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The advertisement for Hanthing Water pumps features a blue and white color scheme. On the left is the Hanthing logo, a stylized 'S' shape. To its right is a collage of various pump models. A large, diagonal yellow banner with the text 'Water pump' in blue runs across the center. To the right of the banner, four blue boxes list pump types: 'Inline', 'Split case', 'Multi stage', and 'End suction'. At the bottom, the website 'www.hanthing.com' is displayed in white on a blue background.

**Hanthing**

**Water pump**

Inline  
Split case  
Multi stage  
End suction

[www.hanthing.com](http://www.hanthing.com)



The advertisement for Exthin Air Compressors has a black and yellow theme. On the left is the Exthin logo, featuring a yellow abstract line design above the word 'Exthin' in yellow. To the right, a diagonal black banner with 'Air Compressor' in yellow text is positioned over a collage of compressor models. Above the banner, three black boxes list types: 'Portable', 'Screw', and 'Piston'. At the top right, the website 'www.exthin.com' is shown in white. On the far right is a detailed image of a large industrial air compressor unit.

**Exthin**

**Air Compressor**

Portable  
Screw  
Piston

[www.exthin.com](http://www.exthin.com)

ShangHai HanThing pump Co.,ltd  
Website: [www.hanthing.com](http://www.hanthing.com)  
Address: NO.566, Tongli road, songjiang district, Shanghai, China  
Mobile: +86-021-56550238  
Email: [sales@hanthing.com](mailto:sales@hanthing.com)



国家产品质量免检 | 中国著名品牌

# QZ/QH系列轴、混流泵

QZ/QH Series Axial/Mixed flow Pump



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## QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP

## 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 pumps are modern productions successfully designed by the means of adopting foreign modern technology. The new pumps' capacity are 20% larger than the old ones. The efficiency is 3~5% higher than the old ones.

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

A: pump station is small in scale, the construction is simple 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 of pump.

C: low noise、long life.

The material of the series of QZ、QH can be cast iron、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 pumps application range: water supply in cities, diversion works, sewage drainage system, sewage disposal project.

## 泵的使用条件 Working conditions

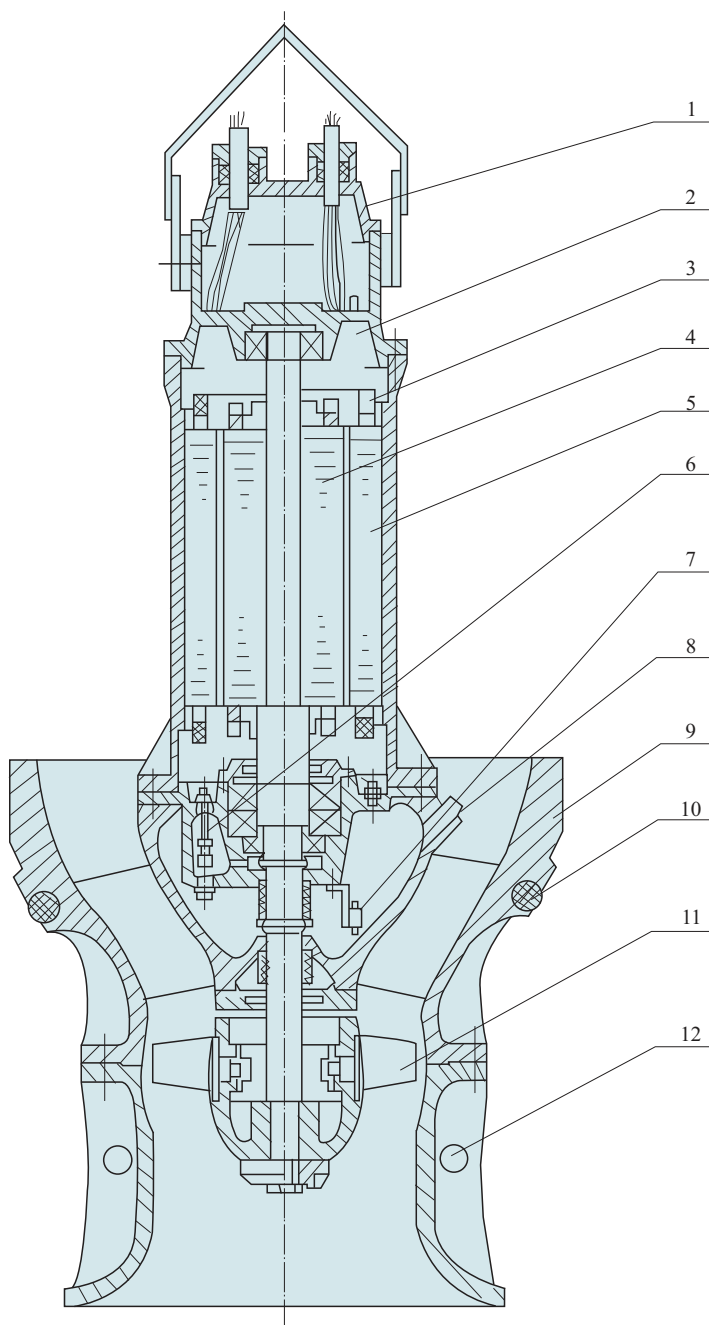
不超过50°C的清水及类似清水的其它液体。

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



**QZ 系列潜水轴流泵、QH 系列潜水混流泵**

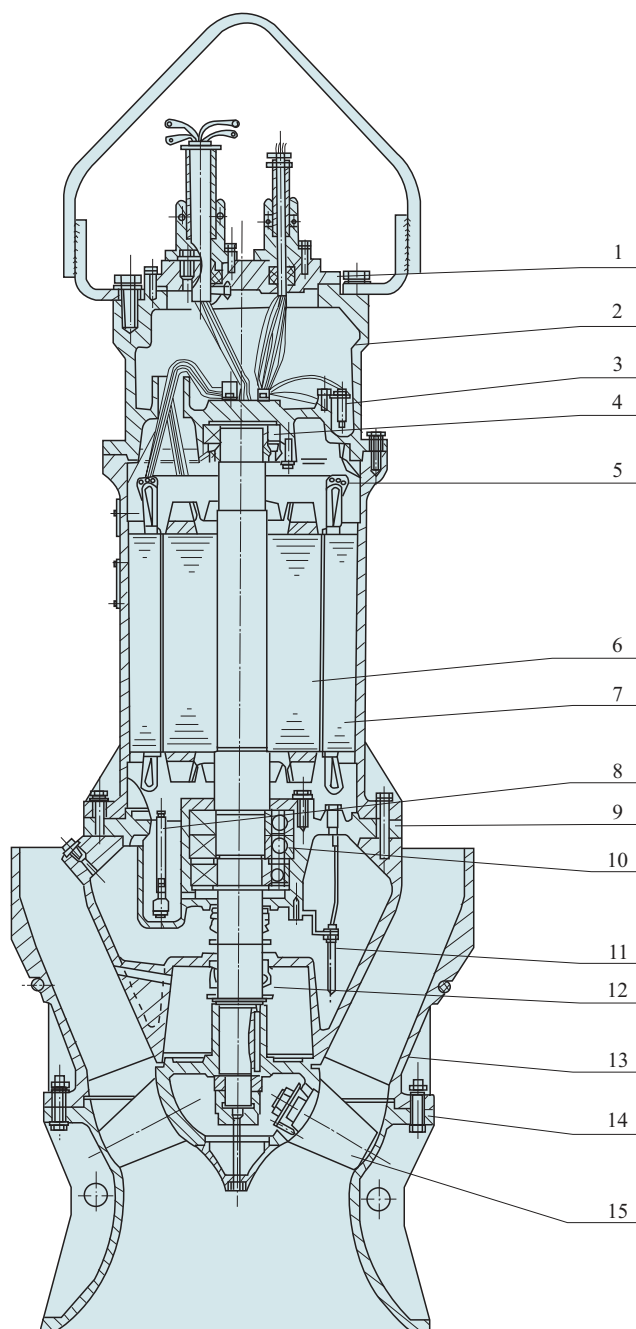
**QZ型潜水轴流泵结构图 QZ type submersible axial-flow pumps structure drawing**



|    |                      |
|----|----------------------|
| 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    |

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**

**QH型潜水混流泵结构图 QH type submersible mixed-flow pumps structure drawing**



|    |                        |
|----|------------------------|
| 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     |

## QZ 系列潜水轴流泵、QH 系列潜水混流泵

## 结构说明 Structure

## 进出水流道安装方式

- 1、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。
- 2、出水方式：拍门或其它方式。
- 3、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 leaking, 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

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**

## 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

350   QZ(H)   -   35   -   G   (D)

### 1.Series Code

QZ-impeller adjustable submersible axial flow pump

QH-impeller adjustable submersible mixed flow pump

### 2. Example

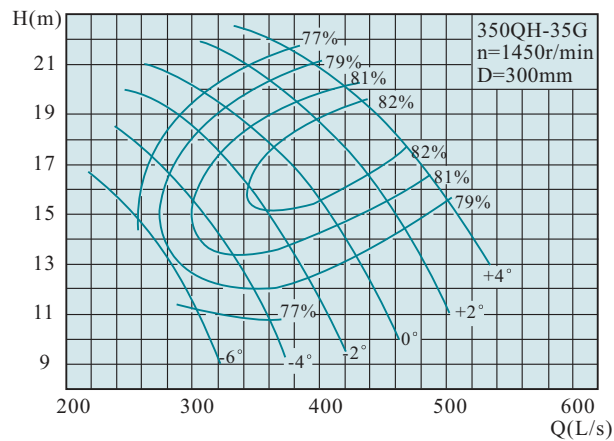
比转数，名义排出口径相同较低一档转速  
Equal specific number of revolutions and nominal release aperture rotating speed at a lower shift

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 aperture rotating speed at a higher shift

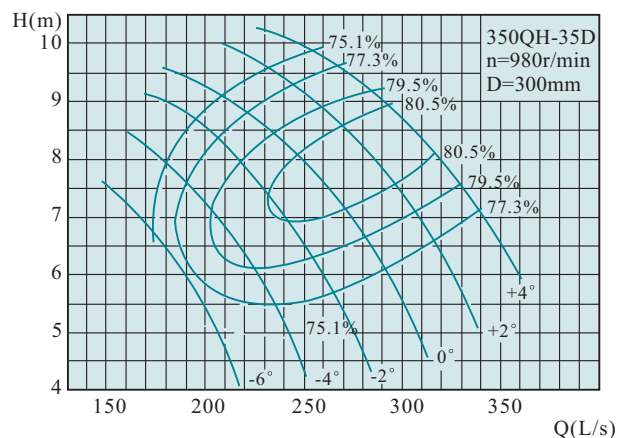
比转数的1/10  
1/10 of the specific number of revolution

潜水轴流泵（潜水混流泵）  
Submersible axial-flow pump(submersible mixed-flow pump)

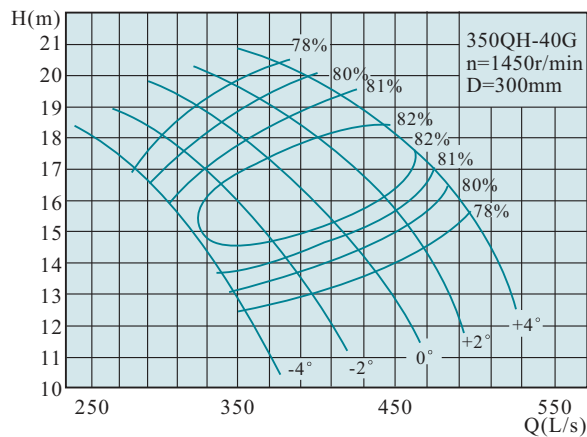
名义排出口径  
Nominal release aperture

**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**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**


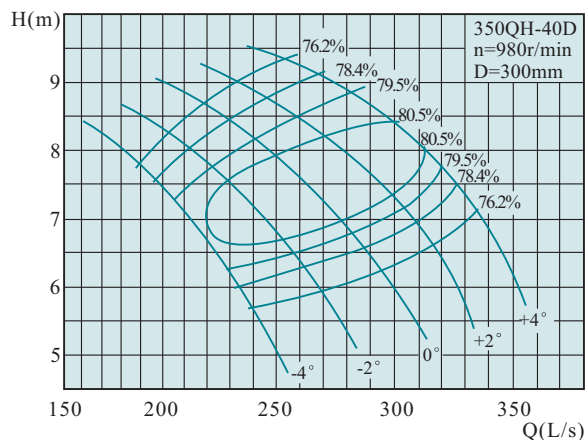
| 叶片安装角度<br>Angle | 流量 Q Capacity |       | 扬程 H<br>Head (m) | 转速 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|---------------|-------|------------------|-----------------------|--------------------|---------------------|-----------------------|-------------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

**350QH-35D**


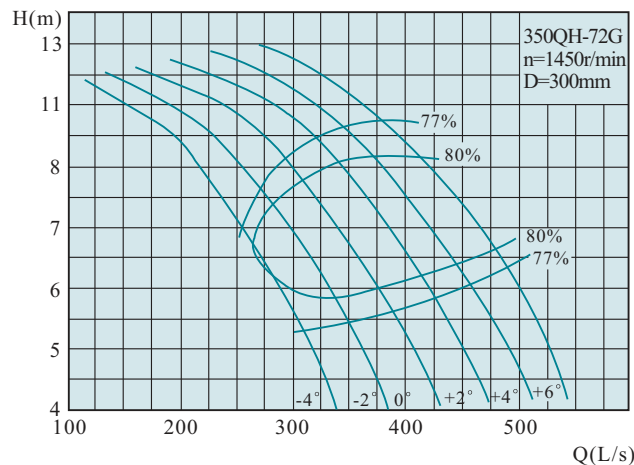
| 叶片安装角度<br>Angle | 流量 Q Capacity |       | 扬程 H<br>Head (m) | 转速 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|---------------|-------|------------------|-----------------------|--------------------|---------------------|-----------------------|-------------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

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**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-40G**


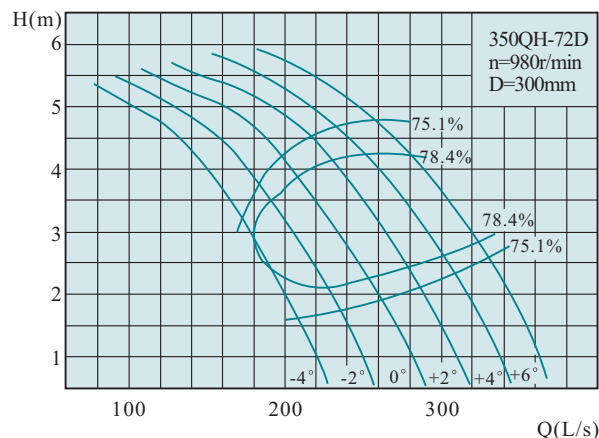
| 叶片安装角度<br>Angle | 流量 Q Capacity |       | 扬程 H<br>Head (m) | 转速 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|---------------|-------|------------------|-----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)        | (L/s) |                  |                       | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -4°             | 1005.5        | 279.3 | 17.05            | 1450                  | 59.9               | 75                  | 78                    | 300                                       |
|                 | 1170          | 325   | 13.65            |                       | 53.3               |                     | 81.6                  |                                           |
|                 | 1275.8        | 354.4 | 12.44            |                       | 55.4               |                     | 78                    |                                           |
| -2°             | 1079.9        | 300   | 18.08            |                       | 68.2               | 90                  | 78                    |                                           |
|                 | 1296          | 360   | 14.8             |                       | 63.7               |                     | 82                    |                                           |
|                 | 1430.3        | 397.3 | 13.01            |                       | 65                 |                     | 78                    |                                           |
| 0°              | 1168.6        | 324.6 | 19.04            |                       | 77.7               | 110                 | 78                    |                                           |
|                 | 1404          | 390   | 16.1             |                       | 74.8               |                     | 82.3                  |                                           |
|                 | 1572.6        | 436.8 | 13.68            |                       | 75.2               |                     | 78                    |                                           |
| +2°             | 1243          | 345.3 | 19.72            |                       | 85.6               |                     | 78                    |                                           |
|                 | 1512          | 420   | 17.2             |                       | 85.4               |                     | 83                    |                                           |
|                 | 1683.3        | 467.6 | 14.42            |                       | 84.8               |                     | 78                    |                                           |
| +4°             | 1352.2        | 375.6 | 20.39            |                       | 96.3               |                     | 78                    |                                           |
|                 | 1620          | 450   | 18.2             |                       | 97.4               |                     | 82.5                  |                                           |
|                 | 1785.5        | 496   | 15.59            |                       | 97.2               |                     | 78                    |                                           |

**350QH-40D**


| 叶片安装角度<br>Angle | 流量 Q Capacity |       | 扬程 H<br>Head (m) | 转速 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|---------------|-------|------------------|-----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)        | (L/s) |                  |                       | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -4°             | 679.6         | 188.8 | 7.79             | 980                   | 18.9               | 22                  | 76.2                  | 300                                       |
|                 | 790.8         | 219.7 | 6.24             |                       | 16.8               |                     | 80.1                  |                                           |
|                 | 862.3         | 239.5 | 5.68             |                       | 17.5               |                     | 76.2                  |                                           |
| -2°             | 729.8         | 202.7 | 8.26             |                       | 21.6               | 30                  | 76.2                  |                                           |
|                 | 875.9         | 243.3 | 6.76             |                       | 20                 |                     | 80.5                  |                                           |
|                 | 966.7         | 268.5 | 5.94             |                       | 20.5               |                     | 76.2                  |                                           |
| 0°              | 789.8         | 219.4 | 8.7              |                       | 24.6               | 37                  | 76.2                  |                                           |
|                 | 948.9         | 263.6 | 7.35             |                       | 23.5               |                     | 80.9                  |                                           |
|                 | 1062.9        | 295.2 | 6.25             |                       | 23.7               |                     | 76.2                  |                                           |
| +2°             | 840.1         | 233.4 | 9.01             |                       | 27.1               |                     | 76.2                  |                                           |
|                 | 1021.9        | 283.9 | 7.86             |                       | 26.8               |                     | 81.6                  |                                           |
|                 | 1137.7        | 316   | 6.59             |                       | 26.8               |                     | 76.2                  |                                           |
| +4°             | 913.9         | 253.9 | 9.31             |                       | 30.4               |                     | 76.2                  |                                           |
|                 | 1094.9        | 304.1 | 8.31             |                       | 30.6               |                     | 81.1                  |                                           |
|                 | 1206.7        | 335.2 | 7.12             |                       | 30.7               |                     | 76.2                  |                                           |

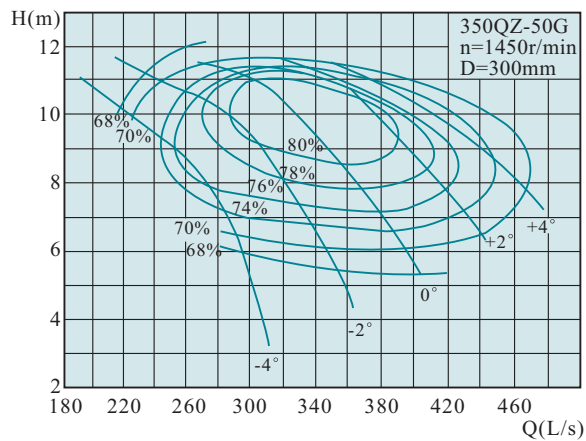
**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 Curve and specification**
**350QH-72G**


| 叶片安装角度<br>Angle | 流量Q Capacity |       | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|-------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------------------|
|                 | (m³/h)       | (L/s) |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                 |                                           |
| -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              |                                           |
| -2°             | 1072.8       | 298   | 3.9             |                      | 14.8               | 37                  | 77              |                                           |
|                 | 896.4        | 249   | 9               |                      | 28.6               |                     | 77              |                                           |
|                 | 975.6        | 271   | 7.95            |                      | 26.4               |                     | 80              |                                           |
|                 | 1076.4       | 299   | 6.34            |                      | 22.8               |                     | 81.5            |                                           |
| 0°              | 1184.4       | 329   | 4.6             |                      | 18.6               |                     | 80              |                                           |
|                 | 1227.6       | 341   | 3.7             |                      | 16.1               |                     | 77              |                                           |
|                 | 1018.8       | 283   | 9.4             |                      | 33.9               | 45                  | 77              |                                           |
|                 | 1101.6       | 306   | 8.34            |                      | 31.3               |                     | 80              |                                           |
| +2°             | 1238.4       | 344   | 6.28            |                      | 25.9               |                     | 81.8            |                                           |
|                 | 1317.6       | 366   | 5               |                      | 22.4               |                     | 80              |                                           |
|                 | 1364.4       | 379   | 4.1             |                      | 19.8               |                     | 77              |                                           |
|                 | 1108.8       | 308   | 10.01           |                      | 39.3               | 55                  | 77              |                                           |
| +4°             | 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              |                                           |
| +6°             | 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              |                                           |
| +6°             | 1656         | 460   | 4.5             |                      | 26.4               |                     | 77              |                                           |
|                 | 1332         | 370   | 10.5            |                      | 49.5               | 55                  | 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              |                                           |

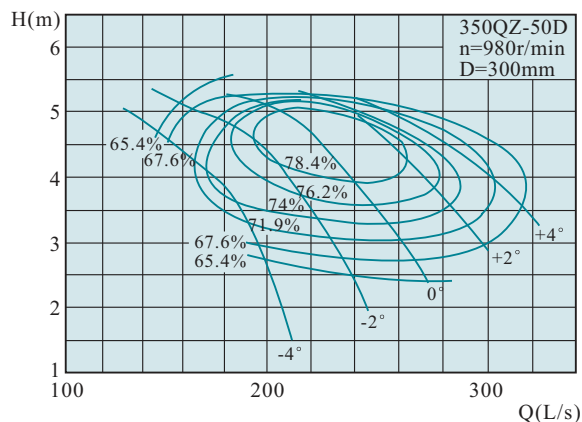
**350QH-72D**


| 叶片安装角度<br>Angle | 流量Q Capacity |       | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|-------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------------------|
|                 | (m³/h)       | (L/s) |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                 |                                           |
| -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            |                                           |
| -2°             | 725.1        | 201.4 | 1.78            |                      | 4.7                | 11                  | 75.1            |                                           |
|                 | 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            |                                           |
| 0°              | 800.5        | 222.4 | 2.1             |                      | 5.8                | 15                  | 78.4            |                                           |
|                 | 829.7        | 230.5 | 1.69            |                      | 5.1                |                     | 75.1            |                                           |
|                 | 688.6        | 191.3 | 4.29            |                      | 10.7               |                     | 75.1            |                                           |
|                 | 744.5        | 206.8 | 3.81            |                      | 9.9                |                     | 78.4            |                                           |
| +2°             | 837          | 232.5 | 2.87            |                      | 8.1                | 15                  | 80.3            |                                           |
|                 | 890.5        | 247.4 | 2.28            |                      | 7.1                |                     | 78.4            |                                           |
|                 | 922.1        | 256.2 | 1.87            |                      | 6.3                |                     | 75.1            |                                           |
|                 | 749.4        | 208.2 | 4.57            |                      | 12.4               | 18.5                | 75.1            |                                           |
| +4°             | 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            |                                           |
| +6°             | 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            |                                           |
| +6°             | 1119.2       | 310.9 | 2.06            |                      | 8.3                | 18.5                | 75.1            |                                           |
|                 | 900.2        | 250.1 | 4.8             |                      | 15.7               |                     | 75.1            |                                           |
|                 | 973.2        | 270.3 | 4.2             |                      | 14.2               |                     | 78.4            |                                           |
|                 | 1043.8       | 289.9 | 3.72            |                      | 13.2               |                     | 79.9            |                                           |
| +6°             | 1143.6       | 317.7 | 2.83            |                      | 11.3               |                     | 78.4            |                                           |
|                 | 1167.9       | 324.4 | 2.56            |                      | 10.8               |                     | 75.1            |                                           |

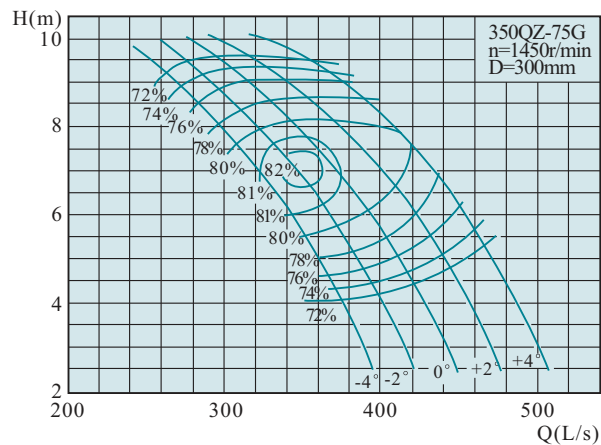


**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 Curve and specification**
**350QZ-50G**


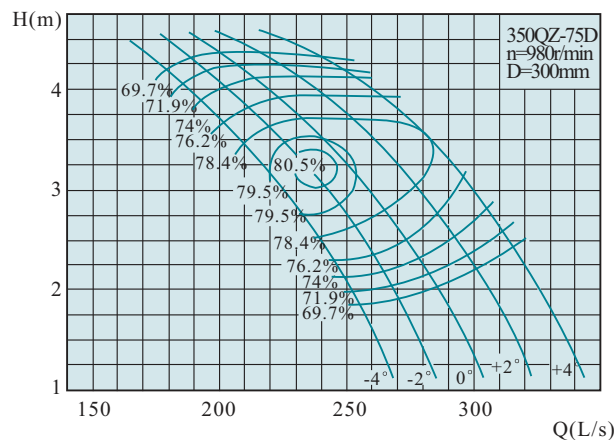
| 叶片安装角度<br>Angle | 流量 Q Capacity |       | 扬程 H<br>Head (m) | 速转 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|---------------|-------|------------------|-----------------------|--------------------|---------------------|-----------------------|-------------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

**350QZ-50D**


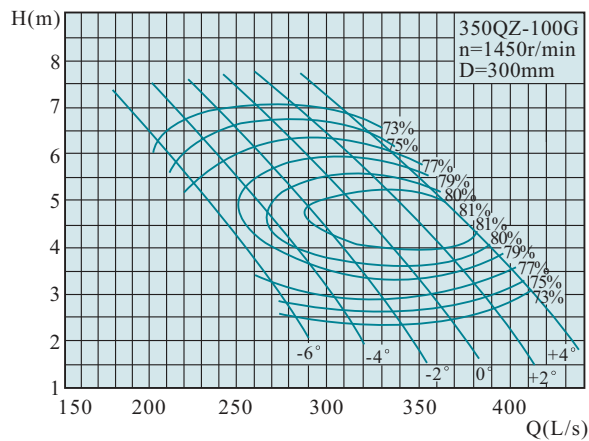
| 叶片安装角度<br>Angle | 流量 Q Capacity |       | 扬程 H<br>Head (m) | 速转 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|---------------|-------|------------------|-----------------------|--------------------|---------------------|-----------------------|-------------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

**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**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**


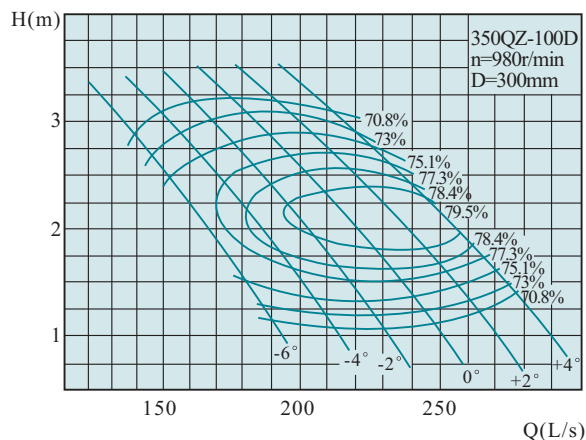
| 叶片安装角度<br>Angle | 流量 Q Capacity |       | 扬程 H<br>Head (m) | 转速 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|---------------|-------|------------------|-----------------------|--------------------|---------------------|-----------------------|-------------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

