870
+2°	9138.5 9672.6 10948.4 12135.2 12610	2538.5 2686.8 3041.2 3370.9 3502.8	9.61 8.93 6.91 4.8 4.03		294.3 281 240.9 189.6 170.4	315	81.3 83.8 85.6 83.8 81.3	
+4°	9969.3 10681.4 11986.9 13055 13648.4	2769.2 2967 3329.7 3626.4 3791.2	9.94 9.09 7.09 5.28 4.32		332 315.7 271.6 224.3 197.6	400	81.3 83.8 85.2 83.8 81.3	
	10978.1 11868.2	3049.5 3296.7	10.08 8.84		370.9 341.1		81.3 83.8	

1000QZ-50



叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	7229.5 7417.6 8424.3	2008.2 2060.4 2340.1	8.95 8.93 6.9		223.5 222.4 200.6	250	78.9 81.2 78.9	
-2°	7702.8 8693.5 10008.1	2139.7 2414.8 2780	10.27 9.22 6.5		273.1 260 224.7	315	78.9 84 78.9	
0°	8519.3 9672.6 11449.8	2366.5 2686.8 3180.5	10.82 9.7 6.37	490	318.5 300 251.8	355	78.9 85.2 78.9	870
+2°	9911.1 11126.4 12734.6	2753.1 3090.7 3537.4	10.85 9.6 6.91		371.5 342.6 303.7	400	78.9 85 78.9	
+4°	10978.7 12224.2 13236	3049.6 3395.6 3676.7	10.71 9.39 8.39		406 383.9 383.7	450	78.9 81.5 78.9	

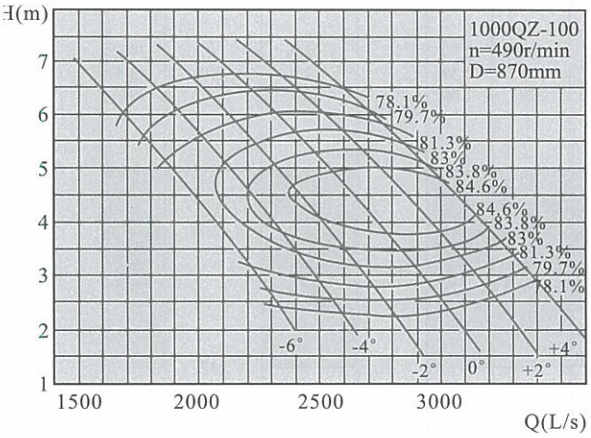
1000QZ-75



叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	8834.1 10070.2 10788.2	2453.9 2797.3 2996.7	7.78 6.09 4.83		228 196.4 172.9	250	82.1 85.1 82.1	
-2°	9132.3 10512.3 11426.4	2536.7 2920.1 3174	8.07 6.51 4.99		244.4 217.8 189.3	280	82.1 85.6 82.1	
0°	9825.4 11004.8 11991.3	2729.3 3056.9 3330.9	8.27 6.76 5.31	490	269.5 238.8 211.3	315	82.1 84.9 82.1	870
+2°	10571.3 11776.2 12668.4	2936.5 3271.2 3519	8.35 6.91 5.92		292.7 262.5 248.6		82.1 84.4 82.1	
+4°	11677.7 12322.1 12980.2	3243.8 3422.8 3605.6	8.34 7.32 6.58		322.9 293.2 283.3	355	82.1 83.8 82.1	

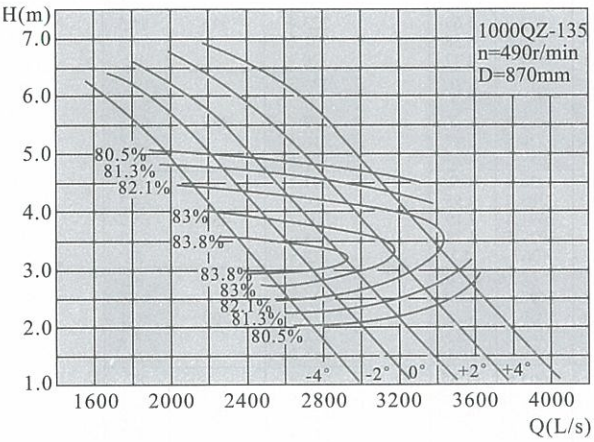
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

1000QZ-100



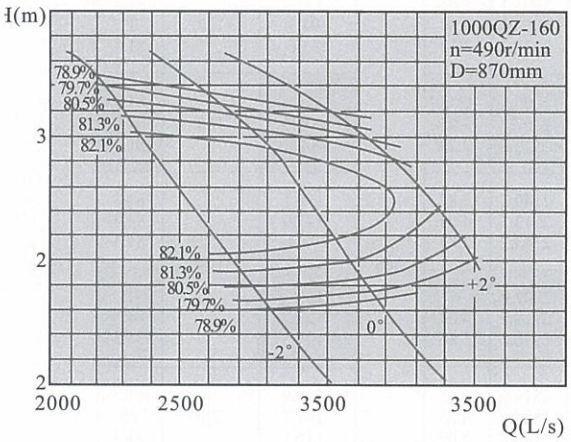
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-6°	6809.1 7417.6 7993.2	1891.4 2060.4 2220.3	5.05 3.87 3.12	490	115.2 94.3 83.6	132	81.3 83 81.3	870
-4°	7228.6 8307.7 9072.3	2007.9 2307.7 2520.1	5.6 3.94 2.79		135.6 106.3 84.9	160	81.3 83.9 81.3	
-2°	7737.5 9049.5 9875.5	2149.3 2513.7 2743.2	5.87 4.03 2.82		152.1 117.9 93.4	185	81.3 84.3 81.3	
0°	8289.9 9791.3 10584.6	2302.8 2719.8 2940.2	6 4.04 2.86		166.7 127.5 101.5		81.3 84.6 81.3	
+2°	9051.3 10384.7 11209.8	2514.2 2884.6 3113.8	6.03 4.25 3.09		182.9 141.7 116.1	200	81.3 85 81.3	
+4°	9893.3 11126.4 11803.5	2748.1 3090.7 3278.8	5.82 4.27 3.38		192.9 152.9 133.7	220	81.3 84.7 81.3	

1000QZ-135



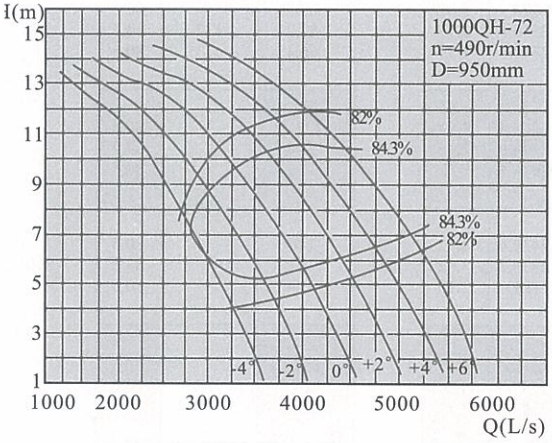
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-4°	7124.2 9203.8 9864.5	1978.9 2556.6 2740.2	5.01 2.77 1.99	490	120.9 82.2 66.4	132	80.5 84.4 80.5	870
-2°	7946.9 9895.1 10715.8	2207.5 2748.6 2976.6	4.97 2.96 2.1		133.5 94.8 76.3	160	80.5 84.2 80.5	
0°	8774.7 10550.8 11458.7	2437.4 2930.8 3183	4.92 3.12 2.15		146 107 83.4		80.5 83.8 80.5	
+2°	9986.5 11366.8 12238.2	2774 3157.4 3399.5	4.65 3.24 2.37		157.1 120.5 98.2	185	80.5 83.2 80.5	
[illegible]	10998 [illegible]	3055 [illegible]	4.68 [illegible]		174.1 [illegible]	[illegible]	80.5 [illegible]	

1000QZ-160



叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-2°	8054.9 9197.8 10047.6	2237.5 2555 2791	3.39 2.39 1.69	490	93.4 71.9 58.1	110	79.7 83.4 79.7	870
0°	9514.7 10681.4 11355.8	2643 2967 3154.4	3.25 2.4 1.75		105.6 84.7 67.9	132	79.7 82.6 79.7	
+2°	11050.2 11927.5 12583.5	3069.5 3313.2 3495.4	3.1 2.59 2.02		117.2 103.6 86.8		79.7 81.3 79.7	

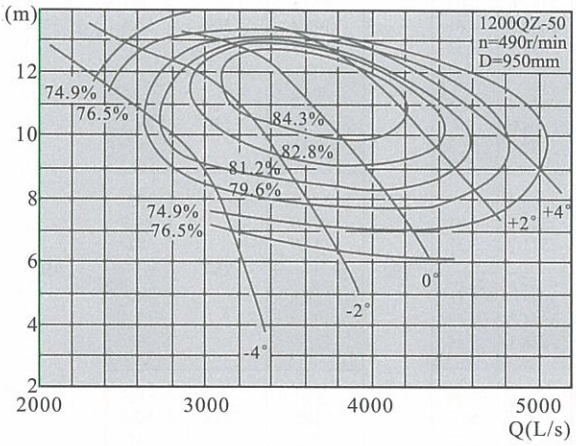
1200QH-72



叶片安装角度 Angle	流量Q Capacity (m^3/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	8769.3 10044.1 10353.1 10391.8 11512.1	2435.9 2790 2875.9 2886.6 3197.8	9.5 7.21 6.69 6.58 4.47	490	277 234.1 223.4 221.1 170.9	315	82 84.3 84.5 84.3 82	950
-2°	9619.2 10469 11550.7 12709.6 13173.2	2672 2908.1 3208.5 3530.5 3659.2	10.31 9.1 7.26 5.27 4.24		329.5 308 267.4 216.3 185.5	355	82 84.3 85.5 84.3 82	
0°	10932.6 11821.1 13289.1 14139 14641.2	3036.8 3283.6 3691.4 3927.5 4067	10.76 9.55 7.19 5.73 4.7		391.2 364.8 303.7 261.6 228.5	450	82 84.3 85.7 84.3 82	
+2°	11898.4 12593.8 14254.9 15800.1 16418.2	3305.1 3498.3 3959.7 4388.9 4560.5	11.46 10.65 8.25 5.73 4.81		453.4 433.4 371.8 292.3 262.5	500	82 84.3 86.1 84.3 82	
+4°	12980.1 13907.2 15607 16997.37 17770.3	3605.6 3863.1 4335.3 4721.6 4936.2	11.85 10.83 8.45 6.3 5.15		511.4 486.8 419.1 345.9 304.4	560	82 84.3 85.8 84.3 82	
+6°	14293.5 15452.5 16572.8 18156.6 18543	3970.4 4292.4 4603.5 5043.5 5150.8	12.02 10.54 9.32 7.1 6.41		571.3 526 492.5 416.5 395.3	630	82 84.3 85.5 84.3 82	

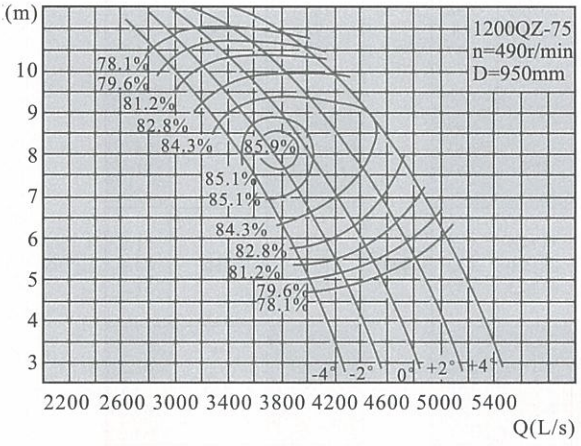
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

200QZ-50



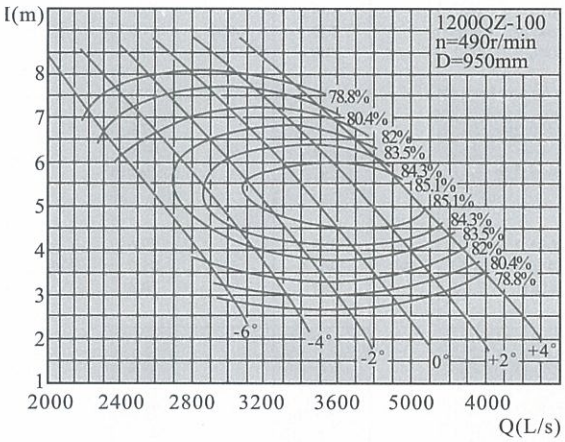
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	9412.9 9657.8 10968.5	2614.7 2682.7 3046.8	10.67 10.65 8.22		343.8 342.5 308.6	400	79.6 81.8 79.6	
-2°	10029 11318.9 13030.7	2785.8 3144.1 3619.6	12.24 10.99 7.75		420.1 401 345.7	450	79.6 84.6 79.6	
0°	11092.2 12593.8 14907.8	3081.2 3498.3 4141	12.91 11.57 7.59	490	489.9 462.9 387.3	560	79.6 85.7 79.6	950
+2°	12904.3 14486.7 16580.5	3584.5 4024.1 4605.7	12.94 11.45 8.23		571.4 528.7 467.2	630	79.6 85.5 79.6	
+4°	14294.3 15916 17233.4	3970.6 4421.1 4787	12.77 11.2 10.01		624.6 591.4 590.2	710	79.6 82.1 79.6	

200QZ-75



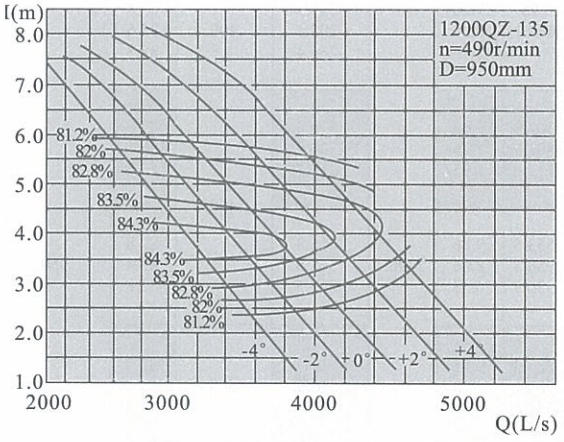
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	11502 13111.4 14046.3	3195 3642.1 3901.7	9.28 7.26 5.76		351.3 303.1 266.4	400	82.8 85.6 82.8	
-2°	11890.3 13687 14877.2	3302.9 3801.9 4132.6	9.62 7.76 5.95		376.6 336.2 291.7	450	82.8 86.1 82.8	
0°	12792.7 14328.3 15612.8	3553.5 3980.1 4336.9	9.86 8.06 6.33	490	415.3 368.5 325.5		82.8 85.4 82.8	950
+2°	13763.9 15332.7 16494.3	3823.3 4259.1 4581.8	9.95 8.2 7.05		451 405 383.1	500	82.8 84.9 82.8	
	15204.4	4223.5	9.94		497.6		82.8	

200QZ-100



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-6°	8865.5 9657.8 10407.2	2462.6 2682.7 2890.9	6.02 4.61 3.72	490	177.5 145.4 128.7	200	82 83.5 82	950
-4°	9411.7 10816.7 11812.2	2614.4 3004.6 3281.2	6.68 4.7 3.33		208.9 164 130.8	250	82 84.4 82	
-2°	10074.2 11782.5 12858	2798.4 3272.9 3571.7	7 4.81 3.37		234.3 181.9 143.9	280	82 84.9 82	
0°	10793.5 12748.3 13781.3	2998.2 3541.2 3828.1	7.16 4.82 3.41		256.8 196.8 156.3		82 85.1 82	
+2°	11784.8 13520.9 14595.2	3273.6 3755.8 4054.2	7.19 5.07 3.69		281.7 218.6 178.9	315	82 85.5 82	
+4°	12881.2 14486.7 15368.2	3578.1 4024.1 4269	6.94 5.1 4.03		297.1 235.9 205.9	355	82 85.3 82	

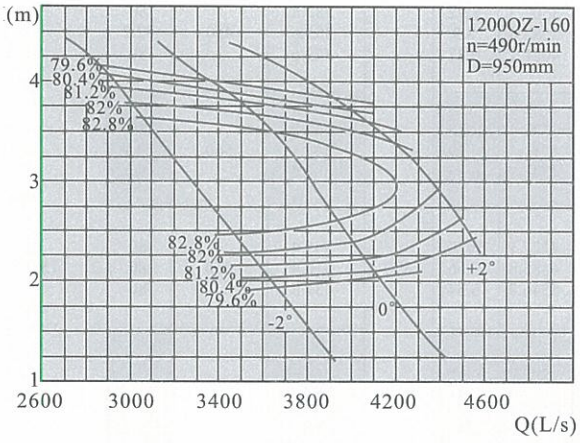
200QZ-135



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	9275.7 11983.4 12843.7	2576.6 3328.7 3567.7	5.98 3.3 2.37	490	186.1 126.8 102.2	200	81.2 85 81.2	950
-2°	10347 12883.5 13952	2874.2 3578.7 3875.6	5.92 3.53 2.51		205.6 146.2 117.4	220	81.2 84.7 81.2	
0°	11424.8 13737.2 14919.4	3173.5 3815.9 4144.3	5.86 3.72 2.57		224.8 165.1 128.4	250	81.2 84.4 81.2	
+2°	13002.5 14799.6 15934.2	3611.8 4111 4426.2	5.54 3.86 2.83		241.9 185.8 151.3	280	81.2 83.8 81.2	
+4°	14319.4 15842.6 16778.7	3977.6 4400.7 4660.7	5.58 4.07 3.26		268 211.1 183.8	315	81.2 83.1 81.2	

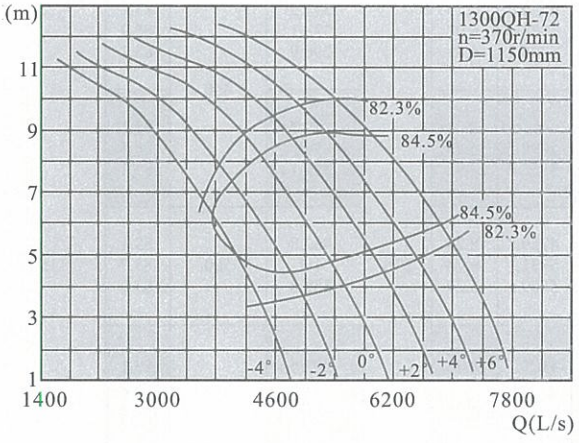
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

200QZ-160



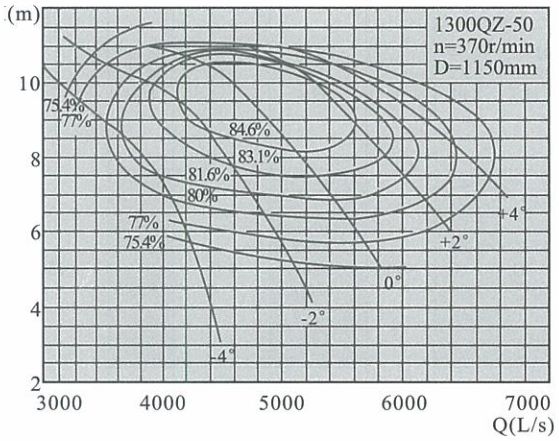
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-2°	10487.6 11975.7 13082.1	2913.2 3326.6 3633.9	4.04 2.85 2.02	490	143.7 110.9 89.3	160	80.4 83.9 80.4	950
0°	12388.2 13907.2 14785.3	3441.2 3863.1 4107	3.87 2.86 2.08		162.5 130.5 104.4	185	80.4 83.2 80.4	
+2°	14387.4 15529.7 16383.9	3996.5 4313.8 4551.1	3.7 3.09 2.4		180.3 159.6 133.5	200	80.4 82 80.4	

300QH-72



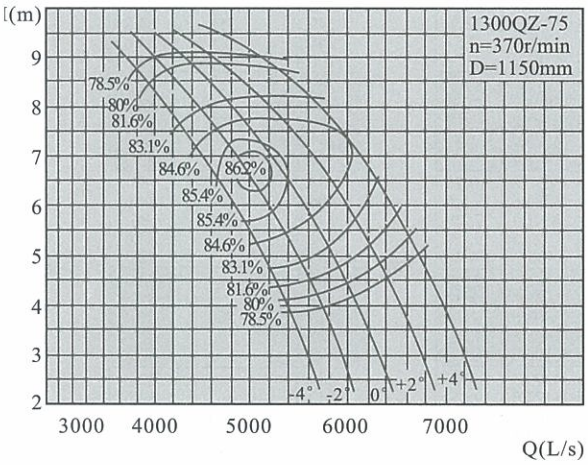
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	11746 13453.6 13867.6 13919.3 15419.9	3262.8 3737.1 3852.1 3866.5 4283.3	7.94 6.03 5.59 5.5 3.73	370	308.7 261.1 249.1 246.5 190.4	355	82.3 84.6 84.8 84.6 82.3	1150
-2°	12884.4 14022.8 15471.7 17024 17644.9	3579 3895.2 4297.7 4728.9 4901.4	8.61 7.61 6.07 4.4 3.54		367.2 343.4 298.2 241.2 206.7	400	82.3 84.6 85.8 84.6 82.3	
0°	10932.6 11821.1 13289.1 14139 14641.2	3036.8 3283.6 3691.4 3927.5 4067	10.76 9.55 7.19 5.73 4.7		435.9 406.8 338.8 291.7 254.6	500	82 84.6 86 84.6 82.3	
+2°	15937.4 16868.8 19093.8 21163.6 21991.5	4427 4685.8 5303.8 5878.8 6108.8	9.58 8.9 6.89 4.78 4.02		505.1 483.2 414.8 325.9 292.5	560	82.3 84.6 86.4 84.6 82.3	
+4°	17386.2 18628.1 20904.9 22767.7 23802.6	4829.5 5174.5 5806.9 6324.4 6611.8	9.9 9.05 7.06 5.26 4.31		569.8 542.8 467.5 385.7 339.2	630	82.3 84.6 86 84.6 82.3	
	19145.5 20697.9	5318.2 5749.4	10.05 8.8		636.5 586.5		82.3 84.6	

300QZ-50



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	12608.1 12936.2 14691.9	3502.3 3593.4 4081.1	8.92 8.9 6.87	370	382.8 381.6 343.6	450	80 82.2 80	1150
-2°	13433.4 15161.2 17454	3731.5 4211.4 4848.3	10.23 9.19 6.48		467.8 447.1 384.9	560	80 84.9 80	
0°	14857.5 16868.8 19968.3	4127.1 4685.8 5546.7	10.78 9.66 6.34		545.4 516.4 431.3	630	80 86 80	
+2°	17284.8 19404.3 22208.8	4801.3 5390.1 6169.1	10.81 9.57 6.88		636.2 589.7 520.2	710	80 85.8 80	
+4°	19146.6 21318.8 23083.3	5318.5 5921.9 6412	10.67 9.36 8.36		695.4 659 657.2	800	80 82.5 80	

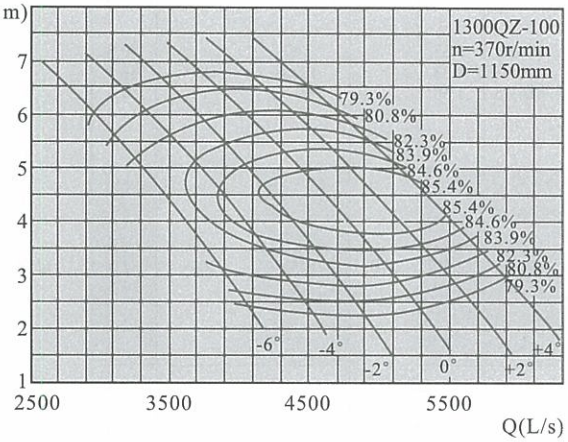
300QZ-75



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	15406.5 17562.2 18814.4	4279.6 4878.4 5226.2	7.75 6.07 4.81	370	391.5 338.1 296.9	450	83.1 85.9 83.1	1150
-2°	15926.5 18333.2 19927.4	4424 5092.5 5535.4	8.04 6.49 4.98		419.7 375 325.1		83.1 86.4 83.1	
0°	17135.3 19192.1 20912.6	4759.8 5331.1 5809.1	8.24 6.74 5.29		462.8 411 362.8	500	83.1 85.7 83.1	
+2°	18436.1 20537.5 22093.4	5121.1 5704.9 6137.1	8.31 6.88 5.89		502.6 451.6 427	560	83.1 85.2 83.1	
+4°	20365.7 21489.6 22637.3	5657.1 5969.3 6288.1	8.31 7.29 6.55		554.6 504.2 486.5	630	83.1 84.7 83.1	