**350QZ-75D**


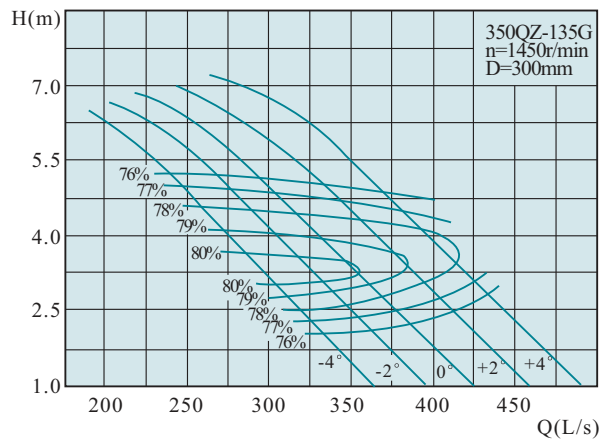
| 叶片安装角度<br>Angle | 流量 Q Capacity |       | 扬程 H<br>Head (m) | 转速 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|---------------|-------|------------------|-----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)        | (L/s) |                  |                       | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -4°             | 724.4         | 201.2 | 3.7              | 980                   | 9.6                | 11                  | 76.2                  | 300                                       |
|                 | 825.8         | 229.4 | 2.9              |                       | 8.1                |                     | 80.1                  |                                           |
|                 | 884.7         | 245.7 | 2.3              |                       | 7.3                |                     | 76.2                  |                                           |
| -2°             | 748.9         | 208   | 3.84             |                       | 10.3               | 15                  | 76.2                  |                                           |
|                 | 862           | 239.5 | 3.1              |                       | 9                  |                     | 80.9                  |                                           |
|                 | 937           | 260.3 | 2.38             |                       | 8                  |                     | 76.2                  |                                           |
| 0°              | 805.7         | 223.8 | 3.93             |                       | 11.3               |                     | 76.2                  |                                           |
|                 | 902.4         | 250.7 | 3.22             |                       | 9.9                |                     | 79.9                  |                                           |
|                 | 983.3         | 273.1 | 2.53             |                       | 8.9                |                     | 76.2                  |                                           |
| +2°             | 866.9         | 240.8 | 3.97             |                       | 12.3               |                     | 76.2                  |                                           |
|                 | 965.7         | 268.2 | 3.28             |                       | 10.9               |                     | 79.2                  |                                           |
|                 | 1038.9        | 288.6 | 2.81             |                       | 10.5               |                     | 76.2                  |                                           |
| +4°             | 957.6         | 266   | 3.96             |                       | 13.6               |                     | 76.2                  |                                           |
|                 | 1010.5        | 280.7 | 3.48             |                       | 12.2               |                     | 78.4                  |                                           |
|                 | 1064.4        | 295.7 | 3.13             |                       | 11.9               |                     | 76.2                  |                                           |

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**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-100G**


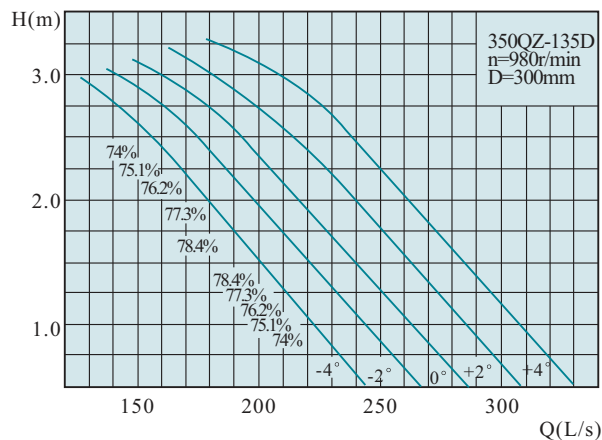
| 叶片安装角度<br>Angle | 流量 Q Capacity |       | 扬程 H<br>Head (m) | 转速 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|---------------|-------|------------------|-----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)        | (L/s) |                  |                       | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -6°             | 826.2         | 229.5 | 5.26             | 1450                  | 15.4               | 18.5                | 77                    | 300                                       |
|                 | 900           | 250   | 4.03             |                       | 12.5               |                     | 79                    |                                           |
|                 | 969.8         | 269.4 | 3.25             |                       | 11.2               |                     | 77                    |                                           |
| -4°             | 877.1         | 243.6 | 5.83             |                       | 18.1               | 22                  | 77                    |                                           |
|                 | 1008          | 280   | 4.1              |                       | 14.1               |                     | 80.1                  |                                           |
|                 | 1100.8        | 305.8 | 2.91             |                       | 11.3               |                     | 77                    |                                           |
| -2°             | 938.8         | 260.8 | 6.11             |                       | 20.3               | 30                  | 77                    |                                           |
|                 | 1098          | 305   | 4.2              |                       | 15.6               |                     | 80.7                  |                                           |
|                 | 1198.2        | 332.8 | 2.94             |                       | 12.5               |                     | 77                    |                                           |
| 0°              | 1005.8        | 279.4 | 6.25             |                       | 22.2               | 30                  | 77                    |                                           |
|                 | 1188          | 330   | 4.21             |                       | 16.8               |                     | 81                    |                                           |
|                 | 1284.3        | 356.7 | 2.98             |                       | 13.5               |                     | 77                    |                                           |
| +2°             | 1098.2        | 305.1 | 6.28             |                       | 24.4               | 30                  | 77                    |                                           |
|                 | 1260          | 350   | 4.43             |                       | 18.7               |                     | 81.5                  |                                           |
|                 | 1360.1        | 377.8 | 3.22             |                       | 15.5               |                     | 77                    |                                           |
| +4°             | 1200.4        | 333.4 | 6.06             |                       | 25.7               | 30                  | 77                    |                                           |
|                 | 1350          | 375   | 4.45             |                       | 20.2               |                     | 81.2                  |                                           |
|                 | 1432.2        | 397.8 | 3.52             |                       | 17.8               |                     | 77                    |                                           |

**350QZ-100D**


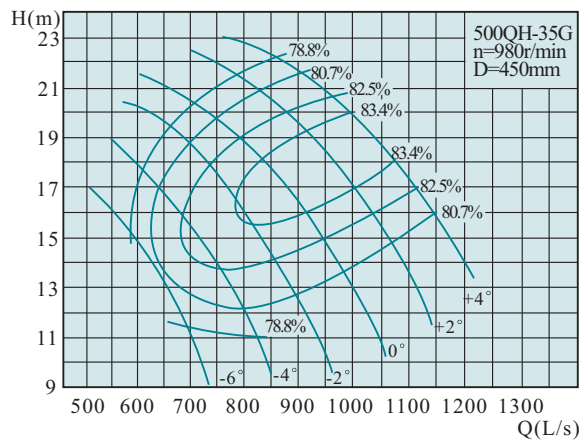
| 叶片安装角度<br>Angle | 流量 Q Capacity |       | 扬程 H<br>Head (m) | 转速 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|---------------|-------|------------------|-----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)        | (L/s) |                  |                       | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -6°             | 558.4         | 155.1 | 2.4              | 980                   | 4.9                | 5.5                 | 75.1                  | 300                                       |
|                 | 608.3         | 169   | 1.84             |                       | 3.9                |                     | 77.3                  |                                           |
|                 | 655.5         | 182.1 | 1.48             |                       | 3.5                |                     | 75.1                  |                                           |
| -4°             | 592.8         | 164.7 | 2.66             |                       | 5.7                | 7.5                 | 75.1                  |                                           |
|                 | 681.3         | 189.2 | 1.87             |                       | 4.4                |                     | 78.5                  |                                           |
|                 | 744           | 206.7 | 1.33             |                       | 3.6                |                     | 75.1                  |                                           |
| -2°             | 634.5         | 176.3 | 2.79             |                       | 6.4                | 11                  | 75.1                  |                                           |
|                 | 742.1         | 206.1 | 1.92             |                       | 4.9                |                     | 79.1                  |                                           |
|                 | 809.8         | 225   | 1.34             |                       | 3.9                |                     | 75.1                  |                                           |
| 0°              | 679.8         | 188.8 | 2.85             |                       | 7                  | 11                  | 75.1                  |                                           |
|                 | 802.9         | 223   | 1.92             |                       | 5.3                |                     | 79.5                  |                                           |
|                 | 868           | 241.1 | 1.36             |                       | 4.3                |                     | 75.1                  |                                           |
| +2°             | 742.2         | 206.2 | 2.87             |                       | 7.7                | 11                  | 75.1                  |                                           |
|                 | 851.6         | 236.6 | 2.02             |                       | 5.9                |                     | 80                    |                                           |
|                 | 919.3         | 255.3 | 1.47             |                       | 4.9                |                     | 75.1                  |                                           |
| +4°             | 811.3         | 225.4 | 2.77             |                       | 8.1                | 11                  | 75.1                  |                                           |
|                 | 912.4         | 253.4 | 2.03             |                       | 6.3                |                     | 79.7                  |                                           |
|                 | 967.9         | 268.9 | 1.61             |                       | 5.6                |                     | 75.1                  |                                           |

**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**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**


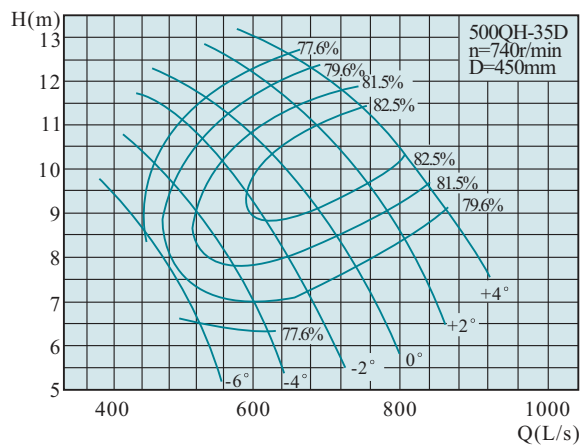
| 叶片安装角度<br>Angle | 流量 Q Capacity |       | 扬程 H<br>Head (m) | 转速 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|---------------|-------|------------------|-----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)        | (L/s) |                  |                       | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -4°             | 864.4         | 240.1 | 5.22             | 1450                  | 16.2               | 18.5                | 76                    | 300                                       |
|                 | 1116.7        | 310.2 | 2.88             |                       | 10.8               |                     | 80.8                  |                                           |
|                 | 1196.9        | 332.5 | 2.07             |                       | 8.9                |                     | 76                    |                                           |
| -2°             | 964.2         | 267.8 | 5.17             |                       | 17.9               | 22                  | 76                    |                                           |
|                 | 1200.6        | 333.5 | 3.08             |                       | 12.5               |                     | 80.5                  |                                           |
|                 | 1300.2        | 361.2 | 2.19             |                       | 10.2               |                     | 76                    |                                           |
| 0°              | 1064.7        | 295.7 | 5.12             |                       | 19.5               | 30                  | 76                    |                                           |
|                 | 1280.2        | 355.6 | 3.25             |                       | 14.2               |                     | 80.1                  |                                           |
|                 | 1390.3        | 386.2 | 2.24             |                       | 11.2               |                     | 76                    |                                           |
| +2°             | 1211.7        | 336.6 | 4.84             |                       | 21                 | 30                  | 76                    |                                           |
|                 | 1379.2        | 383.1 | 3.37             |                       | 16                 |                     | 79.3                  |                                           |
|                 | 1484.9        | 412.5 | 2.47             |                       | 13.2               |                     | 76                    |                                           |
| +4°             | 1334.4        | 370.7 | 4.87             |                       | 23.3               | 30                  | 76                    |                                           |
|                 | 1476.4        | 410.1 | 3.55             |                       | 18.2               |                     | 78.5                  |                                           |
|                 | 1563.6        | 434.3 | 2.85             |                       | 16                 |                     | 76                    |                                           |

**350QZ-135D**


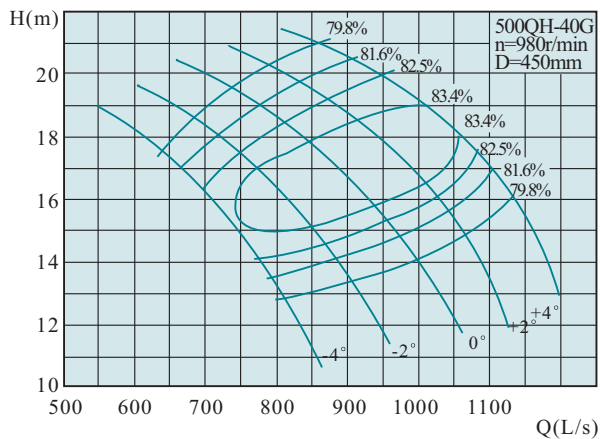
| 叶片安装角度<br>Angle | 流量 Q Capacity |       | 扬程 H<br>Head (m) | 转速 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|---------------|-------|------------------|-----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)        | (L/s) |                  |                       | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -4°             | 584.2         | 162.3 | 2.38             | 980                   | 5.1                | 5.5                 | 74                    | 300                                       |
|                 | 754.7         | 209.7 | 1.32             |                       | 3.4                |                     | 79.2                  |                                           |
|                 | 808.9         | 224.7 | 0.95             |                       | 2.8                |                     | 74                    |                                           |
| -2°             | 651.7         | 181   | 2.36             |                       | 5.7                | 7.5                 | 74                    |                                           |
|                 | 811.4         | 225.4 | 1.41             |                       | 3.9                |                     | 78.9                  |                                           |
|                 | 878.7         | 244.1 | 1                |                       | 3.2                |                     | 74                    |                                           |
| 0°              | 719.6         | 199.9 | 2.34             |                       | 6.2                | 7.5                 | 74                    |                                           |
|                 | 865.2         | 240.3 | 1.48             |                       | 4.5                |                     | 78.5                  |                                           |
|                 | 939.7         | 261   | 1.02             |                       | 3.5                |                     | 74                    |                                           |
| +2°             | 818.9         | 227.5 | 2.21             |                       | 6.7                | 11                  | 74                    |                                           |
|                 | 932.1         | 258.9 | 1.54             |                       | 5                  |                     | 77.6                  |                                           |
|                 | 1003.6        | 278.8 | 1.13             |                       | 4.2                |                     | 74                    |                                           |
| +4°             | 901.9         | 250.5 | 2.22             |                       | 7.4                | 11                  | 74                    |                                           |
|                 | 997.8         | 277.2 | 1.62             |                       | 5.7                |                     | 76.7                  |                                           |
|                 | 1056.8        | 293.5 | 1.3              |                       | 5.1                |                     | 74                    |                                           |

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**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-35G**


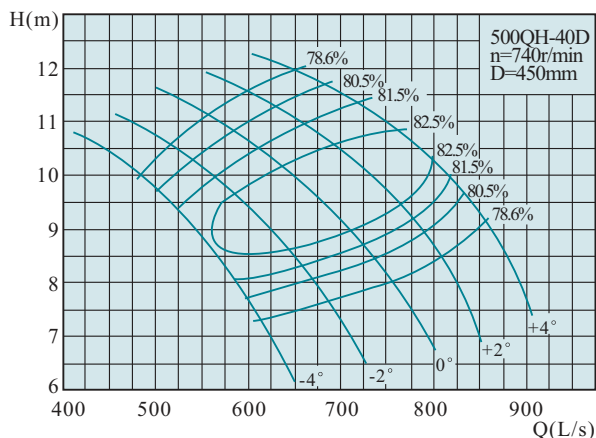
| 叶片安装角度<br>Angle | 流量 Q Capacity |        | 扬程 H<br>Head (m) | 转速 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|---------------|--------|------------------|-----------------------|--------------------|---------------------|-----------------------|-----------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

**500QH-35D**


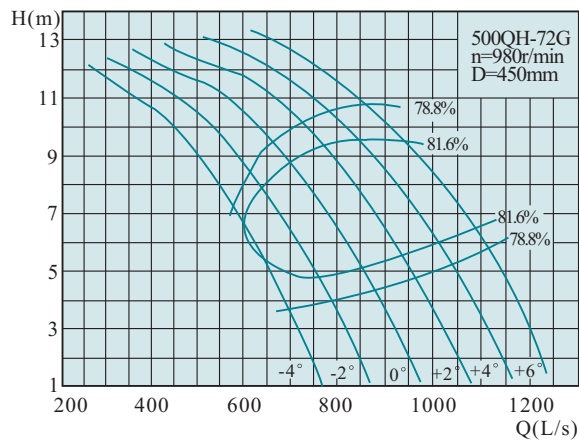
| 叶片安装角度<br>Angle | 流量 Q Capacity |       | 扬程 H<br>Head (m) | 转速 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|---------------|-------|------------------|-----------------------|--------------------|---------------------|-----------------------|-------------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

**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**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**


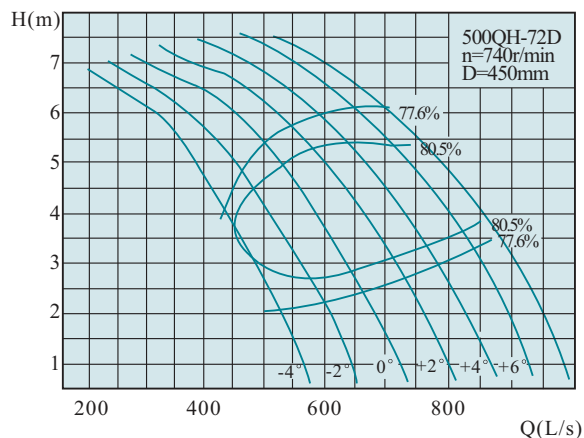
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                 |                                           |
| -4°             | 2293.5       | 637.1  | 17.52           | 980                  | 137.3              | 160                 | 79.8            | 450                                       |
|                 | 2668.8       | 741.3  | 14.03           |                      | 122.8              |                     | 83.1            |                                           |
|                 | 2910.2       | 808.4  | 12.79           |                      | 127.1              |                     | 79.8            |                                           |
| -2°             | 2463.2       | 684.2  | 18.58           |                      | 156.4              | 185                 | 79.8            |                                           |
|                 | 2956.2       | 821.2  | 15.21           |                      | 146.8              |                     | 83.4            |                                           |
|                 | 3262.5       | 906.3  | 13.37           |                      | 149                |                     | 79.8            |                                           |
| 0°              | 2665.6       | 740.4  | 19.57           |                      | 178.2              | 200                 | 79.8            |                                           |
|                 | 3202.6       | 889.6  | 16.55           |                      | 172.5              |                     | 83.7            |                                           |
|                 | 3587.2       | 996.4  | 14.06           |                      | 172.3              |                     | 79.8            |                                           |
| +2°             | 2835.4       | 787.6  | 20.27           |                      | 196.3              | 220                 | 79.8            |                                           |
|                 | 3448.9       | 958    | 17.68           |                      | 196.9              |                     | 84.4            |                                           |
|                 | 3839.7       | 1066.6 | 14.82           |                      | 194.4              |                     | 79.8            |                                           |
| +4°             | 3084.5       | 856.8  | 20.96           |                      | 220.8              | 250                 | 79.8            |                                           |
|                 | 3695.3       | 1026.5 | 18.71           |                      | 224.5              |                     | 83.9            |                                           |
|                 | 4072.7       | 1131.3 | 16.02           |                      | 222.9              |                     | 79.8            |                                           |

**500QH-40D**


| 叶片安装角度<br>Angle | 流量Q Capacity |       | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|-------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------------------|
|                 | (m³/h)       | (L/s) |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                 |                                           |
| -4°             | 1731.9       | 481.1 | 9.99            | 740                  | 60                 | 75                  | 78.6            | 450                                       |
|                 | 2015.2       | 559.8 | 8               |                      | 53.5               |                     | 82.1            |                                           |
|                 | 2197.5       | 610.4 | 7.29            |                      | 55.5               |                     | 78.6            |                                           |
| -2°             | 1860         | 516.7 | 10.6            |                      | 68.3               | 90                  | 78.6            |                                           |
|                 | 2232.2       | 620.1 | 8.67            |                      | 64                 |                     | 82.5            |                                           |
|                 | 2463.5       | 684.3 | 7.62            |                      | 65.1               |                     | 78.6            |                                           |
| 0°              | 2012.8       | 559.1 | 11.16           |                      | 77.9               | 110                 | 78.6            |                                           |
|                 | 2418.3       | 671.7 | 9.43            |                      | 75.1               |                     | 82.8            |                                           |
|                 | 2708.7       | 752.4 | 8.02            |                      | 75.3               |                     | 78.6            |                                           |
| +2°             | 2141         | 594.7 | 11.56           |                      | 85.8               | 110                 | 78.6            |                                           |
|                 | 2604.3       | 723.4 | 10.08           |                      | 85.7               |                     | 83.5            |                                           |
|                 | 2899.4       | 805.4 | 8.45            |                      | 84.9               |                     | 78.6            |                                           |
| +4°             | 2329.1       | 647   | 11.95           |                      | 96.5               | 110                 | 78.6            |                                           |
|                 | 2790.3       | 775.1 | 10.67           |                      | 97.7               |                     | 83              |                                           |
|                 | 3075.3       | 854.2 | 9.14            |                      | 97.4               |                     | 78.6            |                                           |

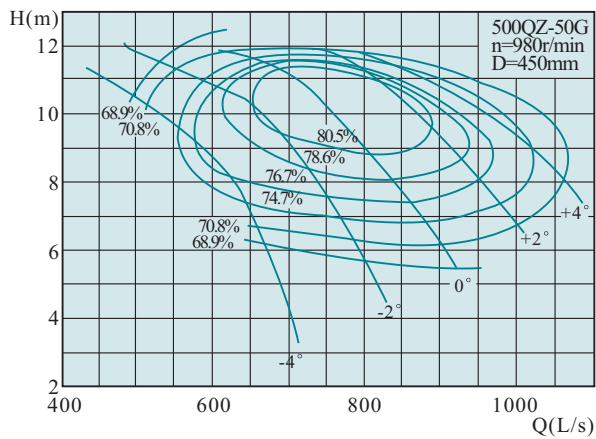
**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 Curve and specification**
**500QH-72G**


| 叶片安装角度<br>Angle | 流量Q Capacity |       | 扬程H<br>Head (m) | 速转n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|-------|-----------------|----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)       | (L/s) |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -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                  |                                           |
| -2°             | 2447.1       | 679.7 | 4.01            |                      | 33.9               |                     | 78.8                  |                                           |
|                 | 2044.7       | 568   | 9.25            |                      | 65.4               | 90                  | 78.8                  |                                           |
|                 | 2225.4       | 618.2 | 8.17            |                      | 60.7               |                     | 81.6                  |                                           |
|                 | 2455.3       | 682   | 6.52            |                      | 52.6               |                     | 83                    |                                           |
| 0°              | 2701.7       | 750.5 | 4.73            |                      | 42.6               |                     | 81.6                  |                                           |
|                 | 2800.2       | 777.8 | 3.8             |                      | 36.8               |                     | 78.8                  |                                           |
|                 | 2323.9       | 645.5 | 9.66            |                      | 77.6               | 110                 | 78.8                  |                                           |
|                 | 2512.8       | 698   | 8.57            |                      | 71.9               |                     | 81.6                  |                                           |
| +2°             | 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                  |                                           |
| +4°             | 2529.2       | 702.6 | 10.29           |                      | 89.9               | 132                 | 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                  |                                           |
| +6°             | 3490         | 969.4 | 4.32            |                      | 52.1               |                     | 78.8                  |                                           |
|                 | 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                  |                                           |

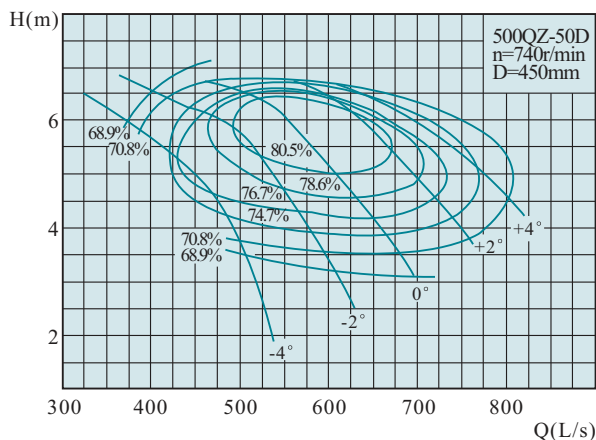
**500QH-72D**


| 叶片安装角度<br>Angle | 流量Q Capacity |       | 扬程H<br>Head (m) | 速转n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|-------|-----------------|----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)       | (L/s) |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -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                  |                                           |
|                 | 1668         | 463.3 | 3.37            |                      | 19                 |                     | 80.5                  |                                           |
| -2°             | 1847.8       | 513.3 | 2.29            |                      | 14.8               |                     | 77.6                  |                                           |
|                 | 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                    |                                           |
| 0°              | 2040         | 566.7 | 2.7             |                      | 18.6               |                     | 80.5                  |                                           |
|                 | 2114.4       | 587.3 | 2.17            |                      | 16.1               |                     | 77.6                  |                                           |
|                 | 1754.8       | 487.4 | 5.51            |                      | 33.9               | 45                  | 77.6                  |                                           |
|                 | 1897.4       | 527.1 | 4.89            |                      | 31.4               |                     | 80.5                  |                                           |
| +2°             | 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                  |                                           |
| +4°             | 1909.8       | 530.5 | 5.87            |                      | 39.3               | 55                  | 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                  |                                           |
| +6°             | 2635.3       | 732   | 2.46            |                      | 22.8               |                     | 77.6                  |                                           |
|                 | 2083.4       | 578.7 | 6.07            |                      | 44.4               |                     | 77.6                  |                                           |
|                 | 2232.2       | 620.1 | 5.54            |                      | 41.9               |                     | 80.5                  |                                           |
|                 | 2505.1       | 695.9 | 4.32            |                      | 35.9               |                     | 82.3                  |                                           |

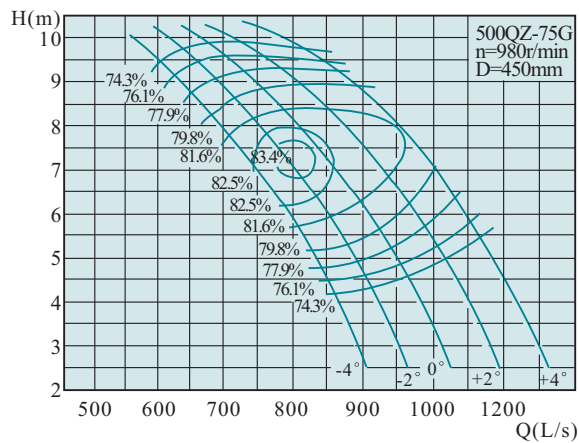


**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 Curve and specification**
**500QZ-50G**


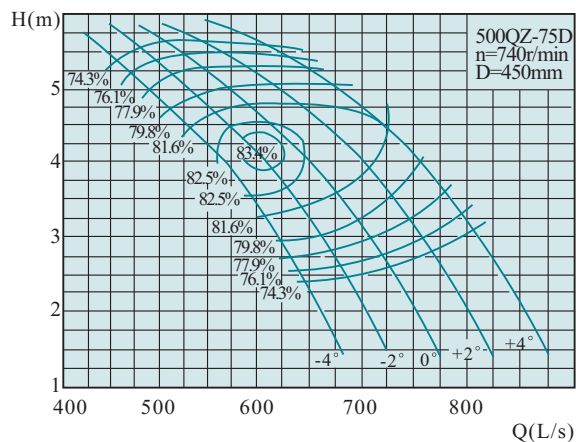
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-----------------------------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