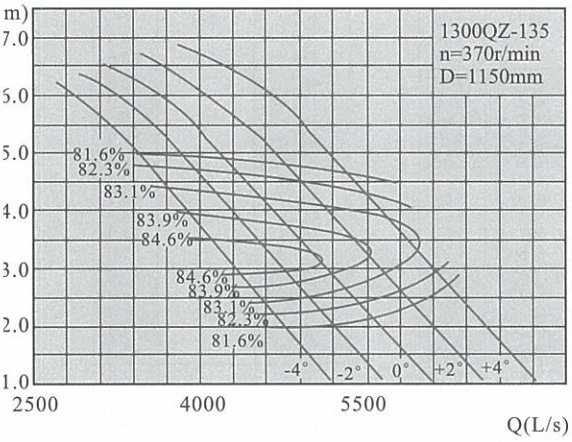
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

300QZ-100



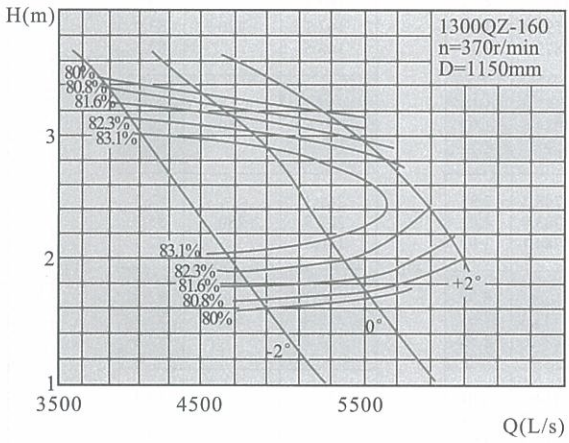
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-6°	11874.9 12936.2 13940	3298.6 3593.4 3872.2	5.03 3.86 3.11	370	197.8 162.1 143.5	220	82.3 83.9 82.3	1150
-4°	12606.6 14488.5 15822	3501.8 4024.6 4395	5.58 3.92 2.78		232.7 182.8 145.8	250	82.3 84.7 82.3	
-2°	13494 15782.1 17222.7	3748.3 4383.9 4784.1	5.85 4.02 2.81		261.1 202.9 160.3	280	82.3 85.2 82.3	
0°	14457.5 17075.8 18459.4	4016 4743.3 5127.6	5.98 4.03 2.85		286.1 219.4 174.2	315	82.3 85.4 82.3	
+2°	15785.2 18110.6 19549.7	4384.8 5030.7 5430.5	6.01 4.24 3.08		313.9 243.8 199.3	355	82.3 85.8 82.3	
+4°	17253.8 19404.3 20585.1	4792.7 5390.1 5718.1	5.8 4.26 3.37		331.1 263.1 229.4		82.3 85.6 82.3	

300QZ-135



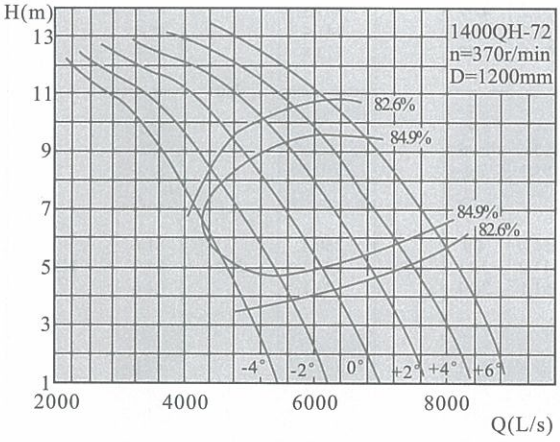
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	12424.4 16051.2 17203.6	3451.2 4458.7 4778.8	4.99 2.76 1.98	370	207.3 141.4 113.8	250	81.6 85.3 81.6	1150
-2°	13859.3 17256.9 18688.1	3849.8 4793.6 5191.1	4.95 2.95 2.1		229 163 130.8		81.6 85 81.6	
0°	15303 18400.4 19983.8	4250.8 5111.2 5551.1	4.9 3.11 2.14		250.4 184.1 143.1	280	81.6 84.7 81.6	
+2°	17416.2 19823.4 21343.1	4837.8 5506.5 5928.7	4.63 3.22 2.36		269.4 207.1 168.5	315	81.6 84.1 81.6	
+4°	19180.2 21320.5	5327.8 5894.6	4.66 3.4		298.5 225.3	355	81.6 82.5	

1300QZ-160



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-2°	14047.7 16040.9 17522.8	3902.1 4455.8 4867.5	3.38 2.38 1.68	370	160 123.6 99.5	185	80.8 84.3 80.8	1150
0°	16593.5 18628.1 19804.3	4609.3 5174.5 5501.2	3.23 2.39 1.74		181 145.4 116.3	200	80.8 83.5 80.8	
+2°	19271.3 20801.4 21945.4	5353.1 5778.2 6096	3.09 2.58 2.01		200.8 177.8 148.7	220	80.8 82.3 80.8	

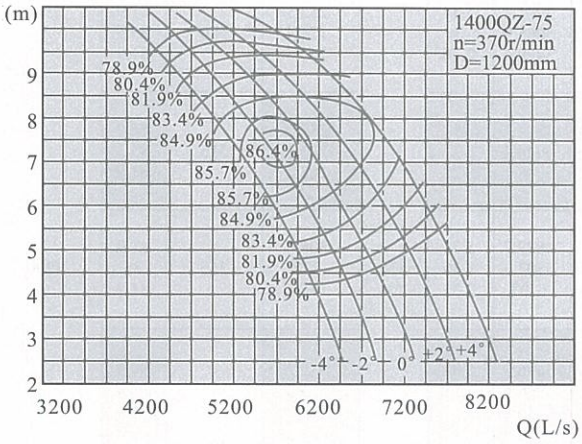
1400QH-72



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径 Outer diameter of impeller (mm)
-4°	13345.7 15285.8 15756.2 15815 17519.9	3707.1 4246.1 4379.7 4393 4866.6	8.65 6.56 6.08 5.99 4.06	370	380.5 322 307.2 304.1 234.7	450	82.6 84.9 85 84.9 82.6	1200
-2°	14639.1 15932.6 17578.7 19342.5 20048	4066.4 4425.7 4883 5372.9 5568.9	9.38 8.28 6.61 4.79 3.85		452.6 423.5 367.9 297.5 254.8	500	82.6 84.9 86 84.9 82.6	
0°	16638.1 17990.3 20224.4 21517.8 22282.1	4621.7 4997.3 5617.9 5977.2 6189.5	9.79 8.69 6.54 5.21 4.27		537.3 501.7 417.9 359.7 313.8	630	82.6 84.9 86.3 84.9 82.6	
+2°	18107.8 19166.1 21694.1 24045.8 24986.5	5030 5323.9 6026.2 6679.4 6940.7	10.43 9.69 7.5 5.21 4.38		622.7 596 511.8 402 360.5	710	82.6 84.9 86.6 84.9 82.6	
+4°	19754 21165 23751.9 25868.4 27044.2	5487.2 5879.2 6597.7 7185.7 7512.3	10.78 9.86 7.69 5.73 4.69		702.4 669.5 576.8 475.7 418.1	800	82.6 84.9 86.3 84.9 82.6	
+6°	21752.9 23516.7 25221.6 27632.1 28220	6042.5 6532.4 7006 7675.6 7838.9	10.94 9.58 8.48 6.46 5.83		784.6 723.4 677.7 572.8 542.9	900	82.6 84.9 86 84.9 82.6	

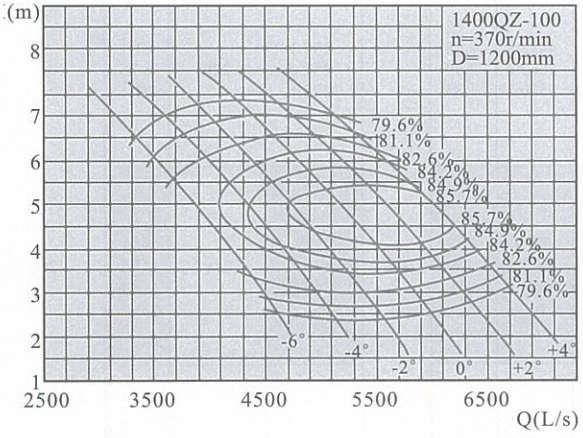
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

400QZ-75



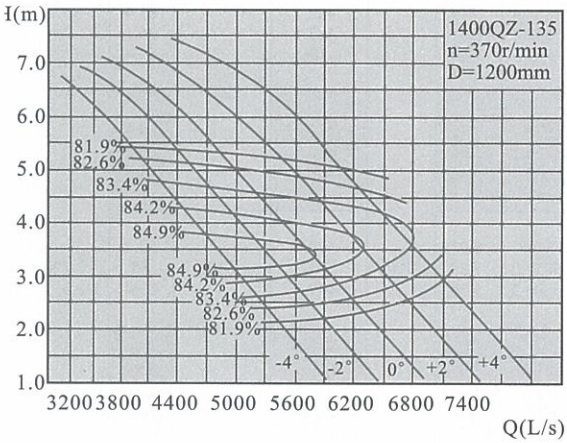
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	17504.6 19953.9 21376.7	4862.4 5542.8 5938	8.44 6.61 5.24	370	482.7 417.1 366	560	83.4 86.1 83.4	1200
-2°	18095.5 20829.9 22641.3	5026.5 5786.1 6289.2	8.75 7.06 5.42		517.4 462.7 400.8		83.4 86.6 83.4	
0°	19468.9 21805.8 23760.7	5408 6057.2 6600.2	8.97 7.33 5.76		570.6 507 447.3	630	83.4 86 83.4	
+2°	20946.9 23334.4 25102.3	5818.6 6481.8 6972.9	9.05 7.49 6.42		619.7 557.1 526.4	710	83.4 85.5 83.4	
+4°	23139.2 24416.2 25720.2	6427.6 6782.3 7144.5	9.04 7.94 7.14		683.7 621.9 599.8	800	83.4 84.9 83.4	

400QZ-100



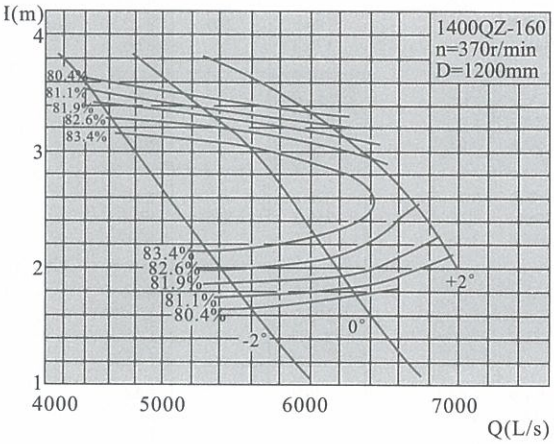
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率 Power(kw) 轴功率 Shaft power	功率 Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-6°	13492.1 14697.9 15838.5	3747.8 4082.8 4399.6	5.48 4.2 3.39	370	243.8 199.8 176.8	280	82.6 84.2 82.6	1200
-4°	14323.4 16461.7 17976.7	3978.7 4572.7 4993.5	6.07 4.27 3.03		286.9 225.5 179.7	315	82.6 85 82.6	
-2°	15331.7 17931.5 19568.2	4258.8 4981 5435.6	6.37 4.38 3.06		321.8 250.3 197.6	355	82.6 85.4 82.6	
0°	16426.4 19401.3 20973.4	4562.9 5389.2 5825.9	6.51 4.39 3.1		352.7 270.7 214.7	400	82.6 85.7 82.6	
+2°	17935 20577.1 22212.1	4981.9 5715.9 6170	6.54 4.62 3.35		386.9 300.8 245.7	450	82.6 86 82.6	
	19603.5	5445.4	6.31		408.1		82.6	

1400QZ-135



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	14116.5 18237.2 19546.5	3921.2 5065.9 5429.6	5.44 3 2.16		255.5 174.4 140.3	280	81.9 85.5 81.9	
-2°	15746.8 19607 21233.2	4374.1 5446.4 5898.1	5.39 3.21 2.28		282.2 201.1 161.2	315	81.9 85.3 81.9	
0°	17387.1 20906.3 22705.4	4829.7 5807.3 6307	5.33 3.39 2.33	370	308.6 227 176.3	355	81.9 85 81.9	1200
+2°	19788.1 22523.1 24249.8	5496.7 6256.4 6736.1	5.04 3.51 2.57		332 255.4 207.7	400	81.9 84.4 81.9	
+4°	21792.3 24110.5 25535	6053.4 6697.4 7093.1	5.07 3.7 2.97		367.9 290.1 252.3		81.9 83.8 81.9	

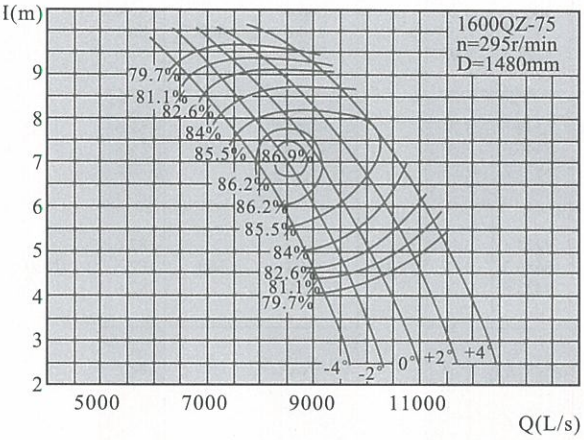
1400QZ-160



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-2°	15960.8 18225.4 19909.2	4433.5 5062.6 5530.3	3.68 2.59 1.83		197.1 152.4 122.6	220	81.1 84.5 81.1	
0°	18853.3 21165 22501.4	5237 5879.2 6250.4	3.52 2.6 1.9	370	223 179.3 143.3	250	81.1 83.8 81.1	1200
+2°	21895.8 23634.3 24934.2	6082.2 6565.1 6926.2	3.37 2.81 2.19		247.5 219.2 183.2	280	81.1 82.6 81.1	

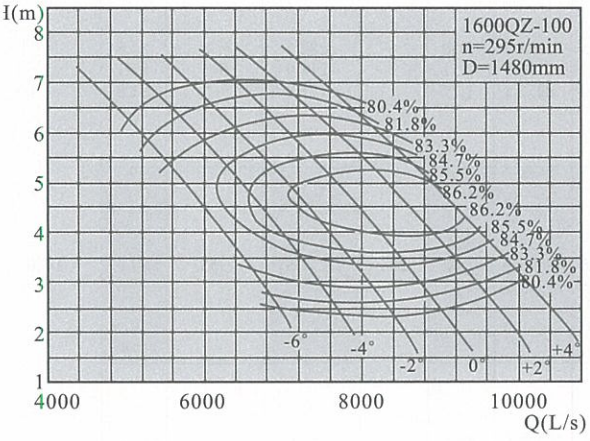
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 CURVE AND SPECIFICATION

600QZ-75



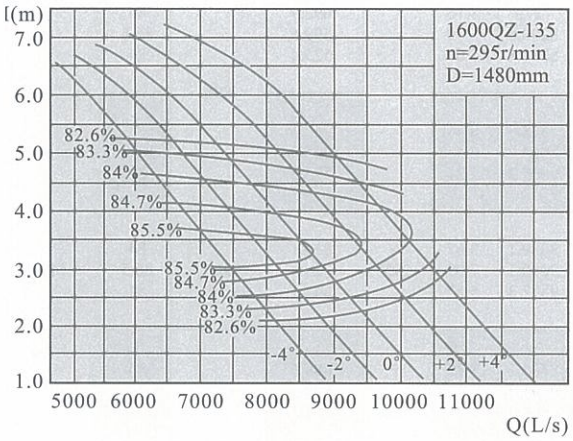
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	26182.7 29846.2 31974.4	7273 8290.6 8881.8	8.16 6.39 5.07	295	692.9 599.6 525.4	800	84 86.6 84	1480
-2°	27066.5 31156.5 33865.9	7518.5 8654.6 9407.2	8.46 6.83 5.24		742.8 665.3 575.3		84 87.2 84	
0°	29120.8 32616.3 35540.3	8089.1 9060.1 9872.3	8.67 7.09 5.57		819.1 728.8 642.1	900	84 86.5 84	
+2°	31331.5 34902.7 37547	8703.2 9695.2 10429.7	8.75 7.24 6.21		889.5 800.6 755.6	1000	84 86 84	
+4°	34610.7 36520.8 38471.2	9614.1 10144.7 10686.5	8.74 7.68 6.9		981.5 893.4 861	1120	84 85.5 84	

600QZ-100



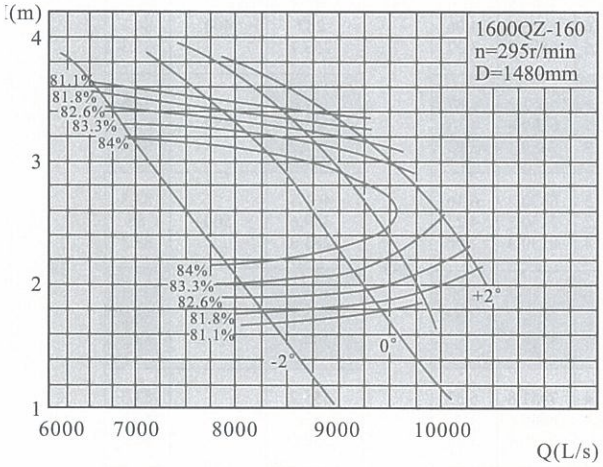
叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-6°	20181 21984.6 23690.6	5605.8 6106.8 6580.7	5.3 4.06 3.27	295	349.8 287 253.7	400	83.3 84.7 83.3	1480
-4°	21424.4 24622.7 26888.9	5951.2 6839.6 7469.1	5.87 4.13 2.93		411.6 323.9 257.9	450	83.3 85.5 83.3	
-2°	22932.5 26821.2 29269.4	6370.2 7450.3 8130.4	6.16 4.23 2.96		461.8 359.6 283.6	500	83.3 86 83.3	
0°	24569.9 29019.6 31371.1	6825 8061 8714.2	6.3 4.24 3		506.1 389.1 308.1	560	83.3 86.2 83.3	
+2°	26826.4 30778.4 33224	7451.8 8549.6 9228.9	6.33 4.46 3.24		555.2 432.4 352.6	630	83.3 86.6 83.3	
	29322.1	8145	6.1		585.6		83.3	

1600QZ-135



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-4°	21114.9 27278.5 29236.8	5865.2 7577.3 8121.3	5.26 2.9 2.09		366.4 250.6 201.2	400	82.6 86.1 82.6	
-2°	23553.4 29327.4 31759.8	6542.6 8146.5 8822.2	5.21 3.1 2.21		404.8 288.9 231.2	450	82.6 85.8 82.6	
0°	26006.9 31270.8 33961.8	7224.1 8686.3 9433.8	5.16 3.27 2.26	295	442.7 326.1 252.9	500	82.6 82.5 82.6	1480
+2°	29598.3 33689.2 36271.9	8221.7 9358.1 10075.5	4.88 3.39 2.49		476.3 366.9 297.8	560	82.6 85 82.6	
+4°	32596.1 36063.5 38194.2	9054.5 10017.6 10609.5	4.91 3.58 2.87		527.7 416.5 361.9	630	82.6 84.4 82.6	

1600QZ-160



叶片安装角度 Angle	流量Q Capacity (m³/h)	流量Q Capacity (L/s)	扬程H Head (m)	速转n Speed (r/min)	功率Power(kw) 轴功率 Shaft power	功率Power(kw) 电机功率 Motor power	效率η Eff. (%)	叶轮外径D Outer diameter of impeller (mm)
-2°	23873.5 27260.9 29779.4	6631.5 7572.5 8272.1	3.56 2.51 1.77		282.7 218.9 175.8	315	81.8 85.1 81.8	
0°	28200 31657.8 33656.6	7833.3 8793.8 9349.1	3.4 2.52 1.83	295	319.7 257.5 205.4	355	81.8 84.4 81.8	1480
+2°	32750.8 35351.2 37295.5	9097.5 9819.8 10359.9	3.25 2.72 2.12		354.8 314.6 2627.7	400	81.8 83.3 81.8	

QZ、QH系列泵安装形式及尺寸 QZ、QH SERIES PUMP INSTALLATION AND DIMENSION

较小的QZ系列潜水轴流泵、QH系列潜水混流泵采用敞式进水，安装形式为悬吊式安装、钢制井筒式安装、混凝土预制井筒式安装。悬吊式安装、钢制井筒式安装由本公司提供整套井筒，混凝土预制井筒式安装由本公司提供安装底座（含防转装置），井盖装置。

安装时，将潜水电泵吊入井筒盖底为止，导叶体上的斜面与支座斜面配合，止水橡皮（O形圈）起密封作用。

较大的潜水泵（一般叶轮直径在1米以上），采用封闭进水流道的安装形式。

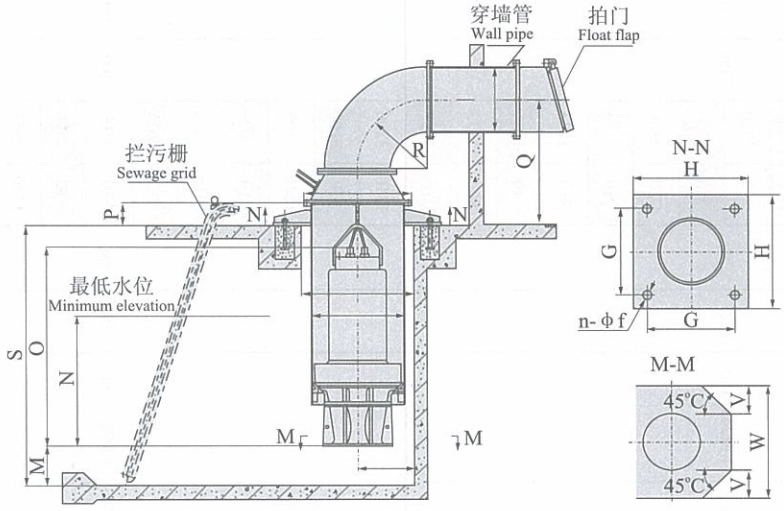
1、悬吊式安装

The smaller QZ Series submersible axial-flow pump and QH series submersible mixed-flow pump use the open-type for water-in and the way of instalation of suspension, steel-made well-drum and concrete pre-made well-drum. For the former two ways this Company supplies a wholeset of the well-drum and for the latter, and erection foundation (covering a rotation preventing device) and a well cover.

To install, lift the submersible electric pump and put it in the well-drum till to is bottom, with the inclined plane on the guide vane fitted with the one of the support, the watrer-baffle rubber (O-ring) functions sealing.

The bigger Submersible pump (the impeller diameter is over 1m in general) uses ther way of installation with a closed water-in flow-path.

1.Suspension installation



注：①表中尺寸为泵的安装尺寸、泵站设计的水力控制尺寸，其中泵站设计的水力尺寸为参考值。

②尺寸A依据泵流量确定，以控制流速，减少水力损失，表中尺寸为参考值，如需要，可适当加大；尺寸S、Q依据泵站具体条件确定；尺寸R为最小参考尺寸，如条件许可，可适当加大。

上述尺寸均依据用户要求确定。

③泵中心距后池壁不大于尺寸T。

④同池内两泵中心距不小于尺寸Z。

Note: 1) The dimensions in the table are those for pump installation and the hydraulic control in pump station design, of which the hydraulic control ones are values for reference.

2) Dimension A is determined upon the pump's flow to control the flow rate and reduce the head loss. The dimensions in the table are values for reference and can be properly enlarged if necessary; dimensions S, Q are determined upon the detailed conditions of the pump station; dimension R is the smallest reference one and can be properly enlarged if permitted upon the conditions.

The above dimensions can all be determined upon the requirements of users.

3) The distance between the pump cener and the rear pool wall not larger than dimension T.