**500QZ-50D**


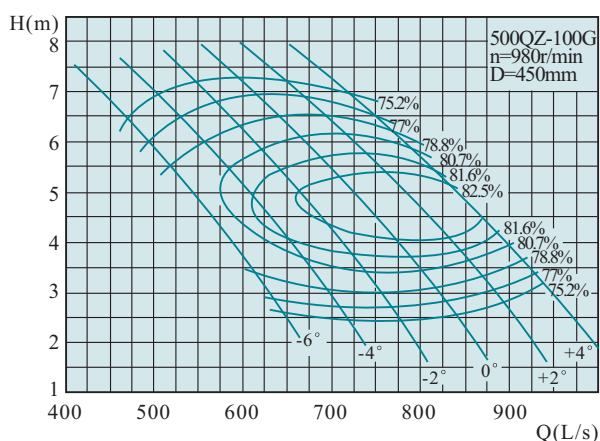
| 叶片安装角度<br>Angle | 流量Q Capacity |       | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|-------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------------------|
|                 | (m³/h)       | (L/s) |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                 |                                           |
| -4°             | 1510.9       | 419.7 | 5.46            | 740                  | 30.1               | 37                  | 74.7            | 450                                       |
|                 | 1550.2       | 430.6 | 5.45            |                      | 29.7               |                     | 77.4            |                                           |
|                 | 1760.6       | 489   | 4.21            |                      | 27                 |                     | 74.7            |                                           |
| -2°             | 1609.8       | 447.2 | 6.26            |                      | 36.8               | 45                  | 74.7            |                                           |
|                 | 1816.8       | 504.7 | 5.63            |                      | 34.5               |                     | 80.8            |                                           |
|                 | 2091.6       | 581   | 3.97            |                      | 30.3               |                     | 74.7            |                                           |
| 0°              | 1780.4       | 494.6 | 6.6             |                      | 42.9               | 55                  | 74.7            |                                           |
|                 | 2021.4       | 561.5 | 5.92            |                      | 39.6               |                     | 82.3            |                                           |
|                 | 2392.8       | 664.7 | 3.89            |                      | 33.9               |                     | 74.7            |                                           |
| +2°             | 2071.3       | 575.4 | 6.62            |                      | 50                 | 75                  | 74.7            |                                           |
|                 | 2325.3       | 645.9 | 5.86            |                      | 45.3               |                     | 82              |                                           |
|                 | 2661.3       | 739.3 | 4.21            |                      | 40.9               |                     | 74.7            |                                           |
| +4°             | 2294.4       | 637.3 | 6.53            |                      | 54.7               | 75                  | 74.7            |                                           |
|                 | 2554.7       | 709.6 | 5.73            |                      | 51.3               |                     | 77.8            |                                           |
|                 | 2766.1       | 768.4 | 5.12            |                      | 51.7               |                     | 74.7            |                                           |

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**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-75G**


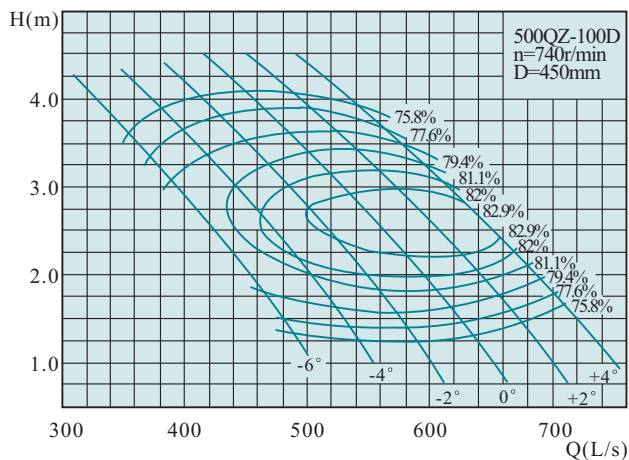
| 叶片安装角度<br>Angle | 流量Q Capacity |       | 扬程H<br>Head (m) | 速转 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|-------|-----------------|-----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)       | (L/s) |                 |                       | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -4°             | 2445         | 679.2 | 8.32            | 980                   | 69.5               | 75                  | 79.8                  | 450                                       |
|                 | 2787.1       | 774.2 | 6.52            |                       | 59.6               |                     | 83.1                  |                                           |
|                 | 2985.8       | 829.4 | 5.17            |                       | 52.7               |                     | 79.8                  |                                           |
| -2°             | 2527.5       | 702.1 | 8.63            |                       | 74.5               | 90                  | 79.8                  |                                           |
|                 | 2909.4       | 808.2 | 6.97            |                       | 66                 |                     | 83.7                  |                                           |
|                 | 3162.4       | 878.4 | 5.34            |                       | 57.7               |                     | 79.8                  |                                           |
| 0°              | 2719.3       | 755.4 | 8.85            |                       | 82.2               | 110                 | 79.8                  |                                           |
|                 | 3045.7       | 846   | 7.24            |                       | 72.5               |                     | 82.9                  |                                           |
|                 | 3318.8       | 921.9 | 5.68            |                       | 64.4               |                     | 79.8                  |                                           |
| +2°             | 2925.8       | 812.7 | 8.93            |                       | 89.3               | 110                 | 79.8                  |                                           |
|                 | 3259.2       | 905.3 | 7.39            |                       | 79.7               |                     | 82.3                  |                                           |
|                 | 3506.2       | 973.9 | 6.33            |                       | 75.8               |                     | 79.8                  |                                           |
| +4°             | 3232         | 897.8 | 8.92            |                       | 98.5               | 110                 | 79.8                  |                                           |
|                 | 3410.3       | 947.3 | 7.83            |                       | 89.1               |                     | 81.6                  |                                           |
|                 | 3592.5       | 997.9 | 7.04            |                       | 86.4               |                     | 79.8                  |                                           |

**500QZ-75D**


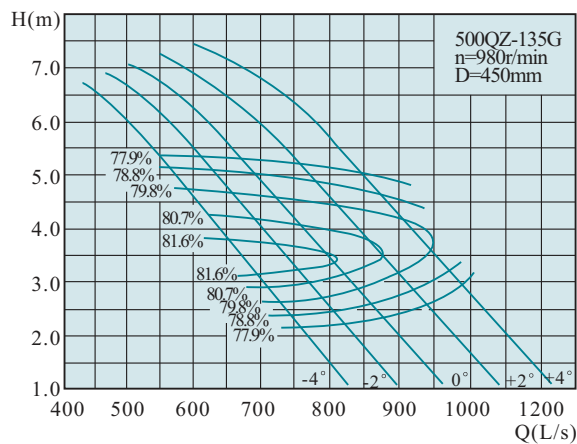
| 叶片安装角度<br>Angle | 流量Q Capacity |       | 扬程H<br>Head (m) | 速转 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|-------|-----------------|-----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)       | (L/s) |                 |                       | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -4°             | 1846.2       | 512.8 | 4.75            | 740                   | 30.4               | 37                  | 78.6                  | 450                                       |
|                 | 2104.5       | 584.6 | 3.72            |                       | 26                 |                     | 82.1                  |                                           |
|                 | 2254.6       | 626.3 | 2.95            |                       | 23                 |                     | 78.6                  |                                           |
| -2°             | 1908.5       | 530.1 | 4.92            |                       | 32.6               | 45                  | 78.6                  |                                           |
|                 | 2196.9       | 610.3 | 3.97            |                       | 28.7               |                     | 82.8                  |                                           |
|                 | 2387.9       | 663.3 | 3.05            |                       | 25.2               |                     | 78.6                  |                                           |
| 0°              | 2053.4       | 570.4 | 5.05            |                       | 35.9               | 45                  | 78.6                  |                                           |
|                 | 2299.8       | 638.8 | 4.13            |                       | 31.6               |                     | 81.9                  |                                           |
|                 | 2506         | 696.1 | 3.24            |                       | 28.2               |                     | 78.6                  |                                           |
| +2°             | 2209.2       | 613.7 | 5.09            |                       | 39                 | 55                  | 78.6                  |                                           |
|                 | 2461.1       | 683.6 | 4.21            |                       | 34.8               |                     | 81.3                  |                                           |
|                 | 2647.5       | 735.4 | 3.61            |                       | 33.1               |                     | 78.6                  |                                           |
| +4°             | 2440.5       | 677.9 | 5.09            |                       | 43                 | 55                  | 78.6                  |                                           |
|                 | 2575.1       | 715.3 | 4.47            |                       | 38.9               |                     | 80.6                  |                                           |
|                 | 2712.7       | 753.5 | 4.01            |                       | 37.8               |                     | 78.6                  |                                           |

**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**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**


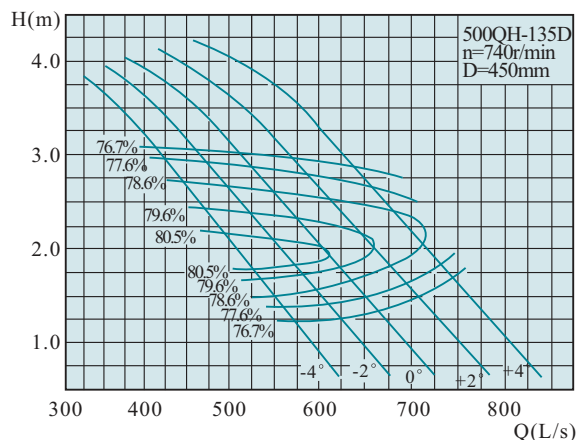
| 叶片安装角度<br>Angle | 流量Q Capacity |       | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|-------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------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

**500QZ-100D**


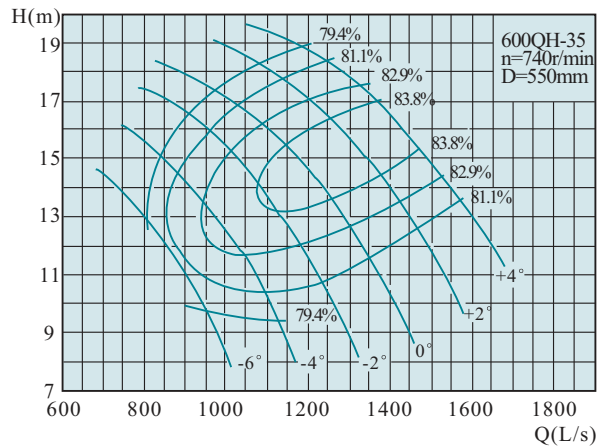
| 叶片安装角度<br>Angle | 流量Q Capacity |       | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|-------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------------------|
|                 | (m³/h)       | (L/s) |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                 |                                           |
| -6°             | 1423         | 395.3 | 3.08            | 740                  | 15.4               | 18.5                | 77.6            | 450                                       |
|                 | 1550.2       | 430.6 | 2.36            |                      | 12.5               |                     | 79.6            |                                           |
|                 | 1670.5       | 464   | 1.9             |                      | 11.2               |                     | 77.6            |                                           |
| -4°             | 1510.7       | 419.6 | 3.42            |                      | 18.1               | 22                  | 77.6            |                                           |
|                 | 1736.2       | 482.3 | 2.4             |                      | 14.1               |                     | 80.6            |                                           |
|                 | 1896         | 526.7 | 1.71            |                      | 11.3               |                     | 77.6            |                                           |
| -2°             | 1617         | 449.2 | 3.58            |                      | 20.3               | 30                  | 77.6            |                                           |
|                 | 1891.2       | 525.3 | 2.46            |                      | 15.6               |                     | 81.2            |                                           |
|                 | 2063.8       | 573.3 | 1.72            |                      | 12.5               |                     | 77.6            |                                           |
| 0°              | 1732.5       | 481.2 | 3.66            |                      | 22.3               | 45                  | 77.6            |                                           |
|                 | 2046.2       | 568.4 | 2.47            |                      | 16.9               |                     | 81.5            |                                           |
|                 | 2212         | 614.5 | 1.75            |                      | 13.6               |                     | 77.6            |                                           |
| +2°             | 1891.6       | 525.4 | 3.68            |                      | 24.4               | 55                  | 77.6            |                                           |
|                 | 2170.2       | 602.8 | 2.6             |                      | 18.7               |                     | 82              |                                           |
|                 | 2342.7       | 650.7 | 1.89            |                      | 15.5               |                     | 77.6            |                                           |
| +4°             | 2067.6       | 574.3 | 3.55            |                      | 25.8               | 75                  | 77.6            |                                           |
|                 | 2325.3       | 645.9 | 2.61            |                      | 20.2               |                     | 81.7            |                                           |
|                 | 2466.8       | 685.2 | 2.06            |                      | 17.9               |                     | 77.6            |                                           |

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**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-135G**


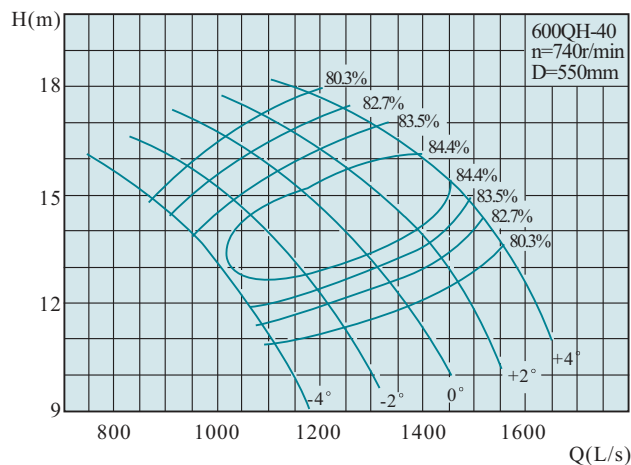
| 叶片安装角度<br>Angle | 流量Q Capacity |       | 扬程H<br>Head (m) | 速转n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|-------|-----------------|----------------------|--------------------|---------------------|-----------------------|-------------------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

**500QZ-135D**


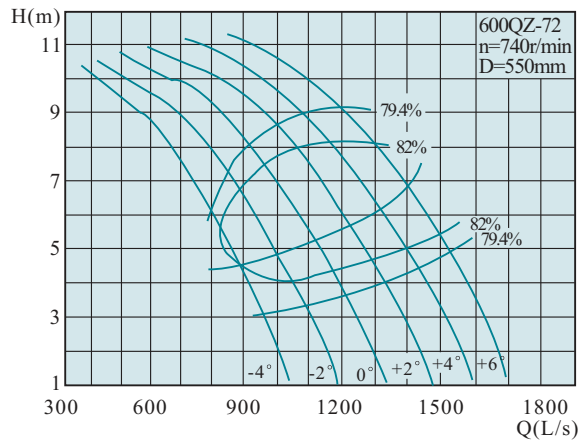
| 叶片安装角度<br>Angle | 流量Q Capacity |       | 扬程H<br>Head (m) | 速转n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|-------|-----------------|----------------------|--------------------|---------------------|-----------------------|-------------------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

**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**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**


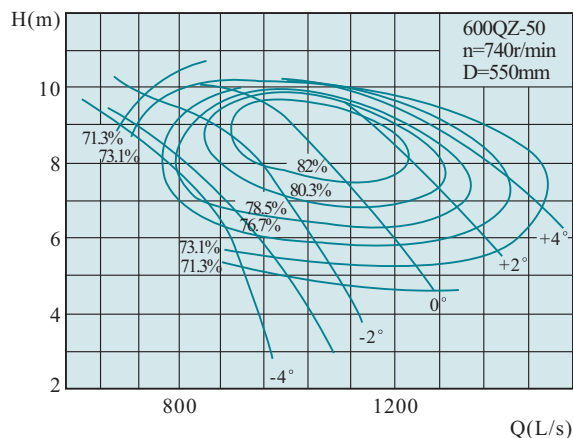
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|-----------------------|--------------------|---------------------|-----------------------|---------------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

**600QH-40**


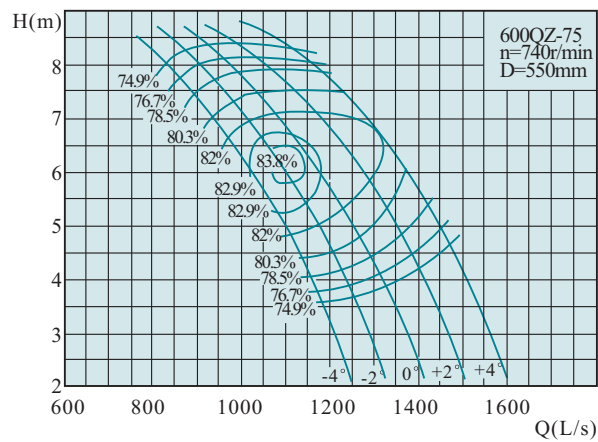
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|-----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                       | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -4°             | 3162         | 878.3  | 14.93           | 740                   | 160.3              | 185                 | 80.3                  | 550                                       |
|                 | 3679.4       | 1022   | 11.95           |                       | 143.5              |                     | 83.5                  |                                           |
|                 | 4012.2       | 1114.5 | 10.89           |                       | 148.4              |                     | 80.3                  |                                           |
| -2°             | 3395.9       | 943.3  | 15.83           |                       | 182.5              | 200                 | 80.3                  |                                           |
|                 | 4075.6       | 1132.1 | 12.96           |                       | 171.6              |                     | 83.8                  |                                           |
|                 | 4497.9       | 1249.4 | 11.39           |                       | 173.9              |                     | 80.3                  |                                           |
| 0°              | 3675         | 1020.8 | 16.67           |                       | 208                | 250                 | 80.3                  |                                           |
|                 | 4415.2       | 1226.5 | 14.09           |                       | 201.6              |                     | 84.1                  |                                           |
|                 | 4945.5       | 1373.8 | 11.98           |                       | 201.1              |                     | 80.3                  |                                           |
| +2°             | 3909.1       | 1085.9 | 17.26           |                       | 229.1              |                     | 80.3                  |                                           |
|                 | 4754.9       | 1320.8 | 15.06           |                       | 230.2              |                     | 84.7                  |                                           |
|                 | 5293.7       | 1470.5 | 12.62           |                       | 226.9              |                     | 80.3                  |                                           |
| +4°             | 4252.4       | 1181.2 | 17.85           |                       | 257.7              | 280                 | 80.3                  |                                           |
|                 | 5094.5       | 1415.1 | 15.93           |                       | 262.4              |                     | 84.3                  |                                           |
|                 | 5614.8       | 1559.7 | 13.65           |                       | 260.2              |                     | 80.3                  |                                           |

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**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-72**


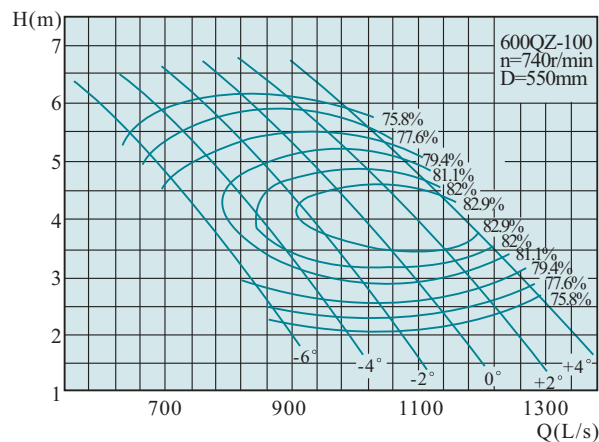
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 速转n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -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                    |                                           |
| -2°             | 3373.7       | 937.1  | 3.41            |                      | 39.6               |                     | 79.4                  |                                           |
|                 | 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                  |                                           |
| 0°              | 3724.7       | 1034.6 | 4.0             |                      | 49.8               |                     | 82                    |                                           |
|                 | 3860.5       | 1072.4 | 3.24            |                      | 42.9               |                     | 79.4                  |                                           |
|                 | 3203.9       | 890    | 8.23            |                      | 90.5               | 110                 | 79.4                  |                                           |
|                 | 3464.3       | 962.3  | 7.3             |                      | 84                 |                     | 82                    |                                           |
| +2°             | 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                  |                                           |
|                 | 3486.9       | 968.6  | 8.76            |                      | 104.9              | 132                 | 79.4                  |                                           |
| +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                  |                                           |
| +6°             | 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                  |                                           |
|                 | 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<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 速转n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -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              | 160                 | 76.7                  |                                           |
|                 | 4664.3       | 1295.6 | 8.56            |                      | 136.8              |                     | 79.5                  |                                           |
|                 | 5050.4       | 1402.9 | 7.65            |                      | 137.4              |                     | 76.7                  |                                           |

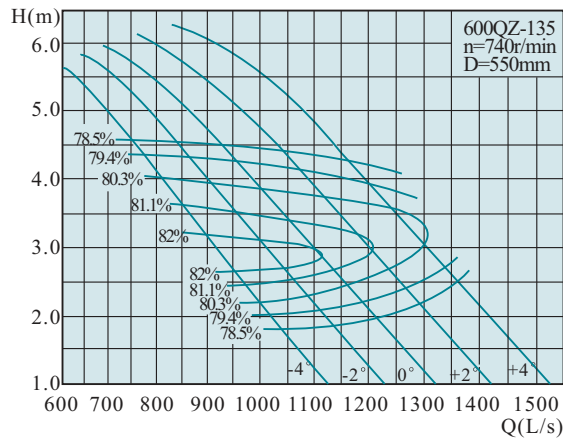
**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 Curve and specification**
**600QZ-75**


| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                 |                                           |
| -4°             | 3370.8       | 936.3  | 7.09            | 740                  | 81.2               | 90                  | 80.3            | 550                                       |
|                 | 3842.4       | 1067.3 | 5.55            |                      | 69.6               |                     | 83.5            |                                           |
|                 | 4116.4       | 1143.4 | 4.4             |                      | 61.5               |                     | 80.3            |                                           |
| -2°             | 3484.5       | 967.9  | 7.35            |                      | 87                 | 110                 | 80.3            |                                           |
|                 | 4011.1       | 1114.2 | 5.94            |                      | 77.1               |                     | 84.1            |                                           |
|                 | 4359.9       | 1211.1 | 4.55            |                      | 67.4               |                     | 80.3            |                                           |
| 0°              | 3749         | 1041.4 | 7.54            |                      | 96                 | 132                 | 80.3            |                                           |
|                 | 4199         | 1166.4 | 6.16            |                      | 84.7               |                     | 83.3            |                                           |
|                 | 4575.4       | 1271   | 4.84            |                      | 75.2               |                     | 80.3            |                                           |
| +2°             | 4033.6       | 1120.4 | 7.61            |                      | 104.2              | 132                 | 80.3            |                                           |
|                 | 4493.4       | 1248.2 | 6.29            |                      | 93.1               |                     | 82.7            |                                           |
|                 | 4833.8       | 1342.7 | 5.39            |                      | 88.5               |                     | 80.3            |                                           |
| +4°             | 4455.8       | 1237.7 | 7.6             |                      | 115                | 132                 | 80.3            |                                           |
|                 | 4701.7       | 1306   | 6.67            |                      | 104.1              |                     | 82.1            |                                           |
|                 | 4952.8       | 1375.8 | 6               |                      | 100.8              |                     | 80.3            |                                           |

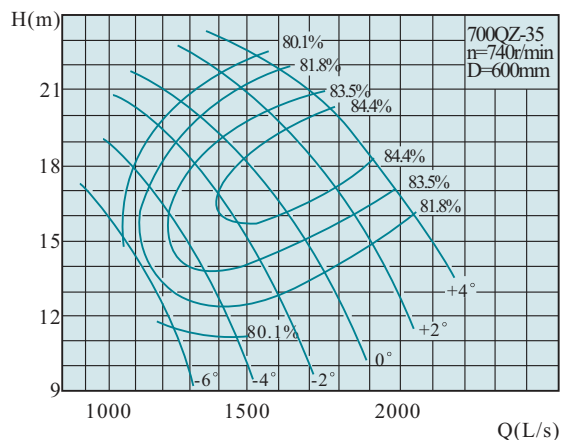
**600QZ-100**


| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                 |                                           |
| -6°             | 2598.1       | 721.7  | 4.6             | 740                  | 41.1               | 45                  | 79.4            | 550                                       |
|                 | 2830.3       | 786.2  | 3.53            |                      | 33.5               |                     | 81.1            |                                           |
|                 | 3049.9       | 847.2  | 2.85            |                      | 29.8               |                     | 79.4            |                                           |
| -4°             | 2758.2       | 766.2  | 5.1             |                      | 48.3               | 55                  | 79.4            |                                           |
|                 | 3169.9       | 880.5  | 3.59            |                      | 37.7               |                     | 82.1            |                                           |
|                 | 3461.7       | 961.5  | 2.55            |                      | 30.3               |                     | 79.4            |                                           |
| -2°             | 2952.3       | 820.1  | 5.35            |                      | 54.2               | 75                  | 79.4            |                                           |
|                 | 3453         | 959.2  | 3.68            |                      | 41.8               |                     | 82.7            |                                           |
|                 | 3768.1       | 1046.7 | 2.57            |                      | 33.3               |                     | 79.4            |                                           |
| 0°              | 3163.1       | 878.6  | 5.47            |                      | 59.4               | 75                  | 79.4            |                                           |
|                 | 3736         | 1037.8 | 3.69            |                      | 45.2               |                     | 82.9            |                                           |
|                 | 4038.7       | 1121.9 | 2.61            |                      | 36.2               |                     | 79.4            |                                           |
| +2°             | 3453.6       | 959.3  | 5.5             |                      | 65.2               | 75                  | 79.4            |                                           |
|                 | 3962.4       | 1100.7 | 3.88            |                      | 50.2               |                     | 83.4            |                                           |
|                 | 4277.2       | 1188.1 | 2.82            |                      | 41.4               |                     | 79.4            |                                           |
| +4°             | 3774.9       | 1048.6 | 5.3             |                      | 68.8               | 75                  | 79.4            |                                           |
|                 | 4245.4       | 1179.3 | 3.9             |                      | 54.2               |                     | 83.1            |                                           |
|                 | 4503.8       | 1251   | 3.08            |                      | 47.7               |                     | 79.4            |                                           |