4) The central distance between two pumps in a same pool

表(一) Table(1)

序号 No.	型号 Type	ϕA	ϕD	ϕE	ϕF	G	H	n-ϕf	R	M	N	O	P	Z	T	W	V	泵重 Pump weight (kg)	轴向水推力 (N)
1	350QH-35G	400或500	755	800	600	1150	1350	4-M24×400	525	290	900	2600	200	1400	360	1400	350	2450	15600
2	350QH-35D										710	1810						1000	7100
3	350QH-40G										820	2600						2480	14800
4	350QH-40D										710	1810						970	6800
5	350QH-72G										710	2300						970	7600
6	350QH-72D										710	1750						850	3500
7	350QH-50G										710	2360						950	8200
8	350QH-50D										710	1733						650	3700
9	350QH-75G										720	2300						950	6800
10	350QH-75D										710	1733						650	3100
11	350QH-100G										710	1733						650	5500
12	350QH-100D										710	1733						650	2500
13	350QH-135G										800	1733						650	4800
14	350QH-135D										710	1733						650	2200
15	500QH-35G	600或700	975	1050	800	1350	1600	4-M30×400	750	430	1310	3200	200	1800	540	1800	450	2000	36100
16	500QH-35D										810	3100						1800	20600
17	500QH-40G										1240	3100						1800	34200
18	500QH-40D										810	3000						1300	19500
19	500QH-72G										1010	2850						1200	17600
20	500QH-72D										810	2615						920	10000
21	500QZ-50G										810	3100						1200	19000
22	500QZ-50D										810	2900						900	10800
23	500QZ-75G										1120	2553						880	15700
24	500QZ-75D										810	2013						920	8900
25	500QZ-100G										810	2080						970	12700
26	500QZ-100D										810	2013						800	7200
27	500QZ-135G										1200	2080						970	11000

QZ、QH系列泵悬吊式安装尺寸表 QZ、QH SERIES TYPE HANGING INSTALLATION DIMENSION TABLE

表（二）Table(2)

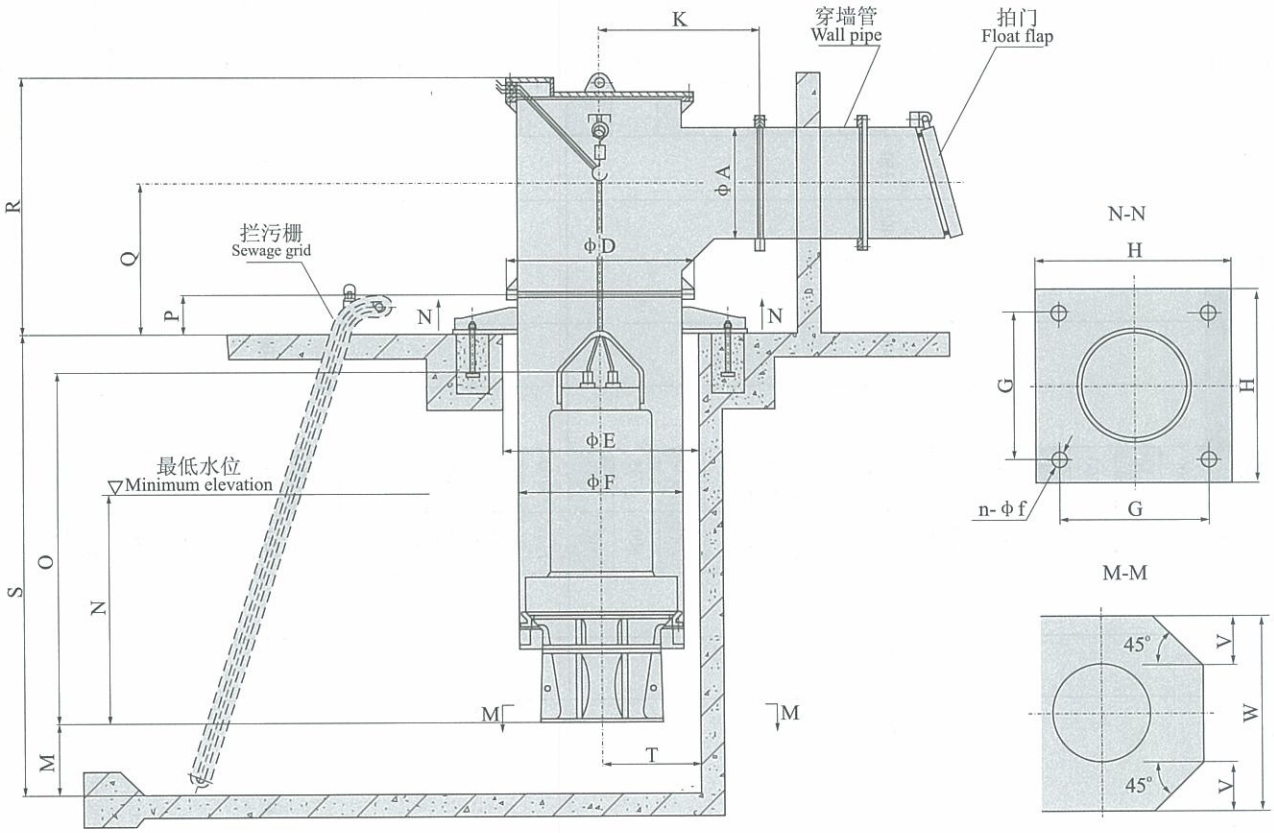
号 o.	型号 Type	ϕA	ϕD	ϕE	ϕF	G	H	n-ϕf	R	M	N	O	P	Z	T	W	V	泵重 Pump weight (kg)	轴向水推力 (N)
8	500QZ-135D	600或700	975	1050	800	1350	1600	4-M30×400	750	430	810	2015	200	1800	540	1800	450	800	6300
9	600QH-35	700或800	1175	1225	1000	1600	1850	4-M30×500	900	530	880	3200	220	2200	660	2200	550	2900	45900
0	600QH-40										880	3200						2800	43500
1	600QH-72										880	2900						2600	22400
2	600QZ-50										880	2900						2600	24100
3	600QZ-75										880	2570						2100	19900
4	600QZ-100										880	2570						2100	16100
5	600QZ-135										880	2570						2100	14000
6	700QH-35	800或900	1305	1365	1100	1700	2000	4-M36×500	1050	580	1590	3800	220	2400	720	2400	600	3300	65000
7	700QH-40										1510	3800						3300	61600
8	700QH-72										1280	3100						2900	31700
9	700QZ-50										960	2900						2900	34200
40	700QZ-75										1400	2850						2500	28300
41	700QZ-100										960	2570						2300	22900
42	700QZ-135										1480	2570						2300	19900
43	700QZ-160										1100	2570						2200	13900
44	800QH-35	900或1000	1405	1450	1200	1900	2150	4-M36×500	1200	670	1120	4200	260	2800	840	2800	700	4100	76600
45	800QH-40										1120	4200						4100	72600
46	800QH-72										1120	3100						3900	37400
47	800QZ-50										1120	3100						3900	40200
48	800QZ-75										1120	2900						3500	33300
49	800QZ-100										1120	2900						2850	26900
50	800QZ-135										1120	2900						2850	23400
51	800QZ-160										1120	2900						2700	16400
52	900QH-35H	1000或1100	1520	1600	1300	2000	2250	4-M36×500	1350	820	1710	4400	300	3400	1020	3400	850	6500	129600
53	900QH-35D										1360	4600						7000	114800
54	900QH-40G										1640	4500						6500	122900

序号 No.	型号 Type	ΦA	ΦD	ΦE	ΦF	G	H	n-Φf	R	M	N	O	P	Z	T	W	V	泵重 Pump weight (kg)	轴向水推力 (N)
55	900QH-40D	1000或1100	1520	1600	1300	2000	2250	4-M36×500	1350	820	1360	4600	300	3400	1020	3400	850	6500	108900
56	900QH-72G										1410	3700						5500	63300
57	900QH-72D										1360	3800						5500	56100
58	900QZ-50G										1360	3900						5500	68100
59	900QZ-50D										1360	4000						5500	60300
60	900QZ-75G										1520	3600						5000	56300
61	900QZ-75D										1360	3700						5000	49900
62	900QZ-100G										1360	3370						5000	45600
63	900QZ-100D										1360	3500						5000	40400
64	900QZ-135G										1600	3000						4500	39600
65	900QZ-135D										1360	3100						5000	35100
66	900QZ-160G										1360	3000						4500	27800
67	900QZ-160D										1360	3100						4500	24600
68	1000QH-35	1200	1630	1700	1400	2050	2300	4-M36×500	1500	840	1390	4900	300	3480	1040	34800	870	8000	126000
69	1000QH-40										1390	4900						8000	119500
70	1000QH-72										1390	4200						7000	61500
71	1000QZ-50										1390	4200						7000	66200
72	1000QZ-75										1390	3900						6200	54800
73	1000QZ-100										1390	3300						5200	44300
74	1000QZ-135										1390	3300						5200	38500
75	1000QZ-160										1390	3300						5200	27000
76	1200QH-72	1400	1830	19600	1600	2200	2500	4-M36×500	1800	910	2630	4600	300	3800	1140	3800	950	8000	87500
77	1200QZ-50										2080	4600						8000	94100
78	1200QZ-75										2740	4300						7500	77800
79	1200QZ-100										1520	3800						6000	63000
80	1200QZ-135										2830	3800						6000	54700
81	1200QZ-160										2410	3800						6000	38400

QZ、QH系列泵安装形式及尺寸 QZ、QH SERIES PUMP INSTALLATION AND DIMENSION

2、钢制井筒式安装

2.Steel-made well-drum way of in stallation



主：①表中尺寸为泵的安装尺寸、泵站设计的水力控制尺寸，其中泵站设计的水力尺寸为参考值。

②尺寸A依据泵流量确定，以控制流速，减少水力损失，表中尺寸为参考值，如需要，可适当加大；尺寸S、Q、R依据泵站具体条件确定。

上述尺寸均依据用户要求确定。

③泵中心距后池壁不大于尺寸T。

④同池内两泵中心距不小于尺寸Z。

Note: 1) The dimensions in the table are those for pump installatic and the hydraulic control in pump station design, of whic the hydraulic control ones are values for reference.

2) Dimension A is determined upon the pump' s flow t control the flow rate and reduce the head loss. The dimensons i the table are values for reference and can be properly enlarged necessary; dimensions S, Q, R are determined upon the detaile con dit ion s of the pump station.

The above dimensions can all be determined upon the r quirements of users.

3) The distance between the pump cener and th e rea r poo wall not larger than dimension T.

4) The central distance between two pumps in a same po not less than dimension Z.

表（一）Table(1)

序号 No.	型号 Type	ΦA	ΦD	ΦE	ΦF	G	H	n-Φf	R	M	N	O	P	Z	T	W	V	泵重 Pump weight (kg)	轴向水推力 (N)
1	350QH-35G	400或500	755	800	600	1150	1350	4-M24×400	525	290	900	2600	200	1400	360	1400	350	2450	15600
2	350QH-35D										710	1810						1000	7100
3	350QH-40G										820	2600						2480	14800
4	350QH-40D										710	1810						970	6800
5	350QH-72G										710	2300						970	7600
6	350QH-72D										710	1750						850	3500
7	350QH-50G										710	2360						950	8200
8	350QH-50D										710	1733						650	3700
9	350QH-75G										720	2300						950	6800
10	350QH-75D										710	1733						650	3100
11	350QH-100G										710	1733						650	5500
12	350QH-100D										710	1733						650	2500
13	350QH-135G										800	1733						650	4800
14	350QH-135D										710	1733						650	2200
15	500QH-35G	600或700	975	1050	800	1350	1600	4-M30×400	750	430	1310	3200	200	1800	540	1800	450	2000	36100
16	500QH-35D										810	3100						1800	20600
17	500QH-40G										1240	3100						1800	34200
18	500QH-40D										810	3000						1300	19500
19	500QH-72G										1010	2850						1200	17600
20	500QH-72D										810	2615						920	10000
21	500QZ-50G										810	3100						1200	19000
22	500QZ-50D										810	2900						900	10800
23	500QZ-75G										1120	2553						880	15700
24	500QZ-75D										810	2013						920	8900
25	500QZ-100G										810	2080						970	12700
26	500QZ-100D										810	2013						800	7200
27	500QZ-135G										1200	2080						970	11000

QZ、QH系列泵钢制井筒式安装尺寸表 STEEL-MADE WELL-DRUM WAY OF INSTALLATION DIMENSION TABLE

号	型号 Type	ΦA	ΦD	ΦE	ΦF	G	H	n-Φf	R	M	N	O	P	Z	T	W	V	泵重 Pump weight (kg)	轴向水推力 (N)
3	500QZ-135D	600或700	975	1050	800	1350	1600	4-M30×400	900	430	810	2015	200	1800	540	1800	450	800	6300
0	600QH-35	700或800	1175	1225	1000	1600	1850	4-M30×500	1000	530	880	3200	220	2200	660	2200	550	2900	45900
0	600QH-40										880	3200						2800	43500
	600QH-72										880	2900						2600	22400
2	600QZ-50										880	2900						2600	24100
3	600QZ-75										880	2570						2100	19900
4	600QZ-100										880	2570						2100	16100
5	600QZ-135										880	2570						2100	14000
5	700QH-35	800或900	1305	1365	1100	1700	2000	4-M36×500	1000	580	1590	3800	220	2400	720	2400	600	3300	65000
7	700QH-40										1510	3800						3300	61600
3	700QH-72										1280	3100						2900	31700
0	700QZ-50										960	2900						2900	34200
0	700QZ-75										1400	2850						2500	28300
	700QZ-100										960	2570						2300	22900
2	700QZ-135										1480	2570						2300	19900
3	700QZ-160										1100	2570						2200	13900
4	800QH-35	900或1000	1405	1450	1200	1900	2150	4-M36×500	1100	670	1120	4200	260	2800	840	2800	700	4100	76600
5	800QH-40										1120	4200						4100	72600
5	800QH-72										1120	3100						3900	37400
7	800QZ-50										1120	3100						3900	40200
3	800QZ-75										1120	2900						3500	33300
0	800QZ-100										1120	2900						2850	26900
0	800QZ-135										1120	2900						2850	23400
	800QZ-160										1120	2900						2700	16400
2	900QH-35G	1000或1100	1520	1600	1300	2000	2250	4-M36×500	1200	820	1710	4400	300	3400	1020	3400	850	6500	129600
3	900QH-35D										1360	4600						7000	114800
4	900QH-40G										1640	4500						6500	122900

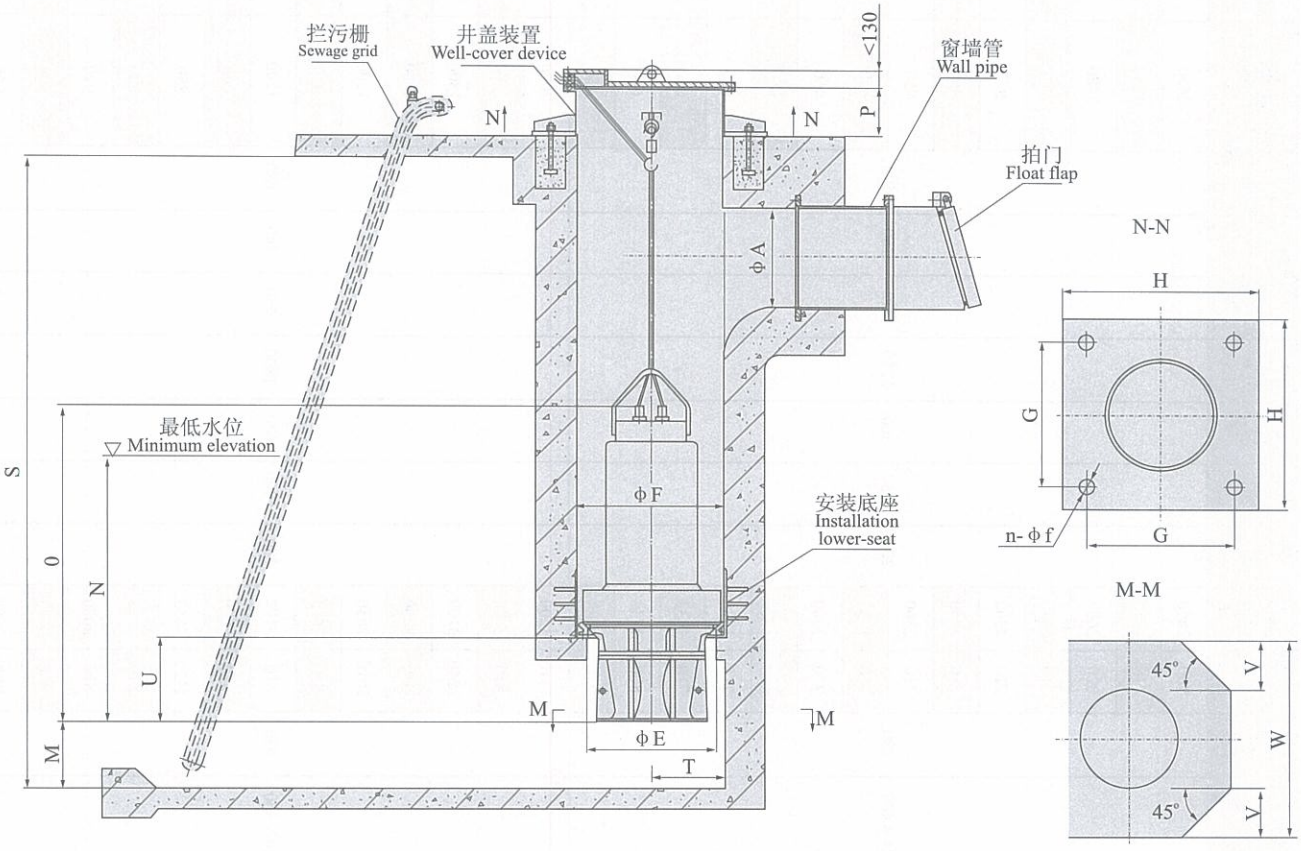
表(二) Table(3)

序号 No.	型号 Type	φA	φD	φE	φF	G	H	n-φf	R	M	N	O	P	Z	T	W	V	泵重 Pump weight (kg)	轴向水推力 (N)
55	900QH-40D	1000或1100	1520	1600	1300	2000	2250	4-M36×500	1200	820	1360	4600	300	3400	1020	3400	850	6500	108900
56	900QH-72G										1410	3700						5500	63300
57	900QH-72D										1360	3800						5500	56100
58	900QZ-50G										1360	3900						5500	68100
59	900QZ-50D										1360	4000						5500	60300
60	900QZ-75G										1520	3600						5000	56300
61	900QZ-75D										1360	3700						5000	49900
62	900QZ-100G										1360	3370						5000	45600
63	900QZ-100D										1360	3500						5000	40400
64	900QZ-135G										1600	3000						4500	39600
65	900QZ-135D										1360	3100						5000	35100
66	900QZ-160G										1360	3000						4500	27800
67	900QZ-160D										1360	3100						4500	24600
68	1000QH-35	1200	1630	1700	1400	2050	2300	4-M36×500	1300	840	1390	4900	300	3480	1040	3480	870	8000	126000
69	1000QH-40										1390	4900						8000	119500
70	1000QH-72										1390	4200						7000	61500
71	1000QZ-50										1390	4200						7000	66200
72	1000QZ-75										1390	3900						6200	54800
73	1000QZ-100										1390	3300						5200	44300
74	1000QZ-135										1390	3300						5200	38500
75	1000QZ-160										1390	3300						5200	27000
76	1200QH-72	1400	1830	1900	1600	2200	2500	4-M36×500	1500	910	2630	4600	300	3800	1140	3800	950	8000	87500
77	1200QZ-50										2080	4600						8000	94100
78	1200QZ-75										2740	4300						7500	77800
79	1200QZ-100										1520	3800						6000	63000
80	1200QZ-135										2830	3800						6000	54700
81	1200QZ-160										2410	3800						6000	38400

QZ、QH系列泵安装形式及尺寸 QZ、QH SERIES PUMP INSTALLATION AND DIMENSION

3、混凝土预制井筒式安装

3.Concrete pre-made well-drum way of in stallation



主：①表中尺寸为泵的安装尺寸、泵站设计的水力控制尺寸，其中泵站设计的水力尺寸为参考值。

②尺寸A依据泵流量确定，以控制流速，减少水力损失，表中尺寸为参考值，如需要，可适当加大；尺寸S依据泵站具体条件确定。

上述尺寸均依据用户要求确定。

③泵中心距后池壁不大于尺寸T。

④同池内两泵中心距不小于尺寸Z。

Note: 1) The dimensions in the table are those for pump installatio and the hydraulic control in pump station design, of whic the hydraulic control ones are values for reference.

2) Dimension A is determined upon the pump′s flow t control the flow rate and reduce the head loss. The dimensor in the table are values for reference and can be properly enlarge if necessary; dimensions S are determined upon the detaile conditions of the pump station.

The above dimensions can all be determined upon the r quirements of users.

3) The distance between the pump cener and the rear poc wall not larger than dimension T.

4) The central distance between two pumps in a same poc not less than dimension Z.

序号 No.	型号 Type	ϕA	ϕF	G	H	n-ϕf	M	N	O	P	Z	T	W	V	U	ϕY	泵重 Pump weight (kg)	轴向水推力 (N)
1	350QH-35G	400或500	600	1000	1200	4-M24×400	290	900	2600	200	1250	360	1250	312	360	500	2450	15600
2	350QH-35D							710	1810								1000	7100
3	350QH-40G							820	2600								2480	14800
4	350QH-40D							710	1810								970	6800
5	350QH-72G							710	2300								970	7600
6	350QH-72D							710	1750								850	3500
7	350QZ-50G							710	2360								950	8200
8	350QZ-50D							710	1733								650	3700
9	350QZ-75G							720	2300								950	6800
10	350QZ-75D							710	1733								650	3100
11	350QZ-100G							710	1733								650	5500
12	350QZ-100D							710	1733								650	2500
13	350QZ-135G							800	1733								650	4800
14	350QZ-135D							710	1733								650	2200
15	500QH-35G	600或700	800	1150	1400	4-M30×400	430	1310	3200	200	1800	540	1800	450	540	680	2000	36100
16	500QH-35D							810	3100								1800	20600
17	500QH-40G							1240	3100								1800	34200
18	500QH-40D							810	3000								1300	19500
19	500QH-72G							1010	2850								1200	17600
20	500QH-72D							810	2615								920	10000
21	500QZ-50G							810	3100								1200	19000
22	500QZ-50D							810	2900								900	10800
23	500QZ-75G							1120	2553								880	15700
24	500QZ-75D							810	2013								920	8900
25	500QZ-100G							810	2080								970	12700
26	500QZ-100D							810	2013								800	7200
27	500QZ-135G							1200	2080								970	11000