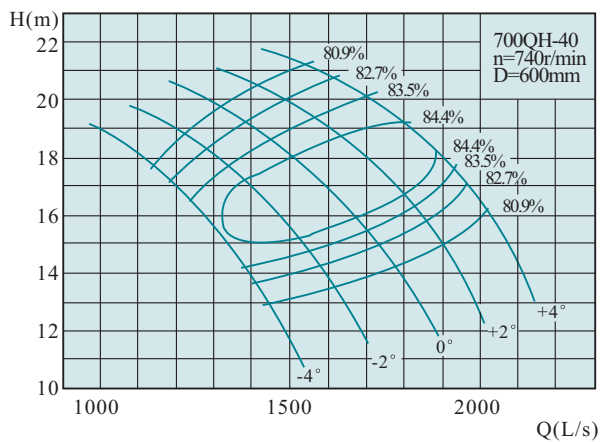


**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 Curve and specification**
**600QZ-135**


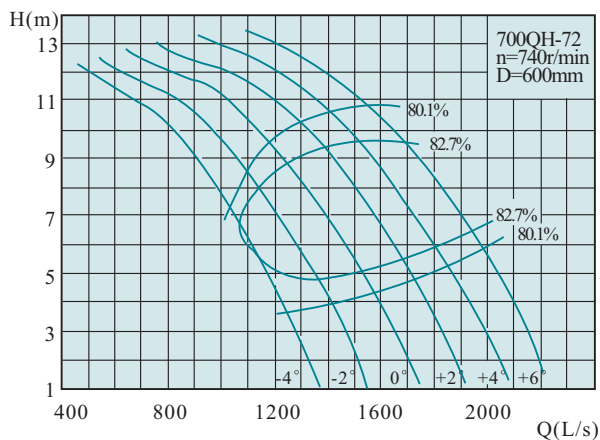
| 叶片安装角度<br>Angle | 流量 Q Capacity |        | 扬程 H<br>Head (m) | 速转 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|---------------|--------|------------------|-----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)        | (L/s)  |                  |                       | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -4°             | 2718.3        | 755.1  | 4.57             | 740                   | 43.1               | 55                  | 78.5                  | 550                                       |
|                 | 3511.8        | 975.5  | 2.52             |                       | 29.1               |                     | 82.8                  |                                           |
|                 | 3763.9        | 1045.5 | 1.81             |                       | 23.7               |                     | 78.5                  |                                           |
| -2°             | 3032.3        | 842.3  | 4.53             |                       | 47.7               | 75                  | 78.5                  |                                           |
|                 | 3775.6        | 1048.8 | 2.7              |                       | 33.6               |                     | 82.5                  |                                           |
|                 | 4088.7        | 1135.8 | 1.92             |                       | 27.2               |                     | 78.5                  |                                           |
| 0°              | 3348.1        | 930    | 4.48             |                       | 52.1               | 75                  | 78.5                  |                                           |
|                 | 4025.8        | 1118.3 | 2.85             |                       | 38                 |                     | 82.1                  |                                           |
|                 | 4372.2        | 1214.5 | 1.96             |                       | 29.8               |                     | 78.5                  |                                           |
| +2°             | 3810.5        | 1058.5 | 4.24             |                       | 56.1               | 75                  | 78.5                  |                                           |
|                 | 4337.1        | 1204.8 | 2.95             |                       | 42.8               |                     | 81.4                  |                                           |
|                 | 4669.6        | 1297.1 | 2.16             |                       | 35.1               |                     | 78.5                  |                                           |
| +4°             | 4196.4        | 1165.7 | 4.26             |                       | 62.1               | 75                  | 78.5                  |                                           |
|                 | 4642.8        | 1289.7 | 3.11             |                       | 48.7               |                     | 80.7                  |                                           |
|                 | 4917.1        | 1365.9 | 2.49             |                       | 42.6               |                     | 78.5                  |                                           |

**700QH-35**


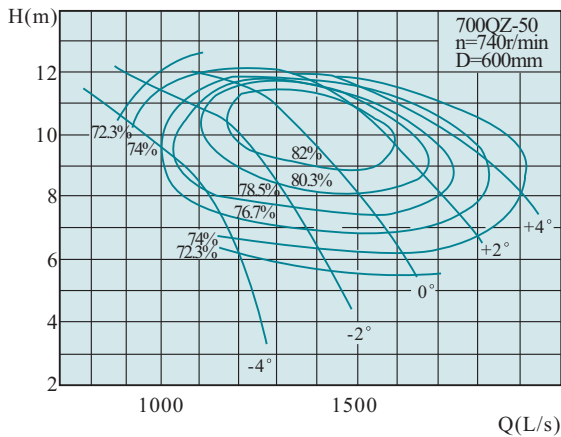
| 叶片安装角度<br>Angle | 流量 Q Capacity |        | 扬程 H<br>Head (m) | 速转 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|---------------|--------|------------------|-----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)        | (L/s)  |                  |                       | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -6°             | 3795          | 1054.2 | 15.26            | 740                   | 197.1              | 220                 | 80.1                  | 600                                       |
|                 | 4262.4        | 1184   | 13.13            |                       | 187.6              |                     | 81.3                  |                                           |
|                 | 4490.2        | 1247.3 | 11.51            |                       | 175.9              |                     | 80.1                  |                                           |
| -4°             | 3925.8        | 1090.5 | 17.92            |                       | 239.4              | 280                 | 80.1                  |                                           |
|                 | 4776.8        | 1326.9 | 14.59            |                       | 226.9              |                     | 83.7                  |                                           |
|                 | 5126.6        | 1424.1 | 12.4             |                       | 211.7              |                     | 81.8                  |                                           |
| -2°             | 4283          | 1189.7 | 19.69            |                       | 287                | 315                 | 80.1                  |                                           |
|                 | 5291.3        | 1469.8 | 15.84            |                       | 270.1              |                     | 84.5                  |                                           |
|                 | 5771.9        | 1603.3 | 12.81            |                       | 246.4              |                     | 81.8                  |                                           |
| 0°              | 4568.1        | 1268.9 | 20.63            |                       | 320.7              | 355                 | 80.1                  |                                           |
|                 | 5732.2        | 1592.8 | 17               |                       | 313.1              |                     | 84.8                  |                                           |
|                 | 6320.1        | 1755.6 | 13.8             |                       | 290.7              |                     | 81.8                  |                                           |
| +2°             | 5069.3        | 1408.1 | 21.74            |                       | 375.2              | 450                 | 80.1                  |                                           |
|                 | 6173.1        | 1714.8 | 18.47            |                       | 364.1              |                     | 85.3                  |                                           |
|                 | 6880.1        | 1911.1 | 14.98            |                       | 343.4              |                     | 81.8                  |                                           |
| +4°             | 5513.2        | 1531.4 | 22.41            |                       | 420.5              | 450                 | 80.1                  |                                           |
|                 | 6614.1        | 1837.2 | 19.27            |                       | 409.7              |                     | 84.8                  |                                           |
|                 | 7365.1        | 2045.9 | 16.12            |                       | 395.5              |                     | 81.8                  |                                           |

**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**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**


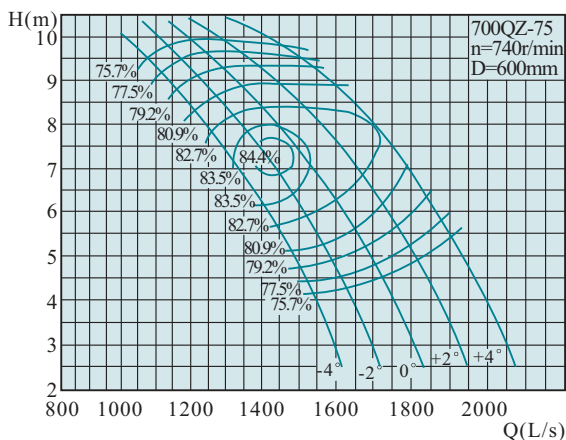
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|-----------------------|--------------------|---------------------|-----------------------|---------------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

**700QH-72**


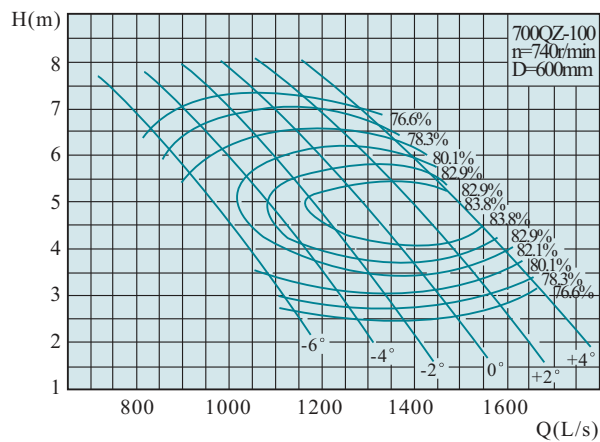
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|-----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                       | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -4°             | 3336.4       | 926.8  | 8.65            | 740                   | 98.2               | 110                 | 80.1                  | 600                                       |
|                 | 3821.5       | 1061.5 | 6.56            |                       | 82.7               |                     | 82.7                  |                                           |
|                 | 3939         | 1094.2 | 6.08            |                       | 78.9               |                     | 82.8                  |                                           |
|                 | 3953.7       | 1098.3 | 5.99            |                       | 78.1               |                     | 82.7                  |                                           |
|                 | 4380         | 1216.7 | 4.06            |                       | 60.6               |                     | 80.1                  |                                           |
| -2°             | 3659.8       | 1016.6 | 9.38            |                       | 116.8              | 132                 | 80.1                  |                                           |
|                 | 3983.1       | 1106.4 | 8.28            |                       | 108.8              |                     | 82.7                  |                                           |
|                 | 4394.7       | 1220.7 | 6.61            |                       | 94.2               |                     | 83.9                  |                                           |
|                 | 4835.6       | 1343.2 | 4.79            |                       | 76.4               |                     | 82.7                  |                                           |
|                 | 5012         | 1392.2 | 3.85            |                       | 65.8               |                     | 80.1                  |                                           |
| 0°              | 4159.5       | 1155.4 | 9.79            |                       | 138.6              | 160                 | 80.1                  |                                           |
|                 | 4497.6       | 1249.3 | 8.69            |                       | 128.8              |                     | 82.7                  |                                           |
|                 | 5056.1       | 1404.5 | 6.54            |                       | 107                |                     | 84.2                  |                                           |
|                 | 5379.4       | 1494.3 | 5.21            |                       | 92.4               |                     | 82.7                  |                                           |
|                 | 5570.5       | 1547.4 | 4.27            |                       | 81                 |                     | 80.1                  |                                           |
| +2°             | 4527         | 1257.5 | 10.43           |                       | 160.7              | 185                 | 80.1                  |                                           |
|                 | 4791.5       | 1331   | 9.69            |                       | 153                |                     | 82.7                  |                                           |
|                 | 5423.5       | 1506.5 | 7.5             |                       | 130.9              |                     | 84.7                  |                                           |
|                 | 6011.5       | 1669.8 | 5.21            |                       | 103.2              |                     | 82.7                  |                                           |
|                 | 6246.6       | 1735.2 | 4.38            |                       | 93                 |                     | 80.1                  |                                           |
| +4°             | 4938.5       | 1371.8 | 10.78           |                       | 181.3              | 200                 | 80.1                  |                                           |
|                 | 5291.3       | 1469.8 | 9.86            |                       | 171.9              |                     | 82.7                  |                                           |
|                 | 5938         | 1649.4 | 7.69            |                       | 147.7              |                     | 84.2                  |                                           |
|                 | 6467.1       | 1796.4 | 5.73            |                       | 122.2              |                     | 82.7                  |                                           |
|                 | 6761         | 1878.1 | 4.69            |                       | 107.9              |                     | 80.1                  |                                           |
| +6°             | 5438.2       | 1510.6 | 10.94           |                       | 202.5              | 220                 | 80.1                  |                                           |
|                 | 5879.2       | 1633.1 | 9.58            |                       | 185.8              |                     | 82.7                  |                                           |
|                 | 6305.4       | 1751.5 | 8.48            |                       | 173.6              |                     | 83.9                  |                                           |
|                 | 6908         | 1918.9 | 6.46            |                       | 147.1              |                     | 82.7                  |                                           |
|                 | 7055         | 1959.7 | 5.83            |                       | 140.1              |                     | 80.1                  |                                           |

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**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-50**


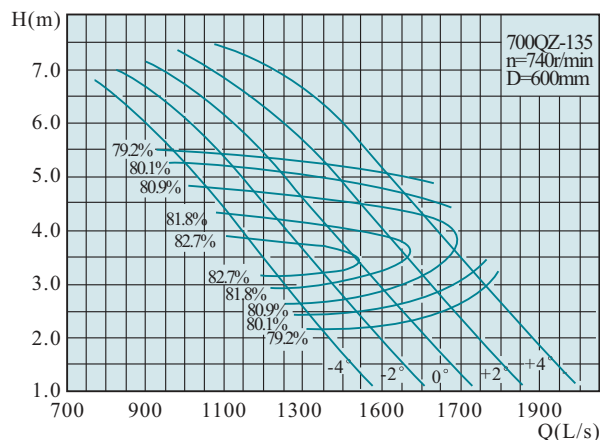
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 速转n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------------|-----------------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

**700QZ-75**


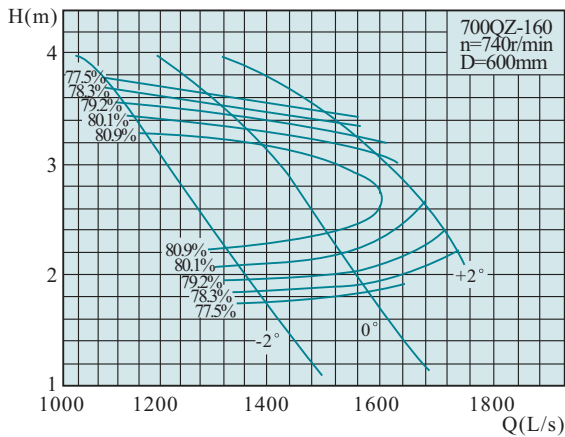
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 速转n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------------|-----------------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

**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**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**


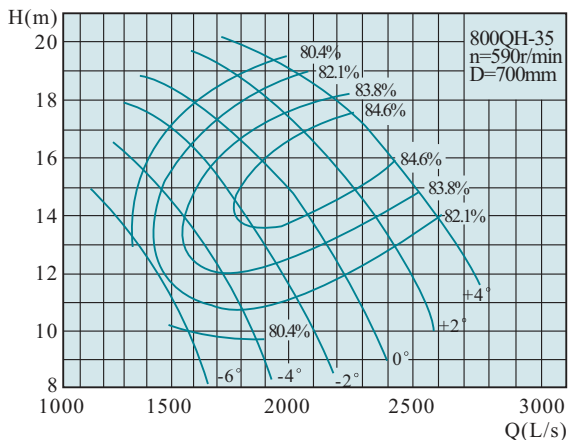
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-----------------------------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

**700QZ-135**


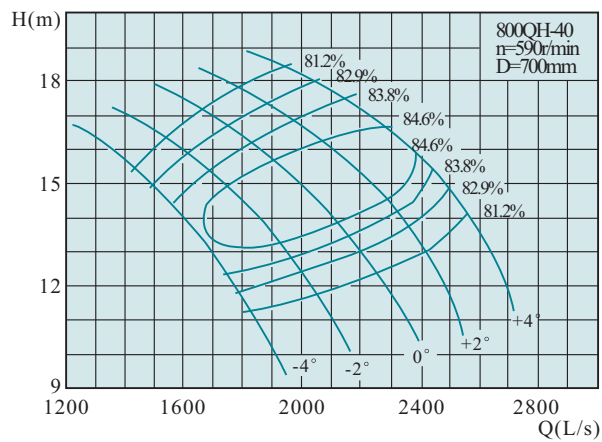
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                 |                                           |
| -4°             | 3529.1       | 980.3  | 5.44            | 740                  | 66                 | 75                  | 79.2            | 600                                       |
|                 | 4559.3       | 1266.5 | 3               |                      | 44.7               |                     | 83.4            |                                           |
|                 | 4886.6       | 1357.4 | 2.16            |                      | 36.3               |                     | 79.2            |                                           |
| -2°             | 3936.7       | 1093.5 | 5.39            |                      | 73                 | 90                  | 79.2            |                                           |
|                 | 4901.8       | 1361.6 | 3.21            |                      | 51.6               |                     | 83.1            |                                           |
|                 | 5308.3       | 1474.5 | 2.28            |                      | 41.7               |                     | 79.2            |                                           |
| 0°              | 4346.8       | 1207.4 | 5.33            |                      | 79.8               | 110                 | 79.2            |                                           |
|                 | 5226.6       | 1451.8 | 3.39            |                      | 58.3               |                     | 82.7            |                                           |
|                 | 5676.3       | 1576.8 | 2.33            |                      | 45.6               |                     | 79.2            |                                           |
| +2°             | 4947         | 1374.2 | 5.04            |                      | 85.8               | 110                 | 79.2            |                                           |
|                 | 5630.8       | 1564.1 | 3.51            |                      | 65.7               |                     | 82              |                                           |
|                 | 6062.5       | 1684   | 2.57            |                      | 53.7               |                     | 79.2            |                                           |
| +4°             | 5448.1       | 1513.4 | 5.07            |                      | 95.1               | 110                 | 79.2            |                                           |
|                 | 6027.6       | 1674.3 | 3.7             |                      | 74.7               |                     | 81.4            |                                           |
|                 | 6383.8       | 1773.3 | 2.97            |                      | 65.2               |                     | 79.2            |                                           |

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**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-160**


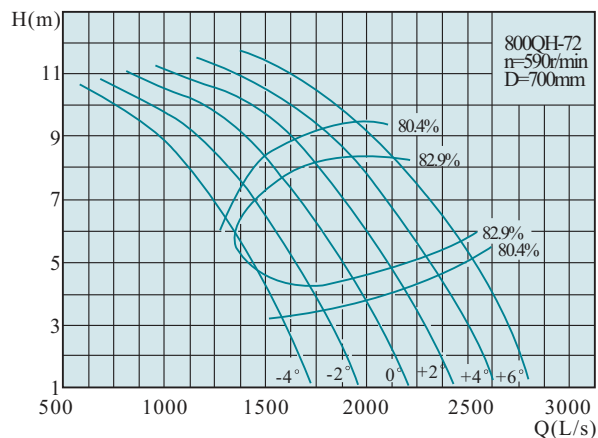
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 速转n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -2°             | 3990.2       | 1108.4 | 3.68            | 740                  | 51.1               | 55                  | 78.3                  | 600                                       |
|                 | 4556.4       | 1265.7 | 2.59            |                      | 39.2               |                     | 82.2                  |                                           |
|                 | 4977.3       | 1382.6 | 1.83            |                      | 31.8               |                     | 78.3                  |                                           |
| 0°              | 4713.3       | 1309.3 | 3.52            |                      | 57.7               | 75                  | 78.3                  |                                           |
|                 | 5291.3       | 1469.8 | 2.6             |                      | 46.2               |                     | 81.4                  |                                           |
|                 | 5625.3       | 1562.6 | 1.9             |                      | 37.1               |                     | 78.3                  |                                           |
| +2°             | 5474         | 1520.5 | 3.37            |                      | 64.1               |                     | 78.3                  |                                           |
|                 | 5908.6       | 1641.3 | 2.81            |                      | 56.6               |                     | 80.1                  |                                           |
|                 | 6233.5       | 1731.5 | 2.19            |                      | 47.4               |                     | 78.3                  |                                           |

**800QH-35**


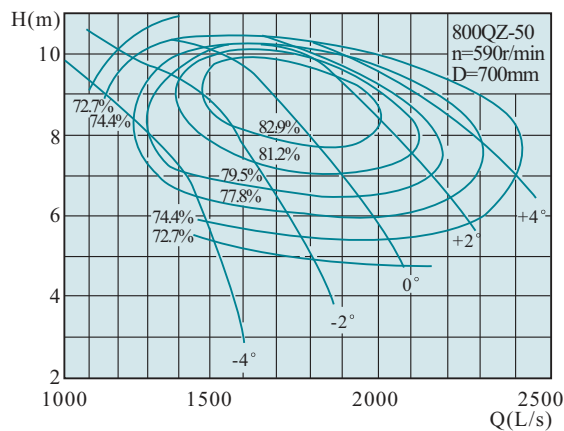
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 速转n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -6°             | 4804.8       | 1334.7 | 13.21           | 590                  | 215.1              | 250                 | 80.4                  | 700                                       |
|                 | 5396.5       | 1499   | 11.36           |                      | 204.7              |                     | 81.6                  |                                           |
|                 | 5685         | 1579.2 | 9.96            |                      | 192                |                     | 80.4                  |                                           |
| -4°             | 4970.4       | 1380.7 | 15.5            |                      | 261.2              | 280                 | 80.4                  |                                           |
|                 | 6047.8       | 1680   | 12.62           |                      | 247.8              |                     | 83.9                  |                                           |
|                 | 6490.7       | 1803   | 10.73           |                      | 231.1              |                     | 82.1                  |                                           |
| -2°             | 5422.6       | 1506.3 | 17.04           |                      | 313.2              | 355                 | 80.4                  |                                           |
|                 | 6699.1       | 1860.9 | 13.7            |                      | 295                |                     | 84.8                  |                                           |
|                 | 7307.7       | 2029.9 | 11.09           |                      | 269                |                     | 82.1                  |                                           |
| 0°              | 5783.6       | 1606.6 | 17.85           |                      | 349.9              | 400                 | 80.4                  |                                           |
|                 | 7257.4       | 2015.9 | 14.71           |                      | 342                |                     | 85.1                  |                                           |
|                 | 8001.8       | 2222.7 | 11.94           |                      | 317.3              |                     | 82.1                  |                                           |
| +2°             | 6418.2       | 1782.8 | 18.81           |                      | 409.3              | 450                 | 80.4                  |                                           |
|                 | 7815.7       | 2171   | 15.98           |                      | 397.7              |                     | 85.6                  |                                           |
|                 | 8710.7       | 2419.7 | 12.96           |                      | 374.8              |                     | 82.1                  |                                           |
| +4°             | 6980.1       | 1938.9 | 19.39           |                      | 458.8              | 500                 | 80.4                  |                                           |
|                 | 8373.9       | 2326.1 | 16.68           |                      | 447.5              |                     | 85                    |                                           |
|                 | 9324.8       | 2590.2 | 13.94           |                      | 431.7              |                     | 82.1                  |                                           |

**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**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**
**800QH-40**


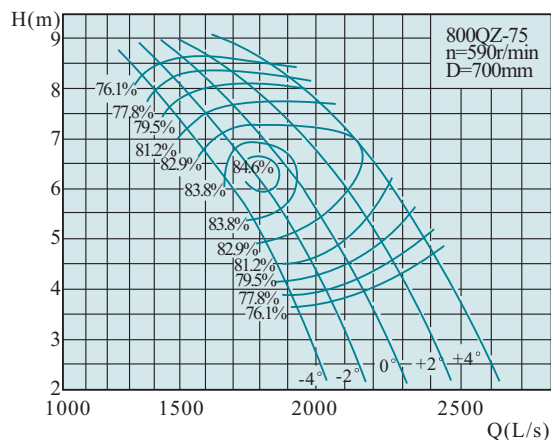
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                 |                                           |
| -4°             | 5197.4       | 1443.7 | 15.37           | 590                  | 268                | 315                 | 81.2            | 700                                       |
|                 | 6047.8       | 1680   | 12.3            |                      | 240.5              |                     | 84.3            |                                           |
|                 | 6594.9       | 1831.9 | 11.21           |                      | 248.1              |                     | 81.2            |                                           |
| -2°             | 5581.9       | 1550.5 | 16.3            |                      | 305.2              | 355                 | 81.2            |                                           |
|                 | 6699.1       | 1860.9 | 13.34           |                      | 287.7              |                     | 84.6            |                                           |
|                 | 7393.3       | 2053.7 | 11.73           |                      | 290.8              |                     | 81.2            |                                           |
| 0°              | 6040.6       | 1677.9 | 17.16           |                      | 347.8              | 400                 | 81.2            |                                           |
|                 | 7257.4       | 2015.9 | 14.51           |                      | 338                |                     | 84.9            |                                           |
|                 | 8129         | 2258.1 | 12.33           |                      | 336.3              |                     | 81.2            |                                           |
| +2°             | 6425.4       | 1784.8 | 17.78           |                      | 383.1              | 450                 | 81.2            |                                           |
|                 | 7815.7       | 2171   | 15.5            |                      | 386.2              |                     | 85.5            |                                           |
|                 | 8701.3       | 2417   | 13              |                      | 379.4              |                     | 81.2            |                                           |
| +4°             | 6989.8       | 1941.6 | 18.38           |                      | 430.9              | 500                 | 81.2            |                                           |
|                 | 8373.9       | 2326.1 | 16.41           |                      | 440                |                     | 85.1            |                                           |
|                 | 9229.2       | 2563.7 | 14.05           |                      | 435.1              |                     | 81.2            |                                           |

**800QH-72**


| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                 |                                           |
| -4°             | 4224.2       | 1173.4 | 7.48            | 590                  | 107.1              | 132                 | 80.4            | 700                                       |
|                 | 4838.3       | 1344   | 5.68            |                      | 90.3               |                     | 82.9            |                                           |
|                 | 4987.1       | 1385.3 | 5.26            |                      | 86.1               |                     | 83.1            |                                           |
|                 | 5005.8       | 1390.5 | 5.18            |                      | 85.2               |                     | 82.9            |                                           |
|                 | 5545.4       | 1540.4 | 3.52            |                      | 66.1               |                     | 80.4            |                                           |
| -2°             | 4633.6       | 1287.1 | 8.11            |                      | 127.4              | 160                 | 80.4            |                                           |
|                 | 5043         | 1400.8 | 7.17            |                      | 118.7              |                     | 82.9            |                                           |
|                 | 5564         | 1545.6 | 5.71            |                      | 102.9              |                     | 84.2            |                                           |
|                 | 6122.3       | 1700.6 | 4.15            |                      | 83.4               |                     | 82.9            |                                           |
|                 | 6345.6       | 1762.7 | 3.34            |                      | 71.7               |                     | 80.4            |                                           |
| 0°              | 5266.3       | 1462.9 | 8.47            |                      | 151.3              | 185                 | 80.4            |                                           |
|                 | 5694.3       | 1581.7 | 7.52            |                      | 140.6              |                     | 82.9            |                                           |
|                 | 6401.4       | 1778.2 | 5.66            |                      | 116.9              |                     | 84.5            |                                           |
|                 | 6810.8       | 1891.9 | 4.51            |                      | 100.9              |                     | 82.9            |                                           |
|                 | 7052.7       | 1959.1 | 3.7             |                      | 88.4               |                     | 80.4            |                                           |
| +2°             | 5731.5       | 1592.1 | 9.02            |                      | 175.3              | 200                 | 80.4            |                                           |
|                 | 6066.4       | 1685.1 | 8.38            |                      | 167.1              |                     | 82.9            |                                           |
|                 | 6866.6       | 1907.4 | 6.49            |                      | 143                |                     | 84.9            |                                           |
|                 | 7611         | 2114.2 | 4.51            |                      | 112.7              |                     | 82.9            |                                           |
|                 | 7908.7       | 2196.9 | 3.79            |                      | 101.5              |                     | 80.4            |                                           |
| +4°             | 6252.5       | 1736.8 | 9.33            |                      | 197.8              | 220                 | 80.4            |                                           |
|                 | 6699.1       | 1860.9 | 8.53            |                      | 187.7              |                     | 82.9            |                                           |
|                 | 7517.9       | 2088.3 | 6.65            |                      | 161.3              |                     | 84.5            |                                           |
|                 | 8187.8       | 2274.4 | 4.96            |                      | 133.4              |                     | 82.9            |                                           |
|                 | 8560         | 2377.8 | 4.06            |                      | 117.7              |                     | 80.4            |                                           |
| +6°             | 6885.2       | 1912.6 | 9.46            |                      | 220.9              | 250                 | 80.4            |                                           |
|                 | 7443.5       | 2067.6 | 8.29            |                      | 202.8              |                     | 82.9            |                                           |
|                 | 7983.1       | 2217.5 | 7.34            |                      | 189.6              |                     | 84.2            |                                           |
|                 | 8746.1       | 2429.5 | 5.59            |                      | 160.6              |                     | 82.9            |                                           |
|                 | 8932.2       | 2481.2 | 5.05            |                      | 152.9              |                     | 80.4            |                                           |

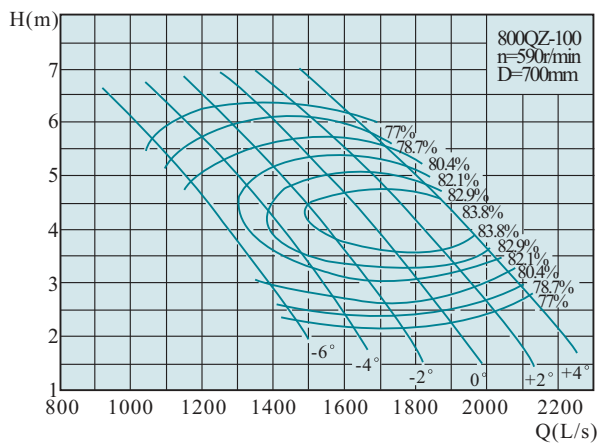
**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 Curve and specification**
**800QZ-50**