QZ、QH系列泵混凝土预制井筒式安装尺寸表 PREFABRICATED CONCRETE WELL PIPE INSTALLATION DIMENSION

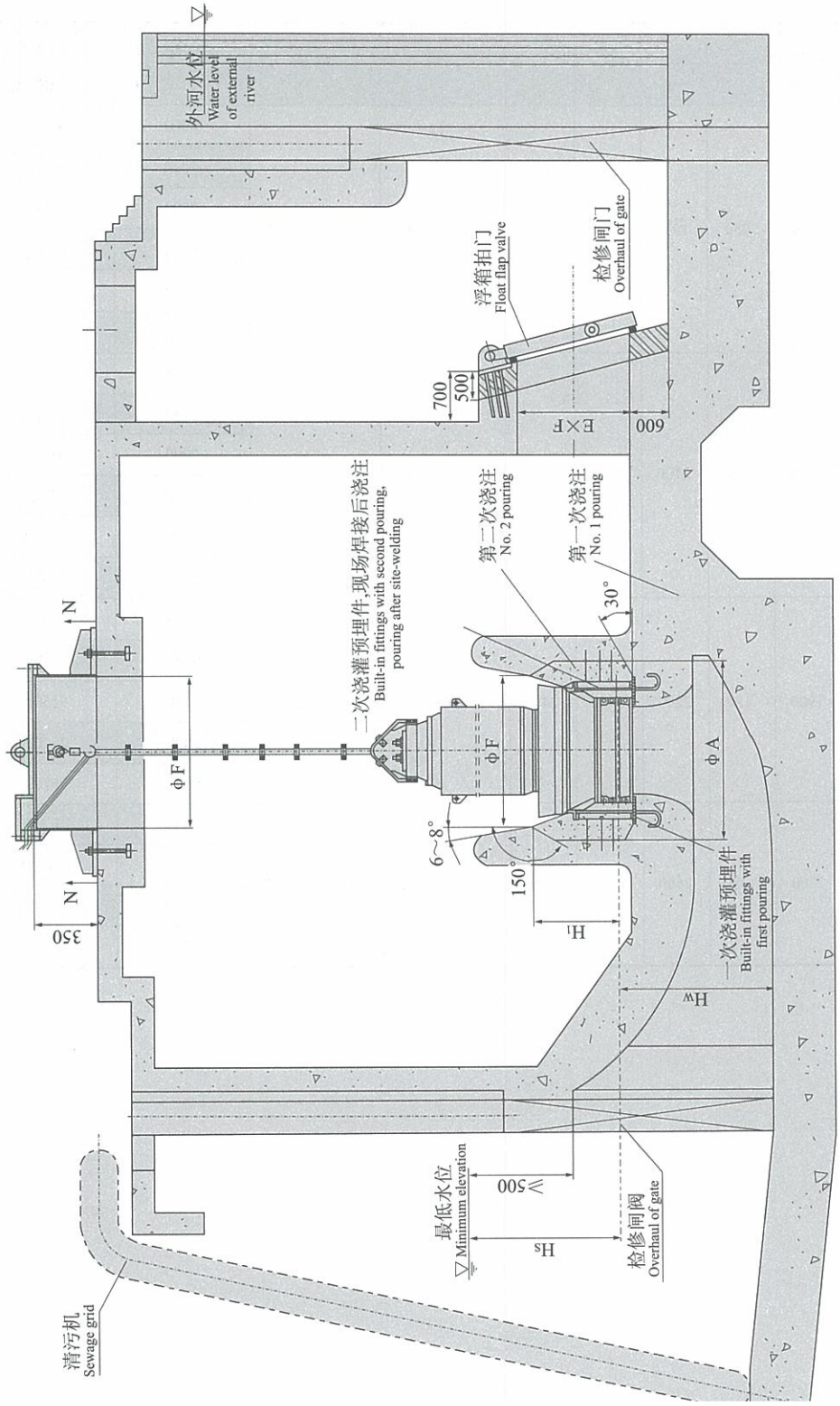
型号 Type	ϕA	ϕF	G	H	n-ϕf	M	N	O	P	Z	T	W	V	U	ϕY	泵重 Pump weight (kg)	轴向水推力 (N)
500QZ-135D	600或700	800	1150	1400	4-M30×400	430	810	2015	200	1800	540	1800	450	540	680	800	6300
600QH-35	700或800	1000	1300	1550	4-M30×500	530	880	3200	220	2200	660	2200	550	660	880	2900	45900
600QH-40							880	3200								2800	43500
600QH-72							880	2900								2600	22400
600QZ-50							880	2900								2600	24100
600QZ-75							880	2570								2100	19900
600QZ-100							880	2570								2100	16100
600QZ-135							880	2570								2100	14000
700QH-35	800或900	1100	1350	11650	4-M36×500	580	1590	3800	220	2400	720	2400	600	720	950	3300	65000
700QH-40							1510	3800								3300	61600
700QH-72							1280	3100								2900	31700
700QZ-50							960	2900								2900	34200
700QZ-75							1400	2850								2500	28300
700QZ-100							960	2570								2300	22900
700QZ-135							1480	2570								2300	19900
700QZ-160							1100	2570								2200	13900
800QH-35	900或1000	1200	1450	1700	4-M36×500	670	1120	4200	260	2800	840	2800	700	840	1050	4100	76600
800QH-40							1120	4200								4100	72600
800QH-72							1120	3100								3900	37400
800QZ-50							1120	3100								3900	40200
800QZ-75							1120	2900								3500	33300
800QZ-100							1120	2900								2850	26900
800QZ-135							1120	2900								2850	23400
800QZ-160							1120	2900								2700	16400
900QH-35G	1000或1100	1300	1500	1750	4-M36×500	820	1710	4400	300	3400	1020	3400	850	1020	1150	6500	129600
900QH-35D							1360	4600								7000	114800
900QH-40G							1640	4500								6500	122900

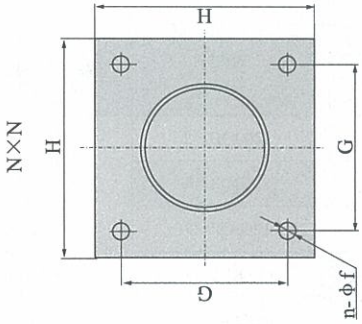
表（三）Table(3)

序号 No.	型号 Type	ϕA	ϕF	G	H	n-ϕf	M	N	O	P	Z	T	W	V	U	ϕY	泵重 Pump weight (kg)	轴向水推力 (N)
55	900QH-40D	1000或1100	1300	1500	1750	4-M36×500	820	1360	4600	300	3400	1020	3400	850	1020	1150	6500	108900
56	900QH-72G							1410	3700								5500	63300
57	900QH-72D							1360	3800								5500	56100
58	900QZ-50G							1360	3900								5500	68100
59	900QZ-50D							1360	4000								5500	60300
60	900QZ-75G							1520	3600								5000	56300
61	900QZ-75D							1360	3700								5000	49900
62	900QZ-100G							1360	3370								5000	45600
63	900QZ-100D							1360	3500								5000	40400
64	900QZ-135G							1600	3000								4500	39600
65	900QZ-135D							1360	3100								5000	35100
66	900QZ-160G							1360	3000								4500	27800
67	900QZ-160D							1360	3100								4500	24600
68	1000QH-35	1200	1630	1600	1850	4-M36×500	840	1390	4900	300	3480	1040	3480	870	1044	1250	8000	126000
69	1000QH-40							1390	4900								8000	119500
70	1000QH-72							1390	4200								7000	61500
71	1000QZ-50							1390	4200								7000	66200
72	1000QZ-75							1390	3900								6200	54800
73	1000QZ-100							1390	3300								5200	44300
74	1000QZ-135							1390	3300								5200	38500
75	1000QZ-160							1390	3300								5200	27000
76	1200QH-72	1400	1600	1800	2100	4-M36×500	910	2630	4600	300	3800	1140	3800	950	1140	1420	8000	87500
77	1200QZ-50							2080	4600								8000	94100
78	1200QZ-75							2740	4300								7500	77800
79	1200QZ-100							1520	3800								6000	63000
80	1200QZ-135							2830	3800								6000	54700
81	1200QZ-160							2410	3800								6000	38400

QZ、QH系列泵安装形式及尺寸 QZ、QH SERIES PUMP INSTALLATION AND DIMENSION

4、封闭进水流道的混凝土预制井筒式安装 4.Concrete pre-made well-drum way of installation of closed water-in flow-path





进水流道可配肘形、钟形、簸箕形流道，安装尺寸表中的流道尺寸为簸箕流道（仅供参考）。

没深度除需要满足表中要求外，还必须比流道进口缘至少高500mm。

般来说，泵段安装尺寸由厂方提出，淹没深度由厂方提出要求，再通过装置试验验证确定；进出水流道的几何尺寸由设计单位

范进行数模证计算，初步确定后再进行装置模型试验，厂家提供的流道几何尺寸供设计单位设计时参考。

ption: The water-in flow-path can be wrist, clock or dustpan style flow-path, the table of installation dimensions shows the dustpan flow-path dimensions(for

nce only).

e submerged depth, beside the requirements in the table which are required staisfied, should also be higher by at least 500mm than the inlet edge of the flow-path.

enerally, the requirements for the installation dimensions of the pump section and the submerged depth are set forth by the user, then determined via the apparatus

he geometric dimensions of the water-in flow-path are calculated by the designing unit with mathematical models according to the standard, then, after the

y determination, tested with apparatus models, the geometric dimensions of the flow-path submitted by the user are for the designing unit to refer to in design.

QZ、QH系列泵封闭进水流道的混凝土预制井筒式安装尺寸表

QZ、QH SERIES PUMP CONCRETE PRE-MADE WELL-DRUM WAY ON INSTALLATION OF CLOSED WATER-IN FLOW-PATH DIMENSION TABLE

序号 No.	型号 Type	Hw	Hs	ΦF	H_1	ΦA	G	H	n-Φf	E-F	泵重 Pump weight	轴向水推力 D (N)
1	1200QH-72	1580	2050	1600	950	1900	1800	2100	4-M36×50	1400×1400	8000	87500
2	1200QZ-50		1450								8000	94100
3	1200QZ-75		2150								7500	77800
4	1200QZ-100		800								6000	63000
5	1200QZ-135		2250								6000	54700
6	1200QZ-160		1750								6000	38400
7	1300QH-72	1910	800	1800	1150	2100	2000	2300	4-M36×500	1400×1600	10000	107100
8	1300QZ-50		800								10000	115300
9	1300QZ-75		800								9000	95300
10	1300QZ-100		800								8000	77100
11	1300QZ-135		800								8000	67000
12	1300QZ-160		800								8000	47000
13	1400QH-72	1990	980	1900	120	2200	2100	2400	4-M36×500	1400×1800	12000	127000
14	1400QZ-75		1080								10000	113000
15	1400QZ-100		800								9000	91500
16	1400QZ-135		1180								9000	79400
17	1400QZ-160		800								9000	55700
18	1600QZ-75	2460	800	2300	1480	2600	2500	2800	4-M36×500	1400×1800	14000	166200
19	1600QZ-100		800								12000	134500
20	1600QZ-135		900								12000	116800
21	1600QZ-160		800								12000	81900

QZ、QH系列泵各种附件附图 QZ、QH SERIES PUMP VARIOUS OF ATTACHMENTS DRAWING

根据客户需要，我公司可供应下列附件：

、拦污栅

视泵站规模，有自动出污及机械出污（去除拦栅上杂质）多种系列供用户选用，尺寸需现场确定。下图为拦栅除污机。

GS为钢丝绳式格栅除污机。

GSE为移动式格栅除污机。

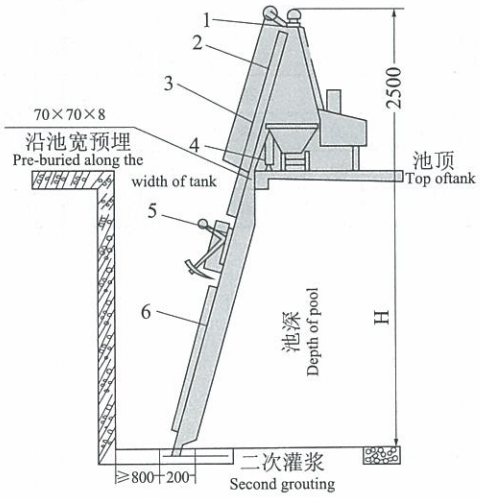
We can support attachment follow attachments on customer's request.

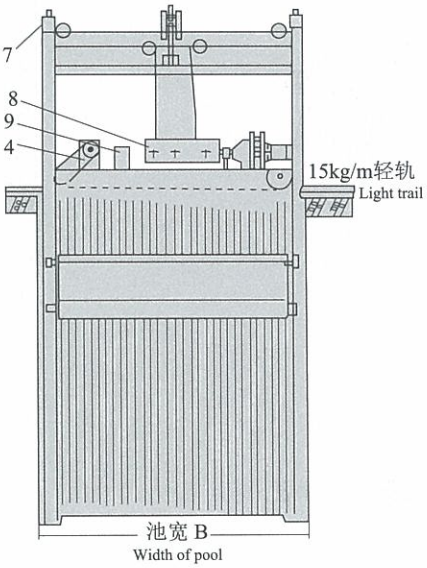
1.Sewage Grid

Several kinds of series of automatic removing waste and mechanical removing waste(remove the impurity on the trashrack will be supplied in accordance with the scale of pump station. The dimension should be decided on the spot. See the draw ing of the grille waste removers below.

GS pattern steel cable grille waste remover.

GSE pattern movable grille waste remover.