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

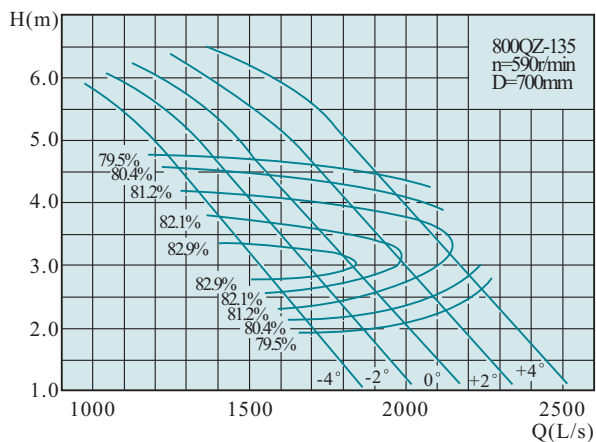
**800QZ-75**


| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 速转n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -4°             | 5540.6       | 1539   | 7.3             | 590                  | 135.7              | 160                 | 81.2                  | 700                                       |
|                 | 6315.8       | 1754.4 | 5.71            |                      | 116.7              |                     | 84.3                  |                                           |
|                 | 6766.1       | 1879.5 | 4.53            |                      | 102.9              |                     | 81.2                  |                                           |
| -2°             | 5727.6       | 1591   | 7.57            |                      | 145.5              | 185                 | 81.2                  |                                           |
|                 | 6593.1       | 1831.4 | 6.11            |                      | 129.3              |                     | 84.9                  |                                           |
|                 | 7166.4       | 1990.7 | 4.69            |                      | 112.7              |                     | 81.2                  |                                           |
| 0°              | 6162.3       | 1711.7 | 7.76            |                      | 160.4              | 220                 | 81.2                  |                                           |
|                 | 6902         | 1917.2 | 6.35            |                      | 141.9              |                     | 84.1                  |                                           |
|                 | 7520.7       | 2089.1 | 4.98            |                      | 125.8              |                     | 81.2                  |                                           |
| +2°             | 6630.1       | 1841.7 | 7.83            |                      | 174.2              | 220                 | 81.2                  |                                           |
|                 | 7385.8       | 2051.6 | 6.48            |                      | 156                |                     | 83.6                  |                                           |
|                 | 7945.4       | 2207   | 5.55            |                      | 148                |                     | 81.2                  |                                           |
| +4°             | 7324         | 2034.5 | 7.82            |                      | 192.2              | 220                 | 81.2                  |                                           |
|                 | 7728.2       | 2146.7 | 6.87            |                      | 174.3              |                     | 83                    |                                           |
|                 | 8140.9       | 2261.4 | 6.17            |                      | 168.6              |                     | 81.2                  |                                           |

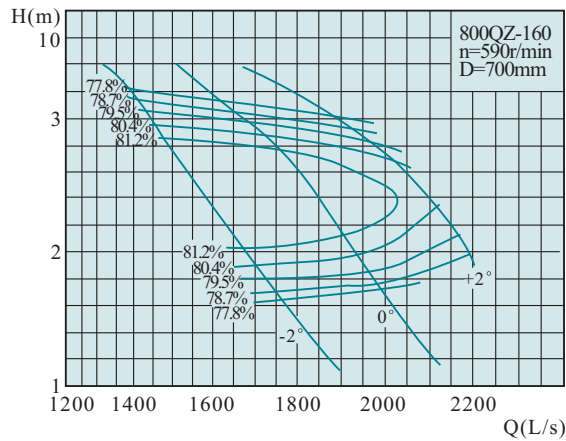


**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 Curve and specification**
**800QZ-100**


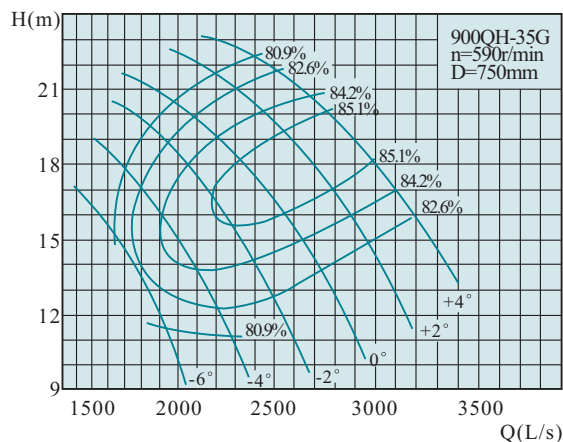
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-----------------------------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

**800QZ-135**


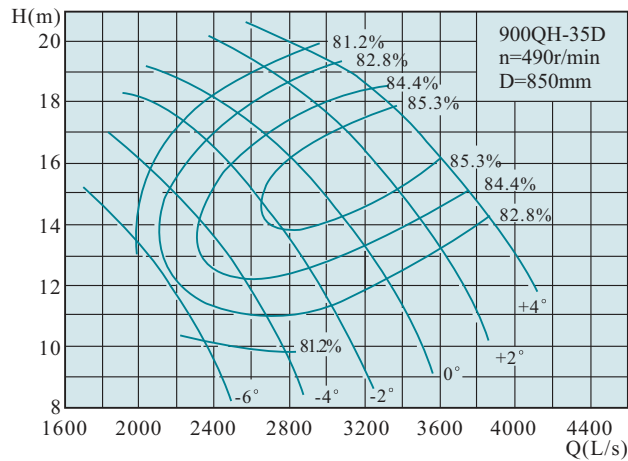
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                 |                                           |
| -4°             | 4468.1       | 1241.2 | 4.71            | 590                  | 72                 | 90                  | 79.5            | 700                                       |
|                 | 5772.4       | 1603.5 | 2.6             |                      | 48.8               |                     | 83.6            |                                           |
|                 | 6186.8       | 1718.6 | 1.87            |                      | 39.6               |                     | 79.5            |                                           |
| -2°             | 4984.2       | 1384.5 | 4.66            |                      | 79.6               | 110                 | 79.5            |                                           |
|                 | 6206         | 1723.9 | 2.78            |                      | 56.3               |                     | 83.3            |                                           |
|                 | 6720.7       | 1866.9 | 1.97            |                      | 45.5               |                     | 79.5            |                                           |
| 0°              | 5503.3       | 1528.7 | 4.62            |                      | 87                 | 132                 | 79.5            |                                           |
|                 | 6617.3       | 1838.1 | 2.93            |                      | 63.6               |                     | 83              |                                           |
|                 | 7186.7       | 1996.3 | 2.02            |                      | 49.7               |                     | 79.5            |                                           |
| +2°             | 6263.3       | 1739.8 | 4.36            |                      | 93.6               | 132                 | 79.5            |                                           |
|                 | 7129         | 1980.3 | 3.04            |                      | 71.7               |                     | 82.3            |                                           |
|                 | 7675.5       | 2132.1 | 2.23            |                      | 58.6               |                     | 79.5            |                                           |
| +4°             | 6897.7       | 1916   | 4.39            |                      | 103.8              | 132                 | 79.5            |                                           |
|                 | 7631.4       | 2119   | 3.2             |                      | 81.5               |                     | 81.7            |                                           |
|                 | 8082.3       | 2245.1 | 2.57            |                      | 71.1               |                     | 79.5            |                                           |

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**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-160**


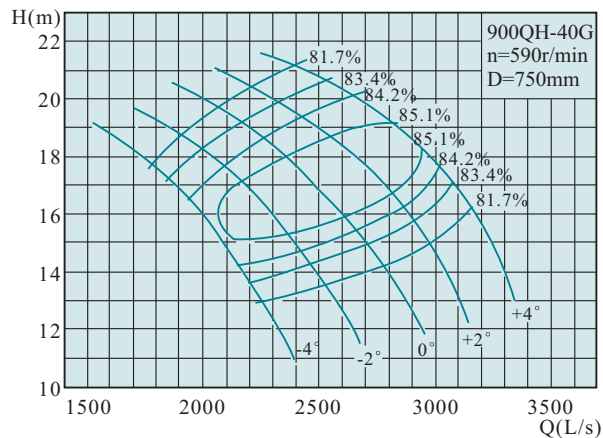
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-----------------------------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

**900QH-35G**


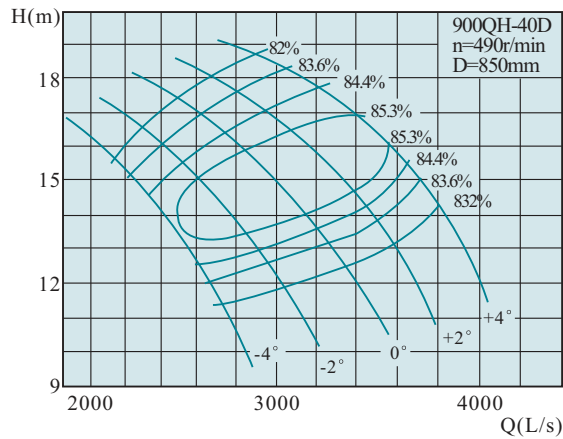
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-----------------------------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

**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**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**
**900QH-35D**


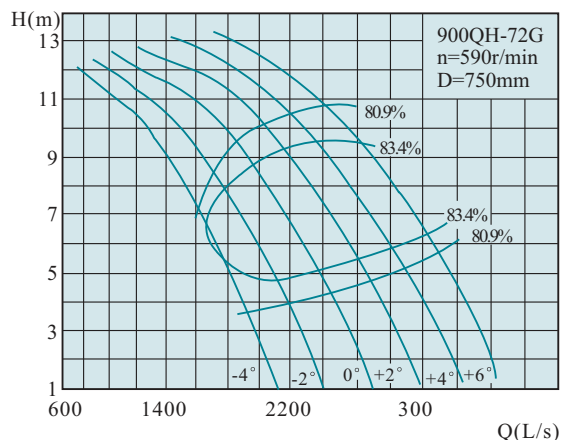
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                 |                                           |
| -6°             | 7144.6       | 1984.6 | 13.43           | 490                  | 322.2              | 355                 | 81.2            | 850                                       |
|                 | 8024.6       | 2229   | 11.55           |                      | 306.8              |                     | 82.3            |                                           |
|                 | 8453.5       | 2348.2 | 10.13           |                      | 287.5              |                     | 81.2            |                                           |
| -4°             | 7390.9       | 2053   | 15.77           |                      | 391.3              | 450                 | 81.2            |                                           |
|                 | 8993         | 2498.1 | 12.83           |                      | 371.9              |                     | 84.6            |                                           |
|                 | 9651.6       | 2681   | 10.91           |                      | 346.5              |                     | 82.8            |                                           |
| -2°             | 8063.3       | 2239.8 | 17.33           |                      | 469.1              | 560                 | 81.2            |                                           |
|                 | 9961.5       | 2767.1 | 13.93           |                      | 443                |                     | 85.4            |                                           |
|                 | 10866.4      | 3018.4 | 11.28           |                      | 403.3              |                     | 82.8            |                                           |
| 0°              | 8600.1       | 2388.9 | 18.15           |                      | 524.1              | 630                 | 81.2            |                                           |
|                 | 10791.7      | 2997.7 | 14.96           |                      | 513.7              |                     | 85.7            |                                           |
|                 | 11898.5      | 3305.1 | 12.15           |                      | 475.7              |                     | 82.8            |                                           |
| +2°             | 9543.7       | 2651   | 19.13           |                      | 613.1              | 710                 | 81.2            |                                           |
|                 | 11621.8      | 3228.3 | 16.25           |                      | 597.5              |                     | 86.2            |                                           |
|                 | 12952.8      | 3598   | 13.18           |                      | 562                |                     | 82.8            |                                           |
| +4°             | 10379.4      | 2883.2 | 19.72           |                      | 687.2              | 800                 | 81.2            |                                           |
|                 | 12451.9      | 3458.9 | 16.96           |                      | 672                |                     | 85.6            |                                           |
|                 | 13865.9      | 3851.6 | 14.18           |                      | 647.2              |                     | 82.8            |                                           |

**900QH-40G**


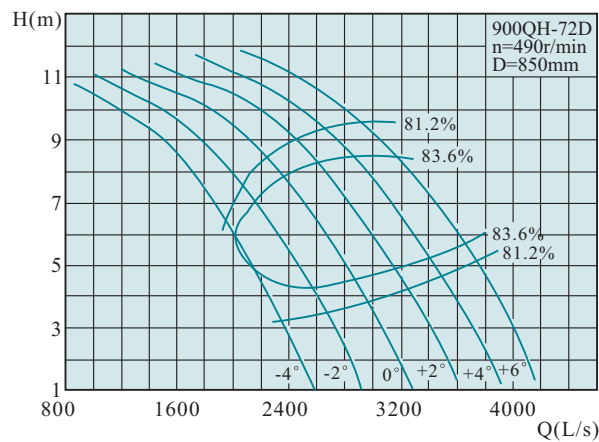
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                 |                                           |
| -4°             | 6392.6       | 1775.7 | 17.64           | 590                  | 376                | 450                 | 81.7            | 750                                       |
|                 | 7438.6       | 2066.3 | 14.12           |                      | 337.9              |                     | 84.7            |                                           |
|                 | 8111.5       | 2253.2 | 12.87           |                      | 348.1              |                     | 81.7            |                                           |
| -2°             | 6865.5       | 1907.1 | 18.71           |                      | 428.2              | 500                 | 81.7            |                                           |
|                 | 8239.7       | 2288.8 | 15.31           |                      | 404.2              |                     | 85.1            |                                           |
|                 | 9096.4       | 2525.9 | 13.46           |                      | 408.1              |                     | 81.7            |                                           |
| 0°              | 7429.7       | 2063.8 | 19.7            |                      | 488                | 560                 | 81.7            |                                           |
|                 | 8926.3       | 2479.5 | 16.66           |                      | 475                |                     | 85.3            |                                           |
|                 | 9998.4       | 2777.3 | 14.16           |                      | 471.8              |                     | 81.7            |                                           |
| +2°             | 7903         | 2195.3 | 20.41           |                      | 537.6              | 630                 | 81.7            |                                           |
|                 | 9612.9       | 2670.3 | 17.8            |                      | 542.8              |                     | 85.9            |                                           |
|                 | 10702.2      | 2972.8 | 14.92           |                      | 532.3              |                     | 81.7            |                                           |
| +4°             | 8597.2       | 2388.1 | 21.1            |                      | 604.7              | 710                 | 81.7            |                                           |
|                 | 10299.6      | 2861   | 18.83           |                      | 618.4              |                     | 85.5            |                                           |
|                 | 11351.5      | 3153.2 | 16.13           |                      | 610.4              |                     | 81.7            |                                           |

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**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**
**900QH-40D**


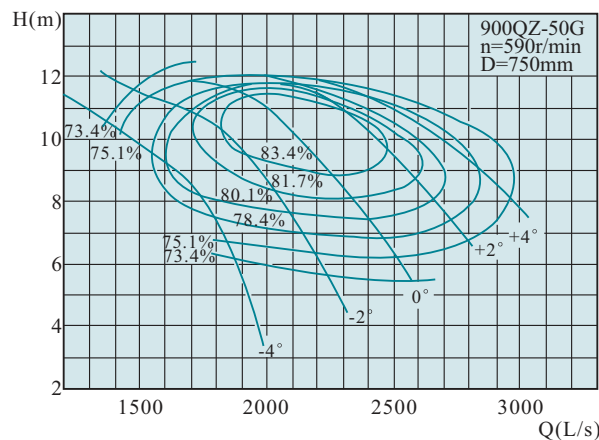
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -4°             | 7728.5       | 2146.8 | 15.63           | 490                  | 401.5              | 450                 | 82                    | 850                                       |
|                 | 8993         | 2498.1 | 12.51           |                      | 361.1              |                     | 84.9                  |                                           |
|                 | 9806.6       | 2724   | 11.4            |                      | 371.7              |                     | 82                    |                                           |
| -2°             | 8300.2       | 2305.6 | 16.57           |                      | 457.3              | 500                 | 82                    |                                           |
|                 | 9961.5       | 2767.1 | 13.57           |                      | 432                |                     | 85.3                  |                                           |
|                 | 10993.7      | 3053.8 | 11.93           |                      | 435.8              |                     | 82                    |                                           |
| 0°              | 8982.3       | 2495.1 | 17.45           |                      | 521.1              | 560                 | 82                    |                                           |
|                 | 10791.7      | 2997.7 | 14.76           |                      | 507.6              |                     | 85.5                  |                                           |
|                 | 12087.8      | 3357.7 | 12.54           |                      | 503.9              |                     | 82                    |                                           |
| +2°             | 9554.5       | 2654   | 18.08           |                      | 574.1              | 630                 | 82                    |                                           |
|                 | 11621.8      | 3228.3 | 15.77           |                      | 580.1              |                     | 86.1                  |                                           |
|                 | 12938.6      | 3594.1 | 13.22           |                      | 568.5              |                     | 82                    |                                           |
| +4°             | 10393.8      | 2887.2 | 18.69           |                      | 645.8              | 710                 | 82                    |                                           |
|                 | 12451.9      | 3458.9 | 16.68           |                      | 660.9              |                     | 85.7                  |                                           |
|                 | 13723.7      | 3812.1 | 14.29           |                      | 652                |                     | 82                    |                                           |

**900QH-72G**


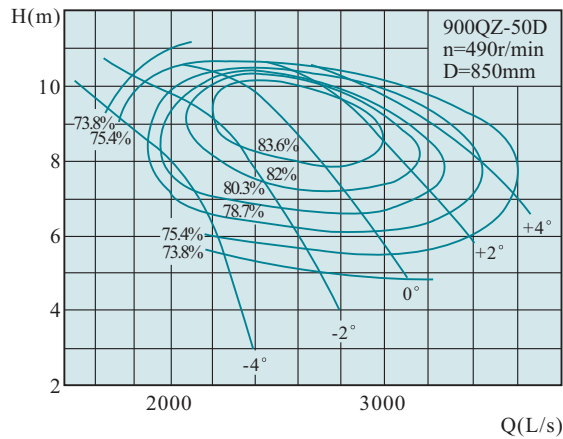
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -4°             | 5195.6       | 1443.2 | 8.59            | 590                  | 150.3              | 185                 | 80.9                  | 750                                       |
|                 | 5950.9       | 1653   | 6.52            |                      | 126.7              |                     | 83.4                  |                                           |
|                 | 6134         | 1703.9 | 6.04            |                      | 120.9              |                     | 83.5                  |                                           |
|                 | 6156.9       | 1710.2 | 5.95            |                      | 119.7              |                     | 83.4                  |                                           |
|                 | 6820.6       | 1894.6 | 4.04            |                      | 92.7               |                     | 80.9                  |                                           |
| -2°             | 5699.1       | 1583.1 | 9.31            |                      | 178.7              | 200                 | 80.9                  |                                           |
|                 | 6202.6       | 1723   | 8.23            |                      | 166.7              |                     | 83.4                  |                                           |
|                 | 6843.5       | 1901   | 6.56            |                      | 144.6              |                     | 84.6                  |                                           |
|                 | 7530.1       | 2091.7 | 4.76            |                      | 117.1              |                     | 83.4                  |                                           |
|                 | 7804.8       | 2168   | 3.83            |                      | 100.6              |                     | 80.9                  |                                           |
| 0°              | 6477.3       | 1799.2 | 9.73            |                      | 212.2              | 250                 | 80.9                  |                                           |
|                 | 7003.7       | 1945.5 | 8.65            |                      | 197.5              |                     | 83.4                  |                                           |
|                 | 7873.4       | 2187.1 | 6.5             |                      | 164.2              |                     | 84.9                  |                                           |
|                 | 8377         | 2326.9 | 5.17            |                      | 141.6              |                     | 83.4                  |                                           |
|                 | 8674.5       | 2409.6 | 4.24            |                      | 123.9              |                     | 80.9                  |                                           |
| +2°             | 7049.5       | 1958.2 | 10.36           |                      | 245.9              | 280                 | 80.9                  |                                           |
|                 | 7461.5       | 2072.6 | 9.62            |                      | 234.6              |                     | 83.4                  |                                           |
|                 | 8445.6       | 2346   | 7.45            |                      | 201                |                     | 85.3                  |                                           |
|                 | 9361.2       | 2600.3 | 5.17            |                      | 158.2              |                     | 83.4                  |                                           |
|                 | 9727.4       | 2702   | 4.35            |                      | 142.4              |                     | 80.9                  |                                           |
| +4°             | 7690.3       | 2136.2 | 10.71           |                      | 277.4              | 315                 | 80.9                  |                                           |
|                 | 8239.7       | 2288.8 | 9.79            |                      | 263.5              |                     | 83.4                  |                                           |
|                 | 9246.7       | 2568.5 | 7.64            |                      | 226.6              |                     | 84.9                  |                                           |
|                 | 10070.7      | 2797.4 | 5.69            |                      | 187.3              |                     | 83.4                  |                                           |
|                 | 10528.4      | 2924.6 | 4.66            |                      | 165.1              |                     | 80.9                  |                                           |
| +6°             | 8468.5       | 2352.4 | 10.87           |                      | 309.9              | 355                 | 80.9                  |                                           |
|                 | 9155.2       | 2543.1 | 9.52            |                      | 284.8              |                     | 83.4                  |                                           |
|                 | 9818.9       | 2727.5 | 8.42            |                      | 266.4              |                     | 84.6                  |                                           |
|                 | 10757.3      | 2988.1 | 6.42            |                      | 225.5              |                     | 83.4                  |                                           |
|                 | 10986.2      | 3051.7 | 5.79            |                      | 214.4              |                     | 80.9                  |                                           |

**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**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**
**900QH-72D**


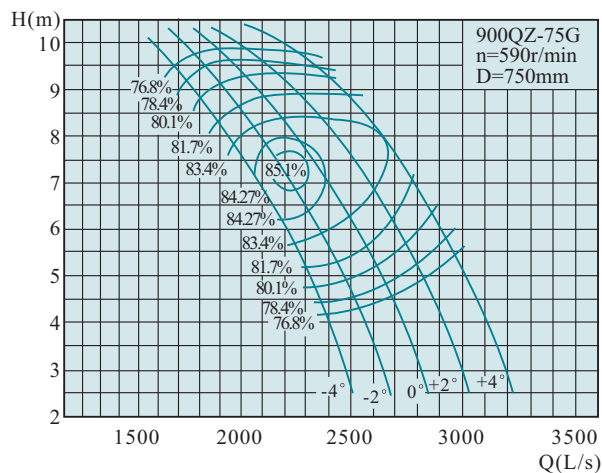
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                 |                                           |
| -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            |                                           |
| -2°             | 8245.9       | 2290.5 | 3.58            |                      | 99                 | 220                 | 81.2            |                                           |
|                 | 6890.1       | 1913.9 | 8.25            |                      | 190.9              |                     | 81.2            |                                           |
|                 | 7498.8       | 2083   | 7.29            |                      | 178.1              |                     | 83.6            |                                           |
|                 | 8273.6       | 2298.2 | 5.81            |                      | 154.5              |                     | 84.8            |                                           |
| 0°              | 9103.7       | 2528.8 | 4.22            |                      | 125.1              | 250                 | 83.6            |                                           |
|                 | 9435.8       | 2621.1 | 3.39            |                      | 107.5              |                     | 81.2            |                                           |
|                 | 7830.9       | 2175.2 | 8.62            |                      | 226.6              |                     | 81.2            |                                           |
|                 | 8467.3       | 2352   | 7.65            |                      | 211                |                     | 83.6            |                                           |
| +2°             | 9518.8       | 2644.1 | 5.76            |                      | 175.5              | 315                 | 85.1            |                                           |
|                 | 10127.6      | 2813.2 | 4.58            |                      | 151.3              |                     | 83.6            |                                           |
|                 | 10487.6      | 2913.1 | 3.76            |                      | 132.3              |                     | 81.2            |                                           |
|                 | 8522.6       | 2367.4 | 9.18            |                      | 262.6              | 355                 | 81.2            |                                           |
| +4°             | 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            |                                           |
| +6°             | 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            |                                           |
| +6°             | 12728.6      | 3535.7 | 4.13            |                      | 176.3              | 355                 | 81.2            |                                           |
|                 | 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            |                                           |
| +6°             | 13005.3      | 3612.6 | 5.68            |                      | 240.9              |                     | 83.6            |                                           |
|                 | 13282        | 3689.5 | 5.13            |                      | 228.9              |                     | 81.2            |                                           |

**900QZ-50G**


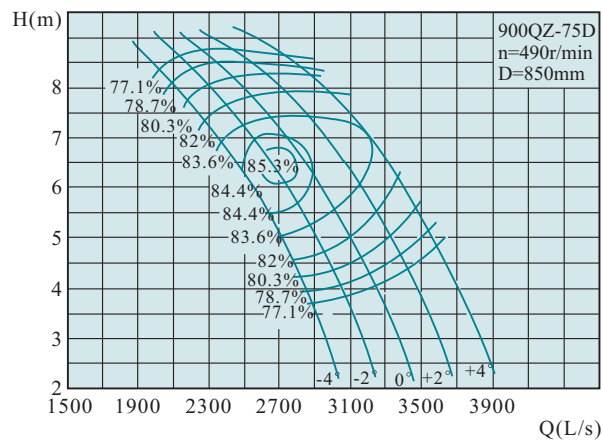
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                 |                                           |
| -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            |                                           |
| +4°             | 8469         | 2352.5 | 11.54           |                      | 339.5              | 400                 | 78.4            |                                           |
|                 | 9429.8       | 2619.4 | 10.12           |                      | 320.7              |                     | 81.1            |                                           |
|                 | 10210.3      | 2836.2 | 9.04            |                      | 320.8              |                     | 78.4            |                                           |

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**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-50D**


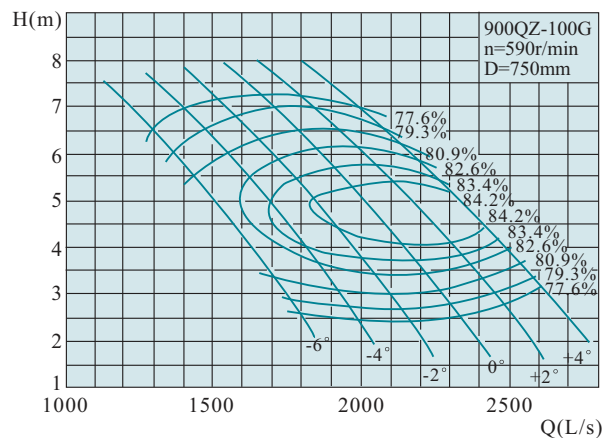
| 叶片安装角度<br>Angle | 流量Q Capacity                 |                            | 扬程H<br>Head (m)       | 速转n<br>Speed (r/min) | 功率 Power(kw)            |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|------------------------------|----------------------------|-----------------------|------------------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

**900QZ-75G**


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

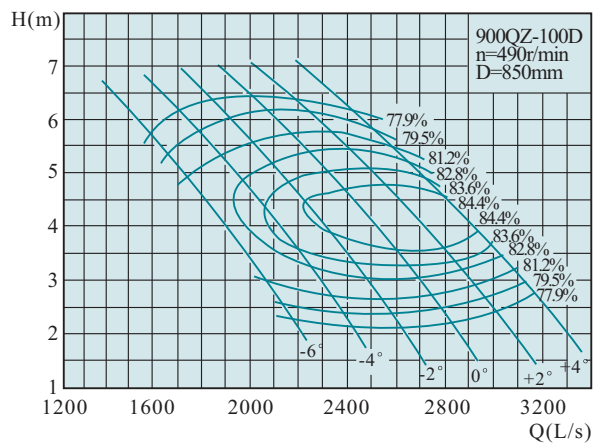
**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 Curve and specification**
**900QZ-75D**


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

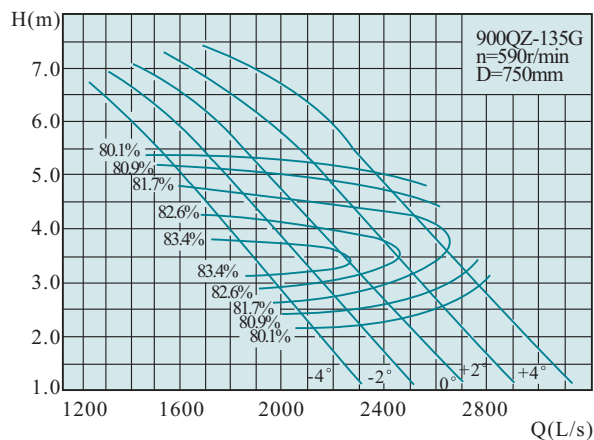
**900QZ-100G**


| 叶片安装角度<br>Angle | 流量Q Capacity               |                            | 扬程H<br>Head (m)      | 转速n<br>Speed (r/min) | 功率Power(kw)             |                     | 效率η<br>Eff. (%)      | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|----------------------------|----------------------------|----------------------|----------------------|-------------------------|---------------------|----------------------|-------------------------------------------|
|                 | (m³/h)                     | (L/s)                      |                      |                      | 轴功率<br>Shaft power      | 电机功率<br>Motor power |                      |                                           |
| -6°             | 5252.6<br>5722<br>6166     | 1459<br>1589.4<br>1712.8   | 5.44<br>4.17<br>3.36 | 590                  | 96.3<br>78.7<br>69.8    | 110                 | 80.9<br>82.6<br>80.9 | 750                                       |
| -4°             | 5576.2<br>6408.6<br>6998.4 | 1548.9<br>1780.2<br>1944   | 6.03<br>4.24<br>3.01 |                      | 113.3<br>88.7<br>71     |                     | 80.9<br>83.5<br>80.9 |                                           |
| -2°             | 5968.7<br>6980.8<br>7618   | 1658<br>1939.1<br>2116.1   | 6.32<br>4.35<br>3.04 |                      | 127.1<br>98.4<br>78     | 160                 | 80.9<br>84<br>80.9   |                                           |
| 0°              | 6394.9<br>7553<br>8165     | 1776.4<br>2098.1<br>2268.1 | 6.47<br>4.36<br>3.08 |                      | 139.3<br>106.4<br>84.8  |                     | 80.9<br>84.2<br>80.9 |                                           |
| +2°             | 6982.2<br>8010.8<br>8647.3 | 1939.5<br>2225.2<br>2402   | 6.5<br>4.58<br>3.33  |                      | 152.8<br>118.2<br>97    | 185                 | 80.9<br>84.7<br>80.9 |                                           |
| +4°             | 7631.8<br>8583<br>9105.3   | 2119.9<br>2384.2<br>2529.2 | 6.27<br>4.6<br>3.64  |                      | 161.2<br>127.6<br>111.7 |                     | 80.9<br>84.4<br>80.9 |                                           |

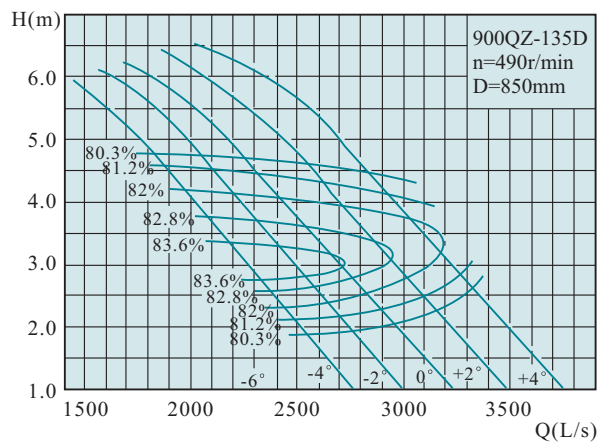


**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 Curve and specification**
**900QZ-100D**


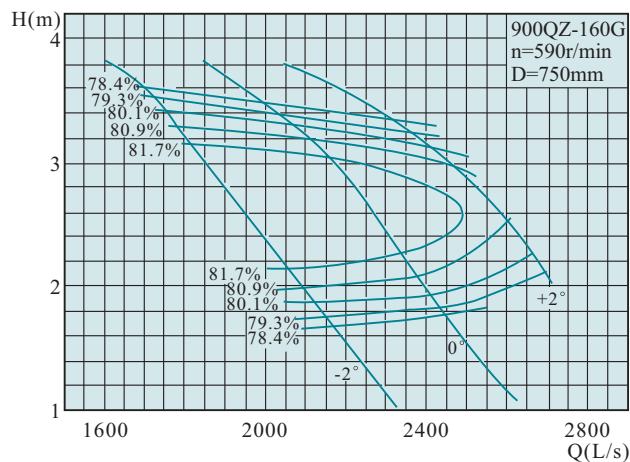
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -6°             | 6350.2       | 1763.9 | 4.82            | 490                  | 102.8              | 132                 | 81.2                  | 850                                       |
|                 | 6917.7       | 1921.6 | 3.69            |                      | 84.1               |                     | 82.8                  |                                           |
|                 | 7454.5       | 2070.7 | 2.98            |                      | 74.6               |                     | 81.2                  |                                           |
| -4°             | 6741.5       | 1872.6 | 5.34            |                      | 121                | 160                 | 81.2                  |                                           |
|                 | 7747.9       | 2152.2 | 3.76            |                      | 94.8               |                     | 83.7                  |                                           |
|                 | 8460.9       | 2350.3 | 2.67            |                      | 75.8               |                     | 81.2                  |                                           |
| -2°             | 7216         | 2004.5 | 5.6             |                      | 135.7              | 185                 | 81.2                  |                                           |
|                 | 8439.6       | 2344.3 | 3.85            |                      | 105.2              |                     | 84.2                  |                                           |
|                 | 9210         | 2558.3 | 2.7             |                      | 83.3               |                     | 81.2                  |                                           |
| 0°              | 7731.3       | 2147.6 | 5.73            |                      | 148.7              | 185                 | 81.2                  |                                           |
|                 | 9131.4       | 2536.5 | 3.86            |                      | 113.7              |                     | 84.4                  |                                           |
|                 | 9871.3       | 2742   | 2.73            |                      | 90.5               |                     | 81.2                  |                                           |
| +2°             | 8441.3       | 2344.8 | 5.76            |                      | 163.2              | 185                 | 81.2                  |                                           |
|                 | 9684.8       | 2690.2 | 4.06            |                      | 126.3              |                     | 84.8                  |                                           |
|                 | 10454.3      | 2904   | 2.95            |                      | 103.6              |                     | 81.2                  |                                           |
| +4°             | 9226.6       | 2562.9 | 5.56            |                      | 172.1              | 185                 | 81.2                  |                                           |
|                 | 10376.6      | 2882.4 | 4.08            |                      | 136.3              |                     | 84.6                  |                                           |
|                 | 11008        | 3057.8 | 3.23            |                      | 119.3              |                     | 81.2                  |                                           |

**900QZ-135G**


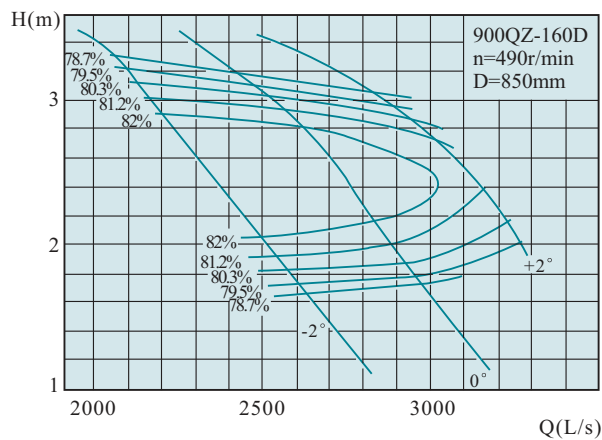
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -4°             | 5495.6       | 1526.6 | 5.4             | 590                  | 101                | 110                 | 80.1                  | 750                                       |
|                 | 7099.8       | 1972.2 | 2.98            |                      | 68.6               |                     | 84.1                  |                                           |
|                 | 7609.5       | 2113.8 | 2.14            |                      | 55.5               |                     | 80.1                  |                                           |
| -2°             | 6130.3       | 1702.9 | 5.35            |                      | 111.6              | 132                 | 80.1                  |                                           |
|                 | 7633.1       | 2120.3 | 3.19            |                      | 79.1               |                     | 83.8                  |                                           |
|                 | 8266.2       | 2296.2 | 2.27            |                      | 63.7               |                     | 80.1                  |                                           |
| 0°              | 6768.9       | 1880.2 | 5.3             |                      | 122                | 160                 | 80.1                  |                                           |
|                 | 8138.9       | 2260.8 | 3.36            |                      | 89.3               |                     | 83.5                  |                                           |
|                 | 8839.3       | 2455.4 | 2.32            |                      | 69.7               |                     | 80.1                  |                                           |
| +2°             | 7703.6       | 2139.9 | 5.01            |                      | 131.3              | 160                 | 80.1                  |                                           |
|                 | 8768.4       | 2435.7 | 3.49            |                      | 100.6              |                     | 82.8                  |                                           |
|                 | 9440.6       | 2622.4 | 2.56            |                      | 82.1               |                     | 80.1                  |                                           |
| +4°             | 8483.9       | 2356.6 | 5.04            |                      | 145.5              | 160                 | 80.1                  |                                           |
|                 | 9386.3       | 2607.3 | 3.67            |                      | 114.4              |                     | 82.2                  |                                           |
|                 | 9940.9       | 2761.4 | 2.95            |                      | 99.8               |                     | 80.1                  |                                           |

**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**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**


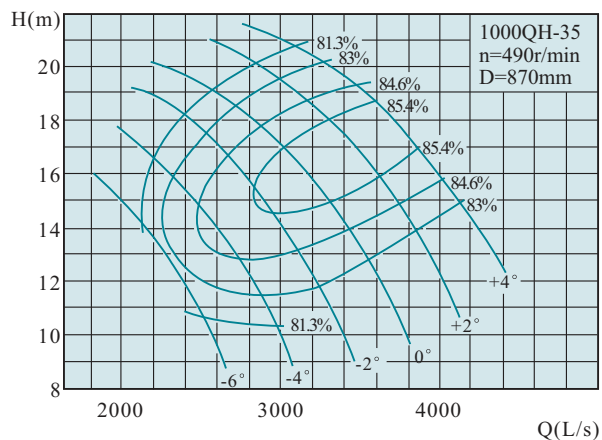
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 速转n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-----------------------------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

**900QZ-160G**


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

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**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-160D**


| 叶片安装角度<br>Angle | 流量Q Capacity                  |                            | 扬程H<br>Head (m)      | 转速n<br>Speed (r/min) | 功率Power(kw)           |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|-------------------------------|----------------------------|----------------------|----------------------|-----------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)                        | (L/s)                      |                      |                      | 轴功率<br>Shaft power    | 电机功率<br>Motor power |                       |                                           |
| -2°             | 7512.1<br>8578<br>9370.5      | 2086.7<br>2382.8<br>2602.9 | 3.24<br>2.28<br>1.61 | 490                  | 83.3<br>64.1<br>51.8  | 90                  | 79.5<br>83.2<br>79.5  | 850                                       |
| 0°              | 8873.5<br>9961.5<br>10590.5   | 2464.9<br>2767.1<br>2941.8 | 3.1<br>2.29<br>1.67  |                      | 94.2<br>75.5<br>60.5  | 110                 | 79.5<br>82.4<br>79.5  |                                           |
| +2°             | 10305.5<br>11123.7<br>11735.5 | 2862.6<br>3089.9<br>3259.9 | 2.96<br>2.48<br>1.93 |                      | 104.6<br>92.4<br>77.4 | 132                 | 79.5<br>81.2<br>79.5  |                                           |

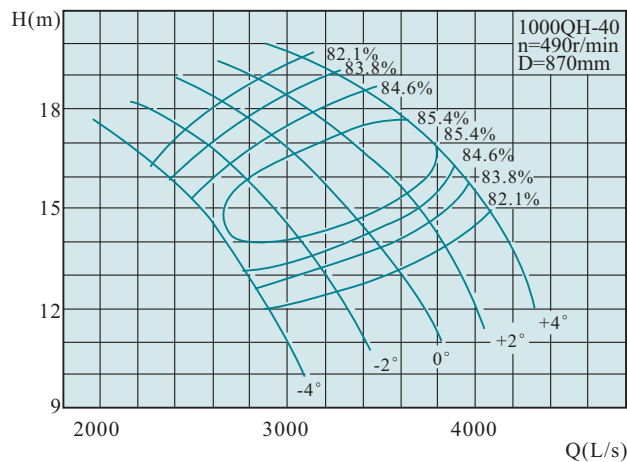
**1000QH-35**


| 叶片安装角度<br>Angle | 流量Q Capacity                  |                            | 扬程H<br>Head (m)         | 转速n<br>Speed (r/min) | 功率Power(kw)             |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|-------------------------------|----------------------------|-------------------------|----------------------|-------------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)                        | (L/s)                      |                         |                      | 轴功率<br>Shaft power      | 电机功率<br>Motor power |                       |                                           |
| -6°             | 7660.9<br>8604.4<br>9064.3    | 2128<br>2390.1<br>2517.9   | 14.07<br>12.1<br>10.61  | 490                  | 361.1<br>344<br>322.3   | 400                 | 81.3<br>82.5<br>81.3  | 870                                       |
| -4°             | 7925<br>9642.9<br>10349.1     | 2201.4<br>2678.6<br>2874.7 | 16.52<br>13.45<br>11.43 |                      | 438.6<br>417<br>388.5   | 500                 | 81.3<br>84.7<br>83    |                                           |
| -2°             | 8646<br>10681.4<br>11651.6    | 2401.7<br>2967<br>3236.6   | 18.15<br>14.6<br>11.81  |                      | 525.8<br>496.9<br>452.1 | 630                 | 81.3<br>85.5<br>83    |                                           |
| 0°              | 9221.6<br>11571.5<br>12758.3  | 2561.6<br>3214.3<br>3544   | 19.02<br>15.67<br>12.73 |                      | 587.5<br>576.1<br>533.3 |                     | 81.3<br>85.8<br>83    |                                           |
| +2°             | 10233.3<br>12461.6<br>13888.8 | 2842.6<br>3461.6<br>3858   | 20.04<br>17.03<br>13.81 |                      | 687.2<br>670.1<br>630.1 | 800                 | 81.3<br>86.3<br>83    |                                           |
| +4°             | 11129.4<br>13351.7<br>14867.9 | 3091.5<br>3708.8<br>4130   | 20.66<br>17.77<br>14.86 |                      | 770.3<br>753.7<br>725.6 | 900                 | 81.3<br>85.8<br>83    |                                           |

QZ 系列潜水轴流泵、QH 系列潜水混流泵

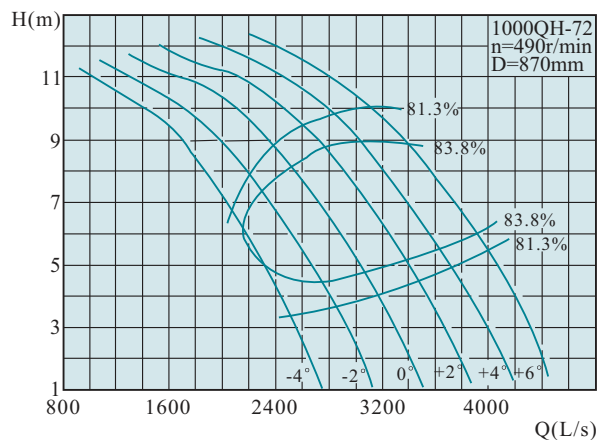
QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 Curve and specification

1000QH-40

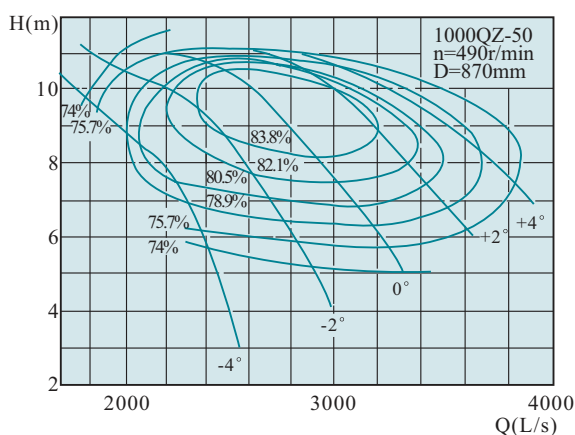


| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                 |                                           |
| -4°             | 8287         | 2301.9 | 16.37           | 490                  | 450.1              | 500                 | 82.1            | 870                                       |
|                 | 9642.9       | 2678.6 | 13.11           |                      | 404.9              |                     | 85.1            |                                           |
|                 | 10515.2      | 2920.9 | 11.95           |                      | 416.7              |                     | 82.1            |                                           |
| -2°             | 8900         | 2472.2 | 17.36           |                      | 512.6              | 560                 | 82.1            |                                           |
|                 | 10681.4      | 2967   | 14.21           |                      | 484.5              |                     | 85.4            |                                           |
|                 | 11788.1      | 3274.5 | 12.49           |                      | 488.6              |                     | 82.1            |                                           |
| 0°              | 9631.3       | 2675.4 | 18.29           |                      | 584.2              | 630                 | 82.1            |                                           |
|                 | 11571.5      | 3214.3 | 15.46           |                      | 569.3              |                     | 85.6            |                                           |
|                 | 12961.3      | 3600.3 | 13.14           |                      | 564.9              |                     | 82.1            |                                           |
| +2°             | 10244.9      | 2845.8 | 18.94           |                      | 643.6              | 710                 | 82.1            |                                           |
|                 | 12461.6      | 3461.6 | 16.52           |                      | 650.7              |                     | 86.2            |                                           |
|                 | 13873.6      | 3853.8 | 13.85           |                      | 637.4              |                     | 82.1            |                                           |
| +4°             | 11144.8      | 3095.8 | 19.58           |                      | 724                | 800                 | 82.1            |                                           |
|                 | 13351.7      | 3708.8 | 17.48           |                      | 741.2              |                     | 85.8            |                                           |
|                 | 14715.4      | 4087.6 | 14.97           |                      | 730.9              |                     | 82.1            |                                           |

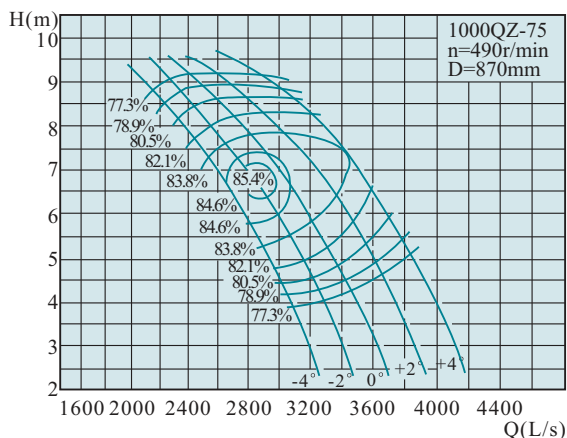
1000QH-72



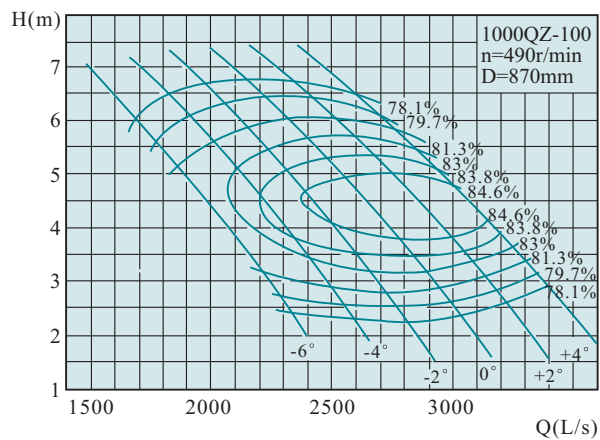
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                 |                                           |
| -4°             | 6735.2       | 1870.9 | 7.97            | 490                  | 179.9              | 200                 | 81.3            | 870                                       |
|                 | 7714.3       | 2142.9 | 6.05            |                      | 151.8              |                     | 83.8            |                                           |
|                 | 7951.7       | 2208.8 | 5.61            |                      | 144.9              |                     | 83.9            |                                           |
|                 | 8221.7       | 2281.6 | 5.22            |                      | 143.4              |                     | 83.8            |                                           |
|                 | 8841.8       | 2456.1 | 3.75            |                      | 111                |                     | 81.3            |                                           |
| -2°             | 7387.9       | 2052.2 | 8.64            |                      | 213.9              | 250                 | 81.3            |                                           |
|                 | 8040.7       | 2233.5 | 7.64            |                      | 199.7              |                     | 83.8            |                                           |
|                 | 8871.5       | 2464.3 | 6.09            |                      | 173.3              |                     | 85              |                                           |
|                 | 9761.6       | 2711.6 | 4.42            |                      | 140.3              |                     | 83.8            |                                           |
|                 | 10117.6      | 2810.5 | 3.55            |                      | 120.5              |                     | 81.3            |                                           |
| 0°              | 8396.7       | 2332.4 | 9.03            |                      | 254                | 280                 | 81.3            |                                           |
|                 | 9079.2       | 2522   | 8.01            |                      | 236.6              |                     | 83.8            |                                           |
|                 | 10206.6      | 2835.2 | 6.03            |                      | 196.8              |                     | 85.2            |                                           |
|                 | 10859.4      | 3016.5 | 4.8             |                      | 169.6              |                     | 83.8            |                                           |
|                 | 11245.1      | 3123.6 | 3.94            |                      | 148.3              |                     | 81.3            |                                           |
| +2°             | 9138.5       | 2538.5 | 9.61            |                      | 294.3              | 315                 | 81.3            |                                           |
|                 | 9672.6       | 2686.8 | 8.93            |                      | 281                |                     | 83.8            |                                           |
|                 | 10948.4      | 3041.2 | 6.91            |                      | 240.9              |                     | 85.6            |                                           |
|                 | 12135.2      | 3370.9 | 4.8             |                      | 189.6              |                     | 83.8            |                                           |
|                 | 12610        | 3502.8 | 4.03            |                      | 170.4              |                     | 81.3            |                                           |
| +4°             | 9969.3       | 2769.2 | 9.94            |                      | 332                | 400                 | 81.3            |                                           |
|                 | 10681.4      | 2967   | 9.09            |                      | 315.7              |                     | 83.8            |                                           |
|                 | 11986.9      | 3329.7 | 7.09            |                      | 271.6              |                     | 85.2            |                                           |
|                 | 13055        | 3626.4 | 5.28            |                      | 224.3              |                     | 83.8            |                                           |
|                 | 13648.4      | 3791.2 | 4.32            |                      | 197.6              |                     | 81.3            |                                           |
| +6°             | 10978.1      | 3049.5 | 10.08           |                      | 370.9              | 400                 | 81.3            |                                           |
|                 | 11868.2      | 3296.7 | 8.84            |                      | 341.1              |                     | 83.8            |                                           |
|                 | 12728.6      | 3535.7 | 7.82            |                      | 319.2              |                     | 84.9            |                                           |
|                 | 13945.1      | 3873.6 | 5.95            |                      | 270.1              |                     | 83.8            |                                           |
|                 | 14241.8      | 3956.1 | 5.38            |                      | 256.6              |                     | 81.3            |                                           |

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**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-50**


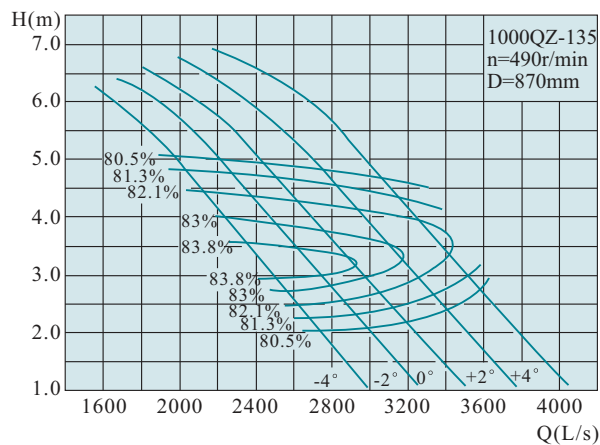
| 叶片安装角度<br>Angle | 流量 Q Capacity |        | 扬程 H<br>Head (m) | 转速 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|---------------|--------|------------------|-----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)        | (L/s)  |                  |                       | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -4°             | 7229.5        | 2008.2 | 8.95             | 490                   | 223.5              | 250                 | 78.9                  | 870                                       |
|                 | 7417.6        | 2060.4 | 8.93             |                       | 222.4              |                     | 81.2                  |                                           |
|                 | 8424.3        | 2340.1 | 6.9              |                       | 200.6              |                     | 78.9                  |                                           |
| -2°             | 7702.8        | 2139.7 | 10.27            |                       | 273.1              | 315                 | 78.9                  |                                           |
|                 | 8693.5        | 2414.8 | 9.22             |                       | 260                |                     | 84                    |                                           |
|                 | 10008.1       | 2780   | 6.5              |                       | 224.7              |                     | 78.9                  |                                           |
| 0°              | 8519.3        | 2366.5 | 10.82            |                       | 318.5              | 355                 | 78.9                  |                                           |
|                 | 9672.6        | 2686.8 | 9.7              |                       | 300                |                     | 85.2                  |                                           |
|                 | 11449.8       | 3180.5 | 6.37             |                       | 251.8              |                     | 78.9                  |                                           |
| +2°             | 9911.1        | 2753.1 | 10.85            |                       | 371.5              | 400                 | 78.9                  |                                           |
|                 | 11126.4       | 3090.7 | 9.6              |                       | 342.6              |                     | 85                    |                                           |
|                 | 12734.6       | 3537.4 | 6.91             |                       | 303.7              |                     | 78.9                  |                                           |
| +4°             | 10978.7       | 3049.6 | 10.71            |                       | 406                | 450                 | 78.9                  |                                           |
|                 | 12224.2       | 3395.6 | 9.39             |                       | 383.9              |                     | 81.5                  |                                           |
|                 | 13236         | 3676.7 | 8.39             |                       | 383.7              |                     | 78.9                  |                                           |

**1000QZ-75**


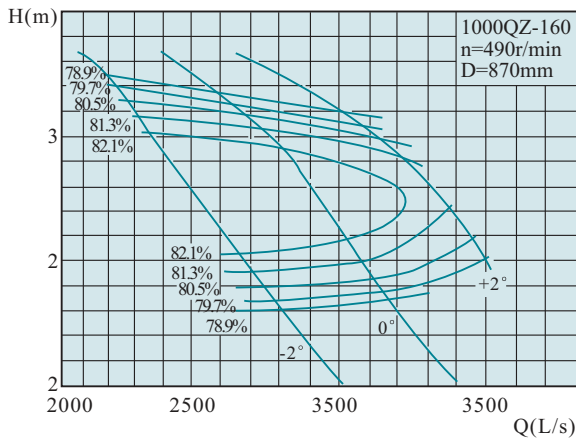
| 叶片安装角度<br>Angle | 流量 Q Capacity |        | 扬程 H<br>Head (m) | 转速 n<br>Speed (r/min) | 功率 Power(kw)       |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|---------------|--------|------------------|-----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)        | (L/s)  |                  |                       | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -4°             | 8834.1        | 2453.9 | 7.78             | 490                   | 228                | 250                 | 82.1                  | 870                                       |
|                 | 10070.2       | 2797.3 | 6.09             |                       | 196.4              |                     | 85.1                  |                                           |
|                 | 10788.2       | 2996.7 | 4.83             |                       | 172.9              |                     | 82.1                  |                                           |
| -2°             | 9132.3        | 2536.7 | 8.07             |                       | 244.4              | 280                 | 82.1                  |                                           |
|                 | 10512.3       | 2920.1 | 6.51             |                       | 217.8              |                     | 85.6                  |                                           |
|                 | 11426.4       | 3174   | 4.99             |                       | 189.3              |                     | 82.1                  |                                           |
| 0°              | 9825.4        | 2729.3 | 8.27             |                       | 269.5              | 315                 | 82.1                  |                                           |
|                 | 11004.8       | 3056.9 | 6.76             |                       | 238.8              |                     | 84.9                  |                                           |
|                 | 11991.3       | 3330.9 | 5.31             |                       | 211.3              |                     | 82.1                  |                                           |
| +2°             | 10571.3       | 2936.5 | 8.35             |                       | 292.7              | 355                 | 82.1                  |                                           |
|                 | 11776.2       | 3271.2 | 6.91             |                       | 262.5              |                     | 84.4                  |                                           |
|                 | 12668.4       | 3519   | 5.92             |                       | 248.6              |                     | 82.1                  |                                           |
| +4°             | 11677.7       | 3243.8 | 8.34             |                       | 322.9              | 355                 | 82.1                  |                                           |
|                 | 12322.1       | 3422.8 | 7.32             |                       | 293.2              |                     | 83.8                  |                                           |
|                 | 12980.2       | 3605.6 | 6.58             |                       | 283.3              |                     | 82.1                  |                                           |

**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**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**


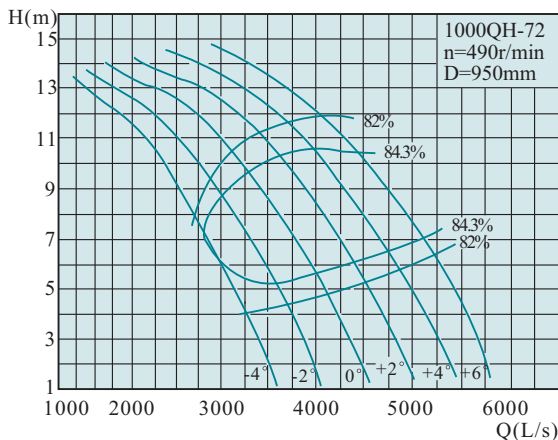
| 叶片安装角度<br>Angle | 流量Q Capacity                 |                            | 扬程H<br>Head (m)      | 转速n<br>Speed (r/min) | 功率Power(kw)             |                     | 效率η<br>Eff. (%)      | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|------------------------------|----------------------------|----------------------|---------------------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

**1000QZ-135**


| 叶片安装角度<br>Angle | 流量Q Capacity                 |                            | 扬程H<br>Head (m)      | 转速n<br>Speed (r/min) | 功率Power(kw)            |                     | 效率η<br>Eff. (%)      | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|------------------------------|----------------------------|----------------------|----------------------|------------------------|---------------------|----------------------|-------------------------------------------|
|                 | (m³/h)                       | (L/s)                      |                      |                      | 轴功率<br>Shaft power     | 电机功率<br>Motor power |                      |                                           |
| -4°             | 7124.2<br>9203.8<br>9864.5   | 1978.9<br>2556.6<br>2740.2 | 5.01<br>2.77<br>1.99 | 490                  | 120.9<br>82.2<br>66.4  | 132                 | 80.5<br>84.4<br>80.5 | 870                                       |
| -2°             | 7946.9<br>9895.1<br>10715.8  | 2207.5<br>2748.6<br>2976.6 | 4.97<br>2.96<br>2.1  |                      | 133.5<br>94.8<br>76.3  |                     | 80.5<br>84.2<br>80.5 |                                           |
| 0°              | 8774.7<br>10550.8<br>11458.7 | 2437.4<br>2930.8<br>3183   | 4.92<br>3.12<br>2.15 |                      | 146<br>107<br>83.4     | 160                 | 80.5<br>83.8<br>80.5 |                                           |
| +2°             | 9986.5<br>11366.8<br>12238.2 | 2774<br>3157.4<br>3399.5   | 4.65<br>3.24<br>2.37 |                      | 157.1<br>120.5<br>98.2 | 185                 | 80.5<br>83.2<br>80.5 |                                           |
| +4°             | 10998<br>12167.9<br>12886.8  | 3055<br>3380<br>3579.7     | 4.68<br>3.41<br>2.74 |                      | 174.1<br>137<br>119.4  | 200                 | 80.5<br>82.5<br>80.5 |                                           |
|                 |                              |                            |                      |                      |                        |                     |                      |                                           |

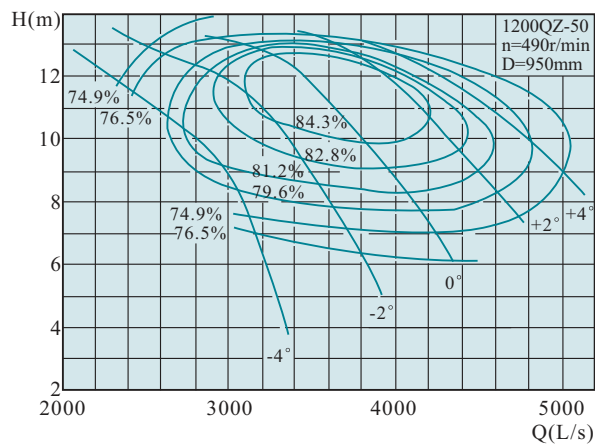
**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 Curve and specification**
**1000QZ-160**


| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -2°             | 8054.9       | 2237.5 | 3.39            | 490                  | 93.4               | 110                 | 79.7                  | 870                                       |
|                 | 9197.8       | 2555   | 2.39            |                      | 71.9               |                     | 83.4                  |                                           |
|                 | 10047.6      | 2791   | 1.69            |                      | 58.1               |                     | 79.7                  |                                           |
| 0°              | 9514.7       | 2643   | 3.25            |                      | 105.6              | 132                 | 79.7                  |                                           |
|                 | 10681.4      | 2967   | 2.4             |                      | 84.7               |                     | 82.6                  |                                           |
|                 | 11355.8      | 3154.4 | 1.75            |                      | 67.9               |                     | 79.7                  |                                           |
| +2°             | 11050.2      | 3069.5 | 3.1             |                      | 117.2              |                     | 79.7                  |                                           |
|                 | 11927.5      | 3313.2 | 2.59            |                      | 103.6              |                     | 81.3                  |                                           |
|                 | 12583.5      | 3495.4 | 2.02            |                      | 86.8               |                     | 79.7                  |                                           |

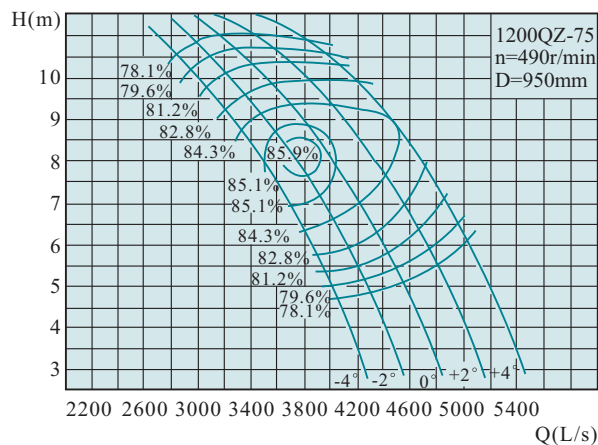
**1200QH-72**


| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -4°             | 8769.3       | 2435.9 | 9.5             | 490                  | 277                | 315                 | 82                    | 950                                       |
|                 | 10044.1      | 2790   | 7.21            |                      | 234.1              |                     | 84.3                  |                                           |
|                 | 10353.1      | 2875.9 | 6.69            |                      | 223.4              |                     | 84.5                  |                                           |
|                 | 10391.8      | 2886.6 | 6.58            |                      | 221.1              |                     | 84.3                  |                                           |
|                 | 11512.1      | 3197.8 | 4.47            |                      | 170.9              |                     | 82                    |                                           |
| -2°             | 9619.2       | 2672   | 10.31           |                      | 329.5              | 355                 | 82                    |                                           |
|                 | 10469        | 2908.1 | 9.1             |                      | 308                |                     | 84.3                  |                                           |
|                 | 11550.7      | 3208.5 | 7.26            |                      | 267.4              |                     | 85.5                  |                                           |
|                 | 12709.6      | 3530.5 | 5.27            |                      | 216.3              |                     | 84.3                  |                                           |
|                 | 13173.2      | 3659.2 | 4.24            |                      | 185.5              |                     | 82                    |                                           |
| 0°              | 10932.6      | 3036.8 | 10.76           |                      | 391.2              | 450                 | 82                    |                                           |
|                 | 11821.1      | 3283.6 | 9.55            |                      | 364.8              |                     | 84.3                  |                                           |
|                 | 13289.1      | 3691.4 | 7.19            |                      | 303.7              |                     | 85.7                  |                                           |
|                 | 14139        | 3927.5 | 5.73            |                      | 261.6              |                     | 84.3                  |                                           |
|                 | 14641.2      | 4067   | 4.7             |                      | 228.5              |                     | 82                    |                                           |
| +2°             | 11898.4      | 3305.1 | 11.46           |                      | 453.4              | 500                 | 82                    |                                           |
|                 | 12593.8      | 3498.3 | 10.65           |                      | 433.4              |                     | 84.3                  |                                           |
|                 | 14254.9      | 3959.7 | 8.25            |                      | 371.8              |                     | 86.1                  |                                           |
|                 | 15800.1      | 4388.9 | 5.73            |                      | 292.3              |                     | 84.3                  |                                           |
|                 | 16418.2      | 4560.5 | 4.81            |                      | 262.5              |                     | 82                    |                                           |
| +4°             | 12980.1      | 3605.6 | 11.85           |                      | 511.4              | 560                 | 82                    |                                           |
|                 | 13907.2      | 3863.1 | 10.83           |                      | 486.8              |                     | 84.3                  |                                           |
|                 | 15607        | 4335.3 | 8.45            |                      | 419.1              |                     | 85.8                  |                                           |
|                 | 16997.37     | 4721.6 | 6.3             |                      | 345.9              |                     | 84.3                  |                                           |
|                 | 17770.3      | 4936.2 | 5.15            |                      | 304.4              |                     | 82                    |                                           |
| +6°             | 14293.5      | 3970.4 | 12.02           |                      | 571.3              | 630                 | 82                    |                                           |
|                 | 15452.5      | 4292.4 | 10.54           |                      | 526                |                     | 84.3                  |                                           |
|                 | 16572.8      | 4603.5 | 9.32            |                      | 492.5              |                     | 85.5                  |                                           |
|                 | 18156.6      | 5043.5 | 7.1             |                      | 416.5              |                     | 84.3                  |                                           |
|                 | 18543        | 5150.8 | 6.41            |                      | 395.3              |                     | 82                    |                                           |

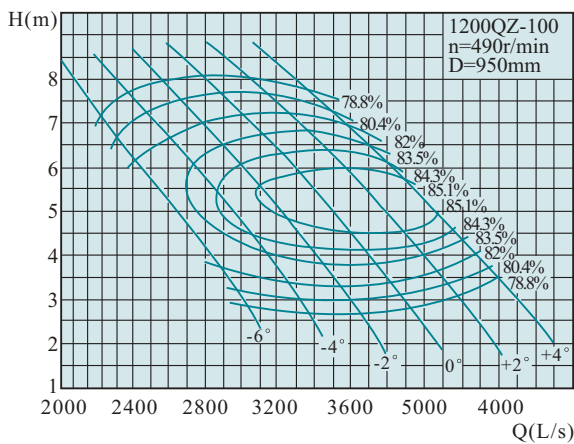


**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 Curve and specification**
**1200QZ-50**


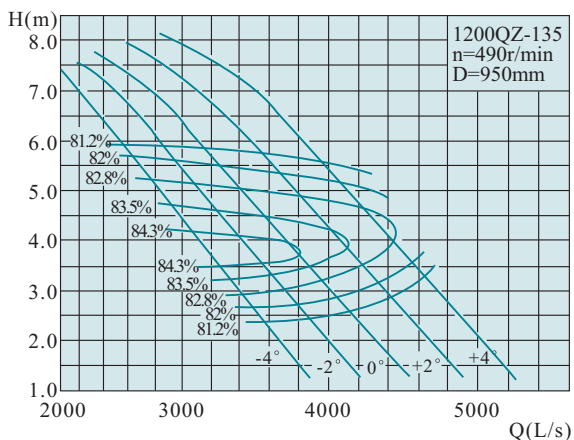
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 速转n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-----------------------------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

**1200QZ-75**


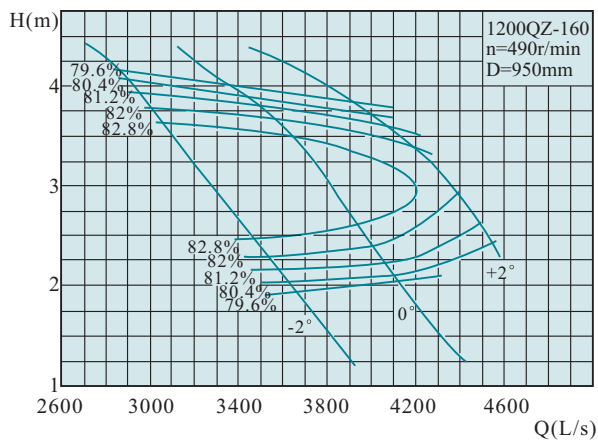
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 速转n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                 |                                           |
| -4°             | 11502        | 3195   | 9.28            | 490                  | 351.3              | 400                 | 82.8            | 950                                       |
|                 | 13111.4      | 3642.1 | 7.26            |                      | 303.1              |                     | 85.6            |                                           |
|                 | 14046.3      | 3901.7 | 5.76            |                      | 266.4              |                     | 82.8            |                                           |
| -2°             | 11890.3      | 3302.9 | 9.62            |                      | 376.6              | 450                 | 82.8            |                                           |
|                 | 13687        | 3801.9 | 7.76            |                      | 336.2              |                     | 86.1            |                                           |
|                 | 14877.2      | 4132.6 | 5.95            |                      | 291.7              |                     | 82.8            |                                           |
| 0°              | 12792.7      | 3553.5 | 9.86            |                      | 415.3              | 560                 | 82.8            |                                           |
|                 | 14328.3      | 3980.1 | 8.06            |                      | 368.5              |                     | 85.4            |                                           |
|                 | 15612.8      | 4336.9 | 6.33            |                      | 325.5              |                     | 82.8            |                                           |
| +2°             | 13763.9      | 3823.3 | 9.95            |                      | 451                | 500                 | 82.8            |                                           |
|                 | 15332.7      | 4259.1 | 8.2             |                      | 405                |                     | 84.9            |                                           |
|                 | 16494.3      | 4581.8 | 7.05            |                      | 383.1              |                     | 82.8            |                                           |
| +4°             | 15204.4      | 4223.5 | 9.94            |                      | 497.6              | 560                 | 82.8            |                                           |
|                 | 16043.5      | 4456.5 | 8.73            |                      | 452.2              |                     | 84.4            |                                           |
|                 | 16900.4      | 4694.5 | 7.84            |                      | 436.5              |                     | 82.8            |                                           |

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**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**
**1200QZ-100**


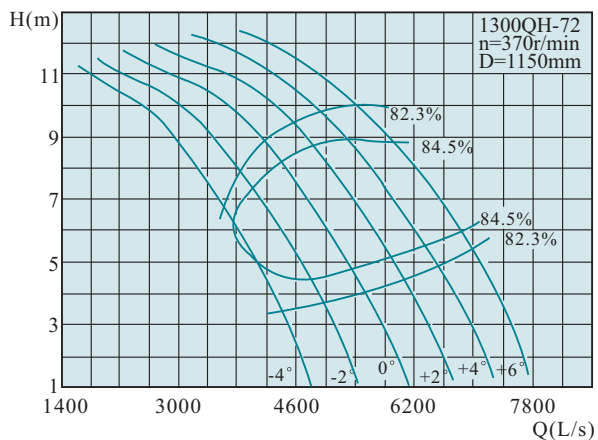
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------------|-----------------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

**1200QZ-135**


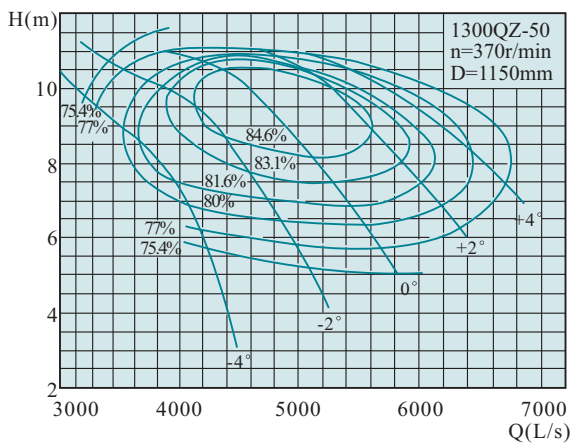
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------------|-----------------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

**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**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**
**1200QZ-160**


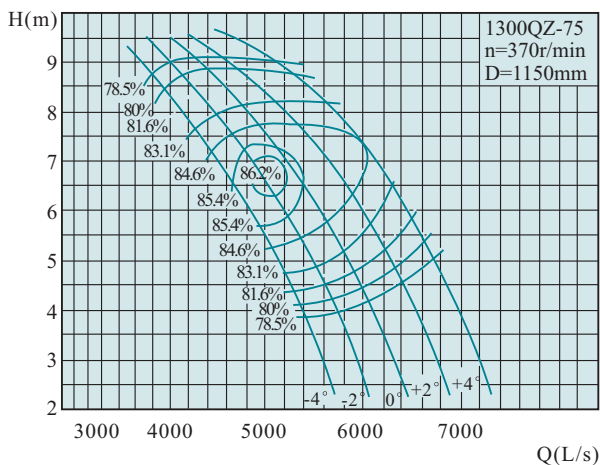
| 叶片安装角度<br>Angle | 流量Q Capacity                  |                            | 扬程H<br>Head (m)      | 转速n<br>Speed (r/min) | 功率Power(kw)             |                     | 效率η<br>Eff. (%)      | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|-------------------------------|----------------------------|----------------------|-------------------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

**1300QH-72**


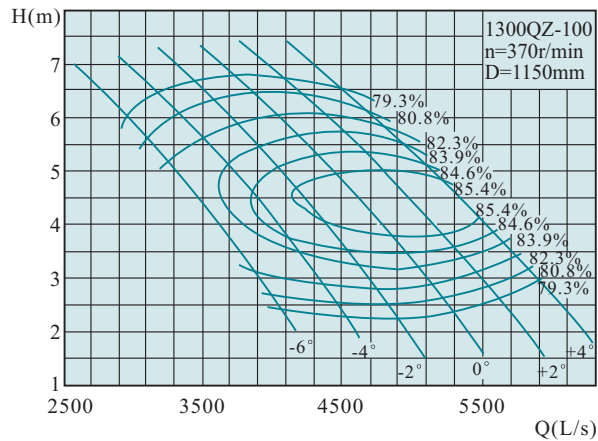
| 叶片安装角度<br>Angle | 流量Q Capacity                                        |                                                | 扬程H<br>Head (m)                      | 转速n<br>Speed (r/min) | 功率Power(kw)                               |                     | 效率η<br>Eff. (%)                      | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|-----------------------------------------------------|------------------------------------------------|--------------------------------------|----------------------|-------------------------------------------|---------------------|--------------------------------------|-------------------------------------------|
|                 | (m³/h)                                              | (L/s)                                          |                                      |                      | 轴功率<br>Shaft power                        | 电机功率<br>Motor power |                                      |                                           |
| -4°             | 11746<br>13453.6<br>13867.6<br>13919.3<br>15419.9   | 3262.8<br>3737.1<br>3852.1<br>3866.5<br>4283.3 | 7.94<br>6.03<br>5.59<br>5.5<br>3.73  | 370                  | 308.7<br>261.1<br>249.1<br>246.5<br>190.4 | 355                 | 82.3<br>84.6<br>84.8<br>84.6<br>82.3 | 1150                                      |
| -2°             | 12884.4<br>14022.8<br>15471.7<br>17024<br>17644.9   | 3579<br>3895.2<br>4297.7<br>4728.9<br>4901.4   | 8.61<br>7.61<br>6.07<br>4.4<br>3.54  |                      | 367.2<br>343.4<br>298.2<br>241.2<br>206.7 | 400                 | 82.3<br>84.6<br>85.8<br>84.6<br>82.3 |                                           |
| 0°              | 14346<br>14744.2<br>17105.4<br>18700.6<br>19477.1   | 3985<br>4095.6<br>4751.5<br>5194.6<br>5410.3   | 9.5<br>9.23<br>7.19<br>5.73<br>4.7   |                      | 452.4<br>437.9<br>389.3<br>344.7<br>302.7 | 500                 | 82<br>84.6<br>86<br>84.6<br>82.3     |                                           |
| +2°             | 15937.4<br>16868.8<br>19093.8<br>21163.6<br>21991.5 | 4427<br>4685.8<br>5303.8<br>5878.8<br>6108.8   | 9.58<br>8.9<br>6.89<br>4.78<br>4.02  |                      | 505.1<br>483.2<br>414.8<br>325.9<br>292.5 | 560                 | 82.3<br>84.6<br>86.4<br>84.6<br>82.3 |                                           |
| +4°             | 17386.2<br>18628.1<br>20904.9<br>22767.7<br>23802.6 | 4829.5<br>5174.5<br>5806.9<br>6324.4<br>6611.8 | 9.9<br>9.05<br>7.06<br>5.26<br>4.31  |                      | 569.8<br>542.8<br>467.5<br>385.7<br>339.2 | 630                 | 82.3<br>84.6<br>86<br>84.6<br>82.3   |                                           |
| +6°             | 19145.5<br>20697.9<br>22198.5<br>24320<br>24837.5   | 5318.2<br>5749.4<br>6166.2<br>6755.6<br>6899.3 | 10.05<br>8.8<br>7.79<br>5.93<br>5.36 |                      | 636.5<br>586.5<br>549.4<br>464.4<br>440.4 | 710                 | 82.3<br>84.6<br>85.8<br>84.6<br>82.3 |                                           |

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**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**
**1300QZ-50**


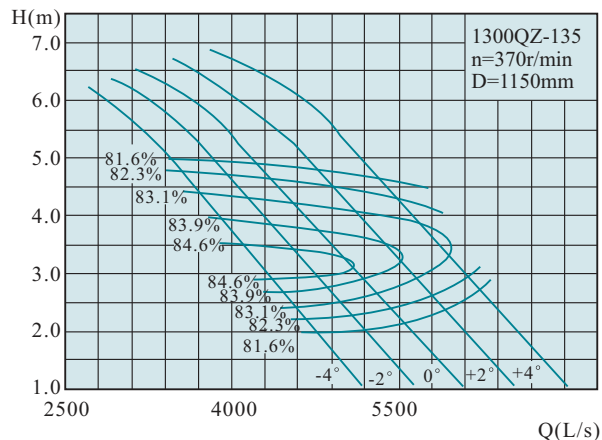
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 速转n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------------|-----------------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

**1300QZ-75**


| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 速转n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -4°             | 15406.5      | 4279.6 | 7.75            | 370                  | 391.5              | 450                 | 83.1                  | 1150                                      |
|                 | 17562.2      | 4878.4 | 6.07            |                      | 338.1              |                     | 85.9                  |                                           |
|                 | 18814.4      | 5226.2 | 4.81            |                      | 296.9              |                     | 83.1                  |                                           |
| -2°             | 15926.5      | 4424   | 8.04            |                      | 419.7              | 500                 | 83.1                  |                                           |
|                 | 18333.2      | 5092.5 | 6.49            |                      | 375                |                     | 86.4                  |                                           |
|                 | 19927.4      | 5535.4 | 4.98            |                      | 325.1              |                     | 83.1                  |                                           |
| 0°              | 17135.3      | 4759.8 | 8.24            |                      | 462.8              | 560                 | 83.1                  |                                           |
|                 | 19192.1      | 5331.1 | 6.74            |                      | 411                |                     | 85.7                  |                                           |
|                 | 20912.6      | 5809.1 | 5.29            |                      | 362.8              |                     | 83.1                  |                                           |
| +2°             | 18436.1      | 5121.1 | 8.31            |                      | 502.6              | 630                 | 83.1                  |                                           |
|                 | 20537.5      | 5704.9 | 6.88            |                      | 451.6              |                     | 85.2                  |                                           |
|                 | 22093.4      | 6137.1 | 5.89            |                      | 427                |                     | 83.1                  |                                           |
| +4°             | 20365.7      | 5657.1 | 8.31            |                      | 554.6              | 800                 | 83.1                  |                                           |
|                 | 21489.6      | 5969.3 | 7.29            |                      | 504.2              |                     | 84.7                  |                                           |
|                 | 22637.3      | 6288.1 | 6.55            |                      | 486.5              |                     | 83.1                  |                                           |

**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**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**
**1300QZ-100**


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

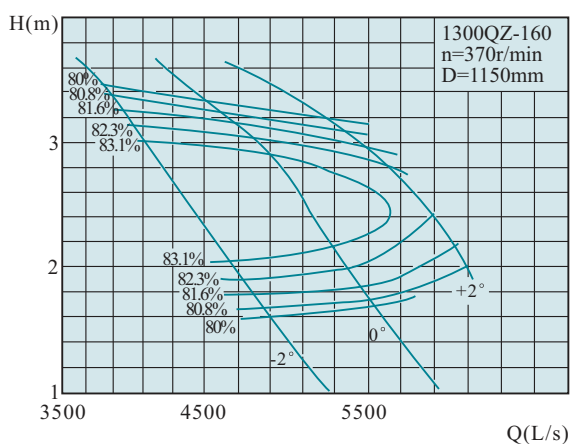
**1300QZ-135**


| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                 |                                           |
| -4°             | 12424.4      | 3451.2 | 4.99            | 370                  | 207.3              | 250                 | 81.6            | 1150                                      |
|                 | 16051.2      | 4458.7 | 2.76            |                      | 141.4              |                     | 85.3            |                                           |
|                 | 17203.6      | 4778.8 | 1.98            |                      | 113.8              |                     | 81.6            |                                           |
| -2°             | 13859.3      | 3849.8 | 4.95            |                      | 229                | 280                 | 81.6            |                                           |
|                 | 17256.9      | 4793.6 | 2.95            |                      | 163                |                     | 85              |                                           |
|                 | 18688.1      | 5191.1 | 2.1             |                      | 130.8              |                     | 81.6            |                                           |
| 0°              | 15303        | 4250.8 | 4.9             |                      | 250.4              | 315                 | 81.6            |                                           |
|                 | 18400.4      | 5111.2 | 3.11            |                      | 184.1              |                     | 84.7            |                                           |
|                 | 19983.8      | 5551.1 | 2.14            |                      | 143.1              |                     | 81.6            |                                           |
| +2°             | 17416.2      | 4837.8 | 4.63            |                      | 269.4              | 355                 | 81.6            |                                           |
|                 | 19823.4      | 5506.5 | 3.22            |                      | 207.1              |                     | 84.1            |                                           |
|                 | 21343.1      | 5928.7 | 2.36            |                      | 168.5              |                     | 81.6            |                                           |
| +4°             | 19180.2      | 5327.8 | 4.66            |                      | 298.5              |                     | 81.6            |                                           |
|                 | 21220.5      | 5894.6 | 3.4             |                      | 235.3              |                     | 83.5            |                                           |
|                 | 22474.3      | 6242.9 | 2.73            |                      | 204.7              |                     | 81.6            |                                           |

## QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP

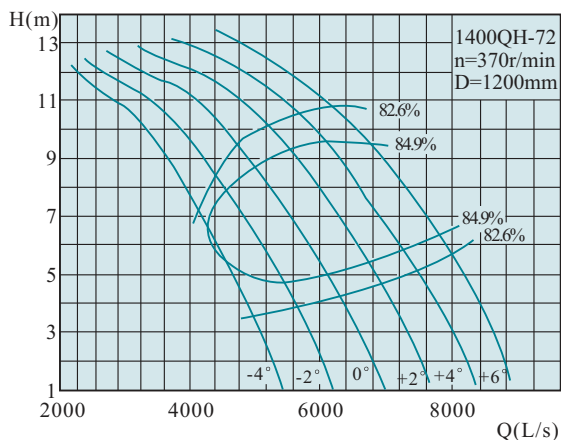
## QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 Curve and specification

## 1300QZ-160



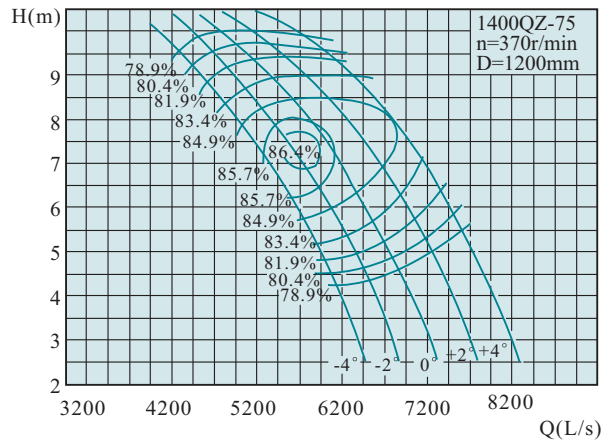
| 叶片安装角度<br>Angle | 流量Q Capacity                  |                            | 扬程H<br>Head (m)      | 转速n<br>Speed (r/min) | 功率Power(kw)             |                     | 效率η<br>Eff. (%)      | 叶轮外径D<br>Outer diameter of impeller (mm) |
|-----------------|-------------------------------|----------------------------|----------------------|--------------------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

## 1400QH-72

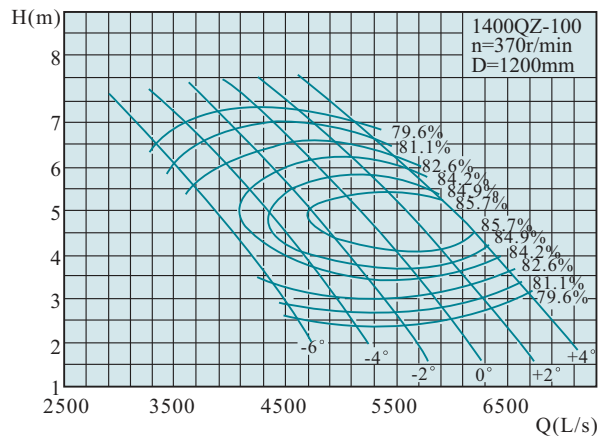


| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head<br>(m) | 转速n<br>Speed<br>(r/min) | 功率Power(kw)        |                     | 效率η<br>Eff.<br>(%) | 叶轮外径D<br>Outer diameter of<br>impeller<br>(mm) |
|-----------------|--------------|--------|--------------------|-------------------------|--------------------|---------------------|--------------------|------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



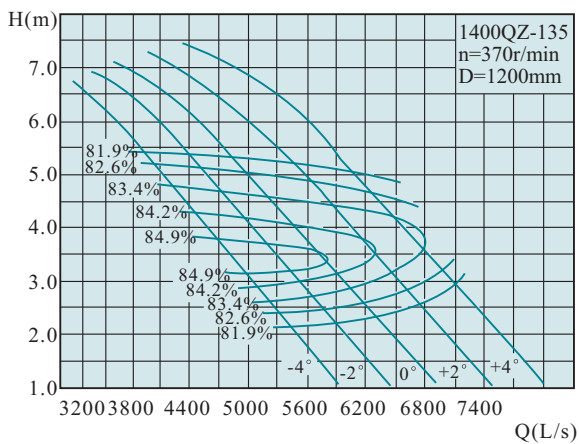
**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 Curve and specification**
**1400QZ-75**


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

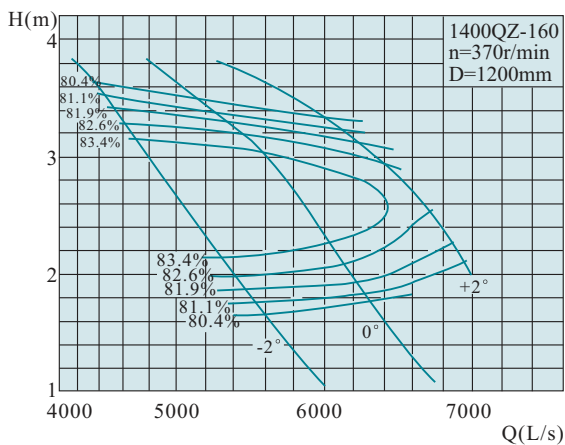
**1400QZ-100**


| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                 |                                           |
| -6°             | 13492.1      | 3747.8 | 5.48            | 370                  | 243.8              | 280                 | 82.6            | 1200                                      |
|                 | 14697.9      | 4082.8 | 4.2             |                      | 199.8              |                     | 84.2            |                                           |
|                 | 15838.5      | 4399.6 | 3.39            |                      | 176.8              |                     | 82.6            |                                           |
| -4°             | 14323.4      | 3978.7 | 6.07            |                      | 286.9              | 315                 | 82.6            |                                           |
|                 | 16461.7      | 4572.7 | 4.27            |                      | 225.5              |                     | 85              |                                           |
|                 | 17976.7      | 4993.5 | 3.03            |                      | 179.7              |                     | 82.6            |                                           |
| -2°             | 15331.7      | 4258.8 | 6.37            |                      | 321.8              | 355                 | 82.6            |                                           |
|                 | 17931.5      | 4981   | 4.38            |                      | 250.3              |                     | 85.4            |                                           |
|                 | 19568.2      | 5435.6 | 3.06            |                      | 197.6              |                     | 82.6            |                                           |
| 0°              | 16426.4      | 4562.9 | 6.51            |                      | 352.7              | 400                 | 82.6            |                                           |
|                 | 19401.3      | 5389.2 | 4.39            |                      | 270.7              |                     | 85.7            |                                           |
|                 | 20973.4      | 5825.9 | 3.1             |                      | 214.7              |                     | 82.6            |                                           |
| +2°             | 17935        | 4981.9 | 6.54            |                      | 386.9              | 450                 | 82.6            |                                           |
|                 | 20577.1      | 5715.9 | 4.62            |                      | 300.8              |                     | 86              |                                           |
|                 | 22212.1      | 6170   | 3.35            |                      | 245.7              |                     | 82.6            |                                           |
| +4°             | 19603.5      | 5445.4 | 6.31            |                      | 408.1              |                     | 82.6            |                                           |
|                 | 22046.9      | 6124.1 | 4.64            |                      | 324.6              |                     | 85.8            |                                           |
|                 | 23388.5      | 6496.8 | 3.67            |                      | 282.8              |                     | 82.6            |                                           |

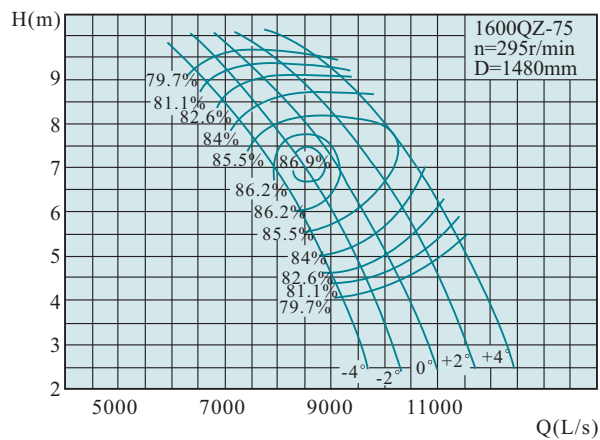


**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**QZ、QH型潜水轴流泵、混流泵性能曲线图与性能参数表 Curve and specification**
**1400QZ-135**


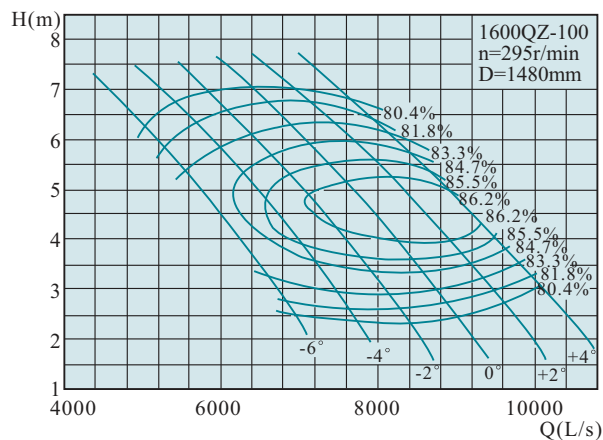
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 速转 n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|-----------------------|--------------------|---------------------|-----------------|---------------------------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

**1400QZ-160**


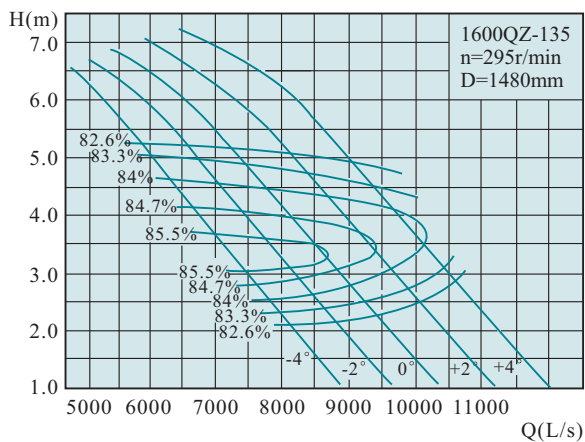
| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 速转 n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|-----------------------|--------------------|---------------------|-----------------|---------------------------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

**QZ 系列潜水轴流泵、QH 系列潜水混流泵**
**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**
**1600QZ-75**


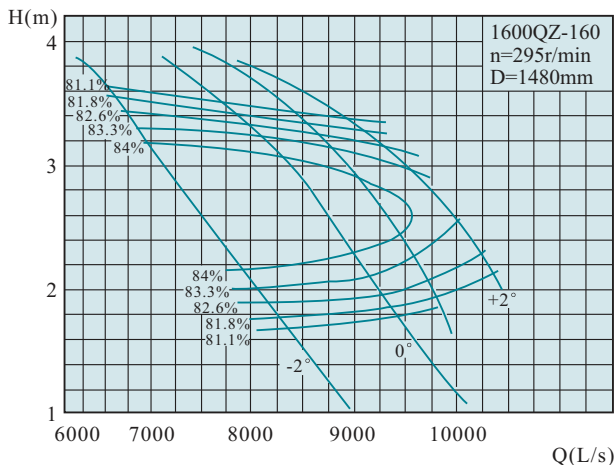
| 叶片安装角度<br>Angle | 流量Q Capacity |         | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|---------|-----------------|----------------------|--------------------|---------------------|-----------------|---------------------------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

**1600QZ-100**


| 叶片安装角度<br>Angle | 流量Q Capacity |        | 扬程H<br>Head (m) | 转速n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率η<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|--------|-----------------|----------------------|--------------------|---------------------|-----------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)  |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                 |                                           |
| -6°             | 20181        | 5605.8 | 5.3             | 295                  | 349.8              | 400                 | 83.3            | 1480                                      |
|                 | 21984.6      | 6106.8 | 4.06            |                      | 287                |                     | 84.7            |                                           |
|                 | 23690.6      | 6580.7 | 3.27            |                      | 253.7              |                     | 83.3            |                                           |
| -4°             | 21424.4      | 5951.2 | 5.87            |                      | 411.6              | 450                 | 83.3            |                                           |
|                 | 24622.7      | 6839.6 | 4.13            |                      | 323.9              |                     | 85.5            |                                           |
|                 | 26888.9      | 7469.1 | 2.93            |                      | 257.9              |                     | 83.3            |                                           |
| -2°             | 22932.5      | 6370.2 | 6.16            |                      | 461.8              | 500                 | 83.3            |                                           |
|                 | 26821.2      | 7450.3 | 4.23            |                      | 359.6              |                     | 86              |                                           |
|                 | 29269.4      | 8130.4 | 2.96            |                      | 283.6              |                     | 83.3            |                                           |
| 0°              | 24569.9      | 6825   | 6.3             |                      | 506.1              | 560                 | 83.3            |                                           |
|                 | 29019.6      | 8061   | 4.24            |                      | 389.1              |                     | 86.2            |                                           |
|                 | 31371.1      | 8714.2 | 3               |                      | 308.1              |                     | 83.3            |                                           |
| +2°             | 26826.4      | 7451.8 | 6.33            |                      | 555.2              | 630                 | 83.3            |                                           |
|                 | 30778.4      | 8549.6 | 4.46            |                      | 432.4              |                     | 86.6            |                                           |
|                 | 33224        | 9228.9 | 3.24            |                      | 352.6              |                     | 83.3            |                                           |
| +4°             | 29322.1      | 8145   | 6.1             |                      | 585.6              |                     | 83.3            |                                           |
|                 | 32976.9      | 9160.2 | 4.48            |                      | 466.5              |                     | 86.3            |                                           |
|                 | 34983.6      | 9717.7 | 3.55            |                      | 405.8              |                     | 83.3            |                                           |

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**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**
**1600QZ-135**


| 叶片安装角度<br>Angle | 流量Q Capacity |         | 扬程H<br>Head (m) | 速转n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|---------|-----------------|----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)   |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -4°             | 21114.9      | 5865.2  | 5.26            | 295                  | 366.4              | 400                 | 82.6                  | 1480                                      |
|                 | 27278.5      | 7577.3  | 2.9             |                      | 250.6              |                     | 86.1                  |                                           |
|                 | 29236.8      | 8121.3  | 2.09            |                      | 201.2              |                     | 82.6                  |                                           |
| -2°             | 23553.4      | 6542.6  | 5.21            |                      | 404.8              | 450                 | 82.6                  |                                           |
|                 | 29327.4      | 8146.5  | 3.1             |                      | 288.9              |                     | 85.8                  |                                           |
|                 | 31759.8      | 8822.2  | 2.21            |                      | 231.2              |                     | 82.6                  |                                           |
| 0°              | 26006.9      | 7224.1  | 5.16            |                      | 442.7              | 500                 | 82.6                  |                                           |
|                 | 31270.8      | 8686.3  | 3.27            |                      | 337.4              |                     | 82.5                  |                                           |
|                 | 33961.8      | 9433.8  | 2.26            |                      | 252.9              |                     | 82.6                  |                                           |
| +2°             | 29598.3      | 8221.7  | 4.88            |                      | 476.3              | 560                 | 82.6                  |                                           |
|                 | 33689.2      | 9358.1  | 3.39            |                      | 366.9              |                     | 85                    |                                           |
|                 | 36271.9      | 10075.5 | 2.49            |                      | 297.8              |                     | 82.6                  |                                           |
| +4°             | 32596.1      | 9054.5  | 4.91            |                      | 527.7              | 630                 | 82.6                  |                                           |
|                 | 36063.5      | 10017.6 | 3.58            |                      | 416.5              |                     | 84.4                  |                                           |
|                 | 38194.2      | 10609.5 | 2.87            |                      | 361.9              |                     | 82.6                  |                                           |

**1600QZ-160**


| 叶片安装角度<br>Angle | 流量Q Capacity |         | 扬程H<br>Head (m) | 速转n<br>Speed (r/min) | 功率Power(kw)        |                     | 效率 $\eta$<br>Eff. (%) | 叶轮外径 D<br>Outer diameter of impeller (mm) |
|-----------------|--------------|---------|-----------------|----------------------|--------------------|---------------------|-----------------------|-------------------------------------------|
|                 | (m³/h)       | (L/s)   |                 |                      | 轴功率<br>Shaft power | 电机功率<br>Motor power |                       |                                           |
| -2°             | 23873.5      | 6631.5  | 3.56            | 295                  | 282.7              | 315                 | 81.8                  | 1480                                      |
|                 | 27260.9      | 7572.5  | 2.51            |                      | 218.9              |                     | 85.1                  |                                           |
|                 | 29779.4      | 8272.1  | 1.77            |                      | 175.8              |                     | 81.8                  |                                           |
| 0°              | 28200        | 7833.3  | 3.4             |                      | 319.7              | 355                 | 81.8                  |                                           |
|                 | 31657.8      | 8793.8  | 2.52            |                      | 257.5              |                     | 84.4                  |                                           |
|                 | 33656.6      | 9349.1  | 1.83            |                      | 205.4              |                     | 81.8                  |                                           |
| +2°             | 32750.8      | 9097.5  | 3.25            |                      | 354.8              | 400                 | 81.8                  |                                           |
|                 | 35351.2      | 9819.8  | 2.72            |                      | 314.6              |                     | 83.3                  |                                           |
|                 | 37295.5      | 10359.9 | 2.12            |                      | 263.3              |                     | 81.8                  |                                           |

## QZ 系列潜水轴流泵、QH 系列潜水混流泵

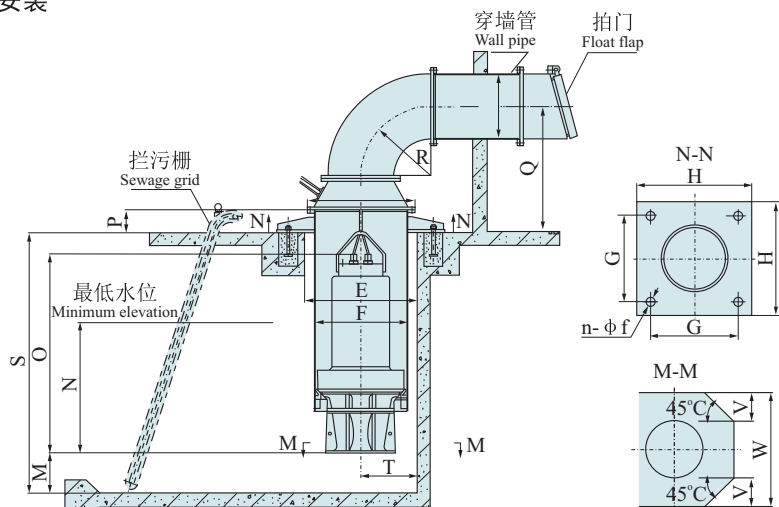
### QZ、QH系列泵安装形式及尺寸 QZ、QH series pump installation and dimension

较小的QZ系列潜水轴流泵、QH系列潜水混流泵采用开敞式进水，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），采用带封闭进水流道的安装形式。

#### 1、悬吊式安装



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。

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

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 not less than dimension Z.

## QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP

### QZ、QH系列泵悬吊式安装尺寸表 QZ、QH series type hanging installation dimension table

表 (一) Table(1)

| 序号<br>No. | 型号<br>Type | ΦA              | ΦD  | ΦE   | ΦF  | G    | H    | n-φf      | R   | M   | N    | O    | P   | Z    | T   | W    | V   | 泵重<br>Pump weight<br>(kg) | 轴向水推力<br>(N) |
|-----------|------------|-----------------|-----|------|-----|------|------|-----------|-----|-----|------|------|-----|------|-----|------|-----|---------------------------|--------------|
| 1         | 350QH-35G  | 400<br>或<br>500 | 755 | 800  | 600 | 1150 | 1350 | 4-M24×400 | 525 | 290 | 900  | 2600 | 200 | 1400 | 420 | 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         | 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<br>或<br>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 系列潜水轴流泵、QH 系列潜水混流泵**
**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)

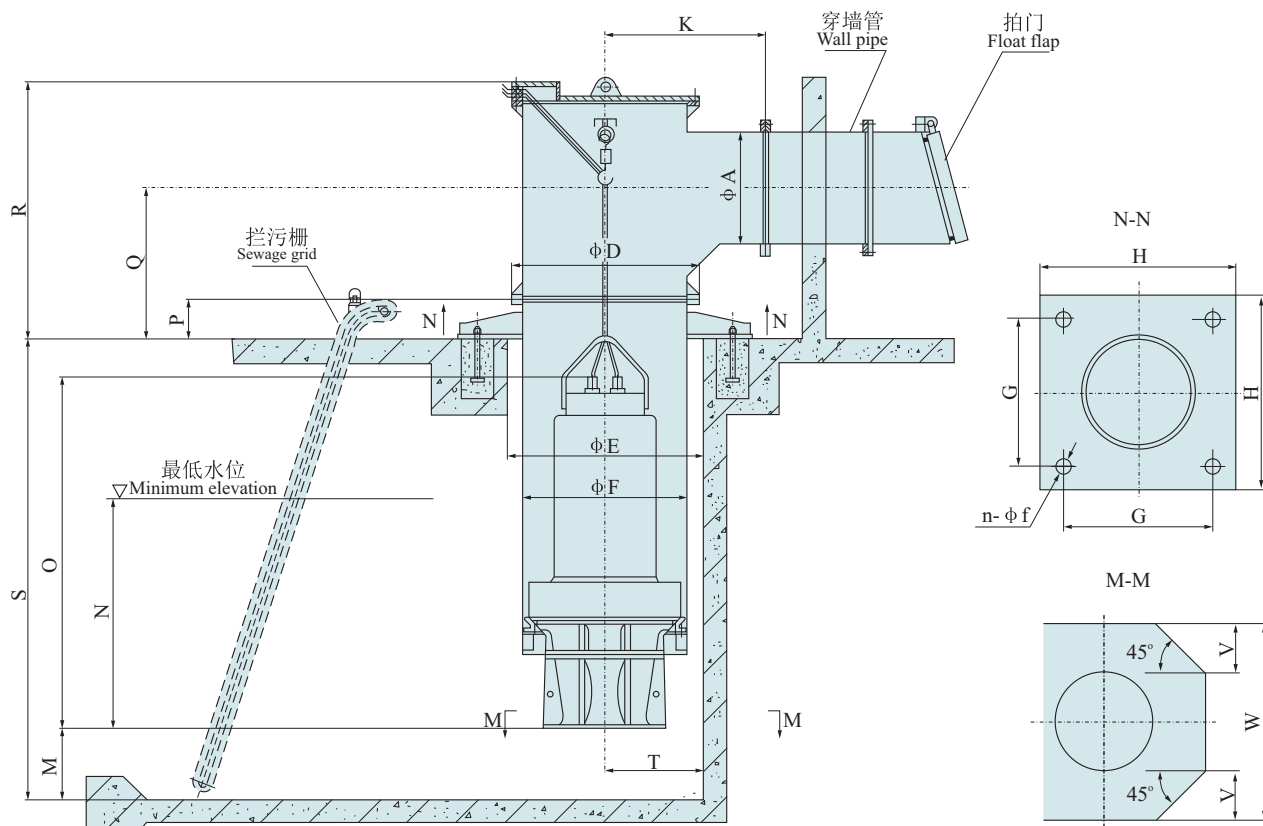
| 序号<br>No. | 型号<br>Type | ΦA                | ΦD   | ΦE   | ΦF   | G    | H    | n-Φf      | R    | M   | N    | O    | P   | Z    | T    | W    | V   | 泵重<br>Pump weight<br>(kg) | 轴向往水推力<br>(N) |
|-----------|------------|-------------------|------|------|------|------|------|-----------|------|-----|------|------|-----|------|------|------|-----|---------------------------|---------------|
| 28        | 500QZ-135D | 600或<br>700       | 975  | 1050 | 800  | 1350 | 1600 | 4-M30×400 | 750  | 430 | 810  | 2015 | 200 | 1800 | 540  | 1800 | 450 | 800                       | 6300          |
| 29        | 600QH-35   | 700<br>或<br>800   | 1175 | 1225 | 1000 | 1600 | 1850 | 4-M30×500 | 900  | 530 | 880  | 3200 | 220 | 2200 | 660  | 2200 | 550 | 2900                      | 45900         |
| 30        | 600QH-40   |                   |      |      |      |      |      |           |      |     | 880  | 3200 |     |      |      |      |     | 2800                      | 43500         |
| 31        | 600QH-72   |                   |      |      |      |      |      |           |      |     | 880  | 2900 |     |      |      |      |     | 2600                      | 22400         |
| 32        | 600QZ-50   |                   |      |      |      |      |      |           |      |     | 880  | 2900 |     |      |      |      |     | 2600                      | 24100         |
| 33        | 600QZ-75   | 800<br>或<br>900   | 1305 | 1365 | 1100 | 1700 | 2000 | 4-M36×500 | 1050 | 580 | 880  | 2570 | 220 | 2400 | 720  | 2400 | 600 | 2100                      | 19900         |
| 34        | 600QZ-100  |                   |      |      |      |      |      |           |      |     | 880  | 2570 |     |      |      |      |     | 2100                      | 16100         |
| 35        | 600QZ-135  |                   |      |      |      |      |      |           |      |     | 880  | 2570 |     |      |      |      |     | 2100                      | 14000         |
| 36        | 700QH-35   | 800<br>或<br>900   | 1305 | 1365 | 1100 | 1700 | 2000 | 4-M36×500 | 1050 | 580 | 1590 | 3800 | 220 | 2400 | 720  | 2400 | 600 | 3300                      | 65000         |
| 37        | 700QH-40   |                   |      |      |      |      |      |           |      |     | 1510 | 3800 |     |      |      |      |     | 3300                      | 61600         |
| 38        | 700QH-72   |                   |      |      |      |      |      |           |      |     | 1280 | 3100 |     |      |      |      |     | 2900                      | 31700         |
| 39        | 700QZ-50   |                   |      |      |      |      |      |           |      |     | 960  | 2900 |     |      |      |      |     | 2900                      | 34200         |
| 40        | 700QZ-75   | 900<br>或<br>1000  | 1405 | 1450 | 1200 | 1900 | 2150 | 4-M36×500 | 1200 | 670 | 1400 | 2850 | 260 | 2800 | 840  | 2800 | 700 | 2500                      | 28300         |
| 41        | 700QZ-100  |                   |      |      |      |      |      |           |      |     | 960  | 2570 |     |      |      |      |     | 2300                      | 22900         |
| 42        | 700QZ-135  |                   |      |      |      |      |      |           |      |     | 1480 | 2570 |     |      |      |      |     | 2300                      | 19900         |
| 43        | 700QZ-160  | 900<br>或<br>1000  | 1405 | 1450 | 1200 | 1900 | 2150 | 4-M36×500 | 1200 | 670 | 1100 | 2570 | 260 | 2800 | 840  | 2800 | 700 | 2200                      | 13900         |
| 44        | 800QH-35   |                   |      |      |      |      |      |           |      |     | 1120 | 4200 |     |      |      |      |     | 4100                      | 76600         |
| 