1	油压系统 Hydraulic press system
2	门形架 Gate frame
3	垃圾车 Rubbish vehicle
4	行车装置 Walking device
5	抓门 Grab bucket
6	栅条 Bar
7	保险装置 Insurance device
8	升降装置 Elevator
9	电气控制部分 Electric control part

主要规格及技术参数 MAIN SPECTTFICATION AND TECHNICALI PARAMETER

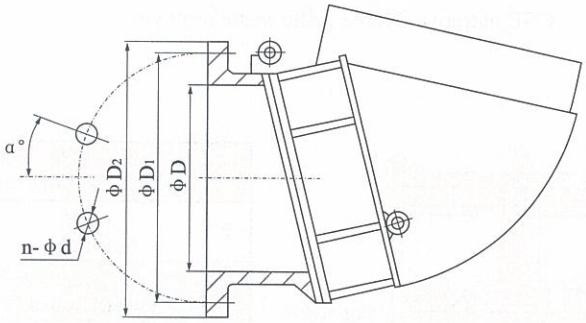
型 号 Model	格栅宽度 Grid	井梁(m) Well depth	栅条间距(mm) Space between bars	安装角度 Installing angle	电机功率 Motor power
GS GSE -1000	1000	2～12	20～100	60°～75°，特殊情况时可用90° 60°～75° ,90° for special condition	升降电机1.1～1.5kW，控制电机0.75kW，行走电机0.8/0.4kW(双速) Elevting motor 1.1～1.5kW, Control motoO.75kW, Walking motor 0.8/0.4kW(Double-speed)
GS GSE -1250	1250				
GS GSE -1500	1500				
GS GSE -1750	1750				

2、拍门

A.浮箱式拍门外形及联接尺寸表

2.Flag valve

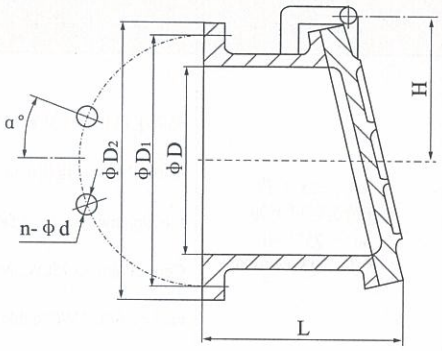
A. Appearance and connection dimension table for flap valve



井筒出水中径 Discharge caliber of well pipe	ΦD	ΦD1	ΦD2	n-Φd	α°
400	400	495	540	8-23	22.5
500	500	655	710	6-27	30
600	600	705	755	10-27	18
700	700	810	860	12-27	15
800	800	920	980	12-27	15
900	900	1020	1075	12-27	15
1000	1000	1120	1175	12-27	15
1200	1220	1320	1380	12-27	15
1300	1300	1430	1500	10-27	18
1400	1400	1560	1630	12-36	15

B.配重式拍门外形图及联接尺寸表

B. Appearance and connection dimension for Alocated heavy flap valve

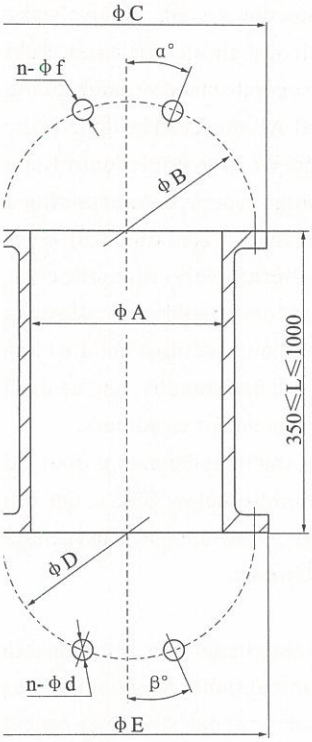


井筒出水中径 Discharge caliber of well pipe	ΦD	ΦD1	ΦD2	L	H	n-Φd	α°
400	400	495	540	230	260	8-23	22.5
500	500	655	710	280	310	6-27	30
600	600	705	755	330	360	10-27	18
700	700	810	860	420	410	12-27	15
800	800	920	980	420	460	12-27	15
900	900	1020	1075	420	510	12-27	15
1000	1000	1120	1175	420	560	12-27	15
1200	1200	1320	1380	420	700	12-27	15
1400	1400	1560	1630	480	790	12-36	15

QZ、QH系列泵各种附件附图 QZ、QH SERIES PUMP VARIOUS OF ATTACHMENTS DRAWING

.预埋管

3.Pre-buried pipe



预埋管联接尺寸表 Connection Dimension Table For Pre-buried Pipe

穿墙管规格 Wall Pipe Specification	ϕA	ϕB	ϕC	n-ϕf	α°	ϕD	ϕE	n-ϕd	β°
400×L	400	495	540	16-22	11.25	495	540	8-23	22.5
500×L	500	600	645	20-22	9	655	710	6-27	30
600×L	600	705	755	20-26	9	705	755	10-27	18
700×L	700	810	860	24-26	7.5	810	860	12-27	15
800×L	800	920	975	24-30	7.5	920	980	12-27	15
900×L	900	1020	1075	24-30	7.5	1020	1075	12-27	15
1000×L	1000	1120	1175	28-30	6.429	1120	1175	12-27	15
1200×L	1200	1340	1405	32-33	5.625	1320	1380	12-27	15
1300×L	1300	1450	1520	32-36	5.625	1430	1500	10-27	18
1400×L	1400	1560	1630	36-36	5	1560	1630	12-36	15

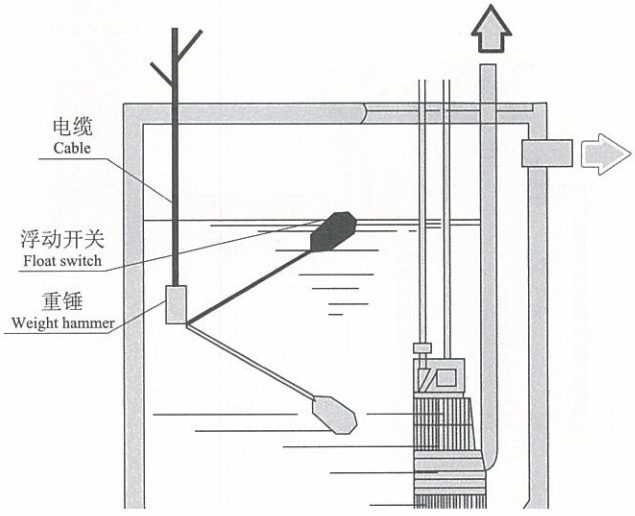
注：L为预埋管长、由用户确定（350≤L≤1000）
Note: L is the length of pre-buried pipe and delided by customers(350≤ L≤ 1000)

. 液位开关

高性能Key液位开关，可实现按液位高低的变化自动控制泵的运行。

4.Water Level Switch

The key water level switch of high performance can control the operation of pump automatically according to fluctuation of water level.



5. 控制柜

①用途：专用控制柜可实行全自动保护，具有主回路短路、缺相、过载保护及泵门的无人看管，备泵自投及信号输出。具有单控型、手动切换一用一备型，定时自动切换一用一备型、交替自动切换一用一备型、手动切换二用一备型、手动切换三用一备型等多种控制方式，可满足用户的多种需要。

②适应范围：a. 环境温度-25℃～+40℃；b. 空气相对温度不超过85%；c. 无爆炸危险的场合，且介质中无足以腐蚀金属和破坏绝缘的气体和导电尘埃。

③配套成套的中高压电控柜，实现泵站的电气动力自动控制。具体选用时参见连成样成。

6. 端子箱

设置端子箱的原意是便于安装施工操作。因此泵与电控柜之间的联接截体，现扩展为可带若干信号指示及部分控制功能的附加控制柜（仍称为端子箱），以解决中央控制室远离泵房时操作上的不便。在联接型和控制型基础上，又分为户内型和户外型共四种类型。

5. Control panel

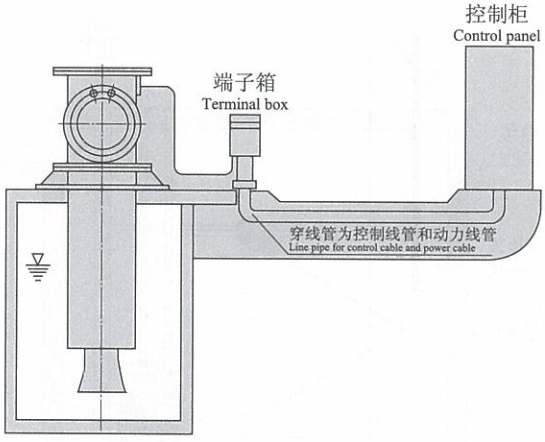
① Usage: Special control panel for QZ series axial flo pump has automatic protection system. Is can check o misakes like short circuit of main electtic wires, lacki phrase, overload and can operate standby pump autom ically and send out singal. All thesecan be done witho human beings suoervision, We have single control hand change type, handle change type with one running a one standby, automatic changest fixed time with one r -ning and one standby, alternatively automatic chan type with one running and one standby, handle chan type with two running and one standby, handle chan type with three running and one standby, and so on. V can meet different requirements of customers.

② Appucation conditions: a. Ambunttemperature from -25 to +40℃; b. Relatiwe humidity below85%; c. Operati place witr no explosionrisk, no metaleroswe and isolati amaging gases, conductive dust.

6. Terminal box

Using terminal box is for easy installtion The connectic carrier between pump and control panel is expansed a s a appendix control panel(still is an terminal box)which can car signals and have some control functions. This can solve t probl em of long dist ance between central control control roo and pump hou sing. Bas ed on connection type and control typ We also have indoortype.

泵房布置简图 Pump station arrangement



明：

1.所有信号线可埋一根穿线管。

2.动力线按提供的电缆线直径、数量自行确定预埋管的大小。

3.动力线和信号线必须分别埋设管道，不可混穿。

4.端子箱与控制柜之间采用直流电流信号，可长距离输送，无衰减。

根据用户需求，我公司亦可供应闸阀、启闭机等其它附件。

Notes:

1.All signal cables allowed in a line pipe.

2.Power cable pipe diameter is decided by power cadle diameter and num-ber.

3.Signal cables must be separated from power cables.

4.Signal transmitted between the cabinet and the terminal box are DC signals and is allowed to iong distance trans-ference without attenuation.

7.We can also support sluice gate headstock gare etc. Attachments on customer' s request.

订货须知 INSTRUMENT TO ORDER

订货时应注明准确的产品型号、产品名称、性能参数（流量、扬程、电机功率、使用电压），安装形式弯管（弯管悬吊式、井筒悬吊式、预制井筒式、开式、闭式）。

控制柜应注明：起动方式（直接起动、自耦降压起动、可控硅软起动），控制数量（一控一、一控二、一控三、一控四等各种控制方式），液位控制方式（浮球液位、压力传感液位及其他方式），如配端子箱，应注明是控制型，还是接线型，是户外型，还是户内型。

本公司潜水电缆正常供货长度10m，若用户特殊要求，请予以注明。

若有其他特殊要求，签订合同前请与本公司市场销售部联系，签订合同时应明确注明。

1.Please give clear indication ofcorrect product model, product description, characteristic (capacity, head,motor power, applicable voltage), installation mode(circular cantilever type, right-angle cantilever type, prefabricated type,open type, shut type).

2.The control cabinet should be givenclear indication of start mode (direct start, decreasing voltagestart, control silicon soft start), number ofcontrolled pump (1 cabinet controls 1 pump, 1 cabinet contrls 2 pumps, 1 cabinet controls3 pumps, 1 cabinet controls 4 pumps, etc),evevation control mode (floating ball elevation, pressure sensor elevation andothers). If you need terminal box ,please give clearindication of whether it is used for controlor connecting cables and whether it is usedfor indoor or outdoor.

3.The length of submersible cable we should supply is 10 meters long, please give clearindication if youhave special requirement.

4.If you have other particular requests, please contact with technical department of ourcompany without hesitation before signing contract and give clearindication when sig-ning contract.

上海水泵制造有限公司（上海水泵厂）

Shanghai Pump Manufacture Co.,Ltd (ShangHai Pump Works)

地 址：上海市奉贤区青村镇光大路228号

Address: No.228 GuangDa Road, QingCun Town,FengXian District, Shanghai

电 话Tel： 86-21-37595000 37595008 64302191 37595033

传 真Fax：86-21-37595009

网 址Http：//www.sh-pump.com

邮 箱E-Mail：sh-pump@sh-pump.com

销 售/服务热线Sales/service hotline：400-021-7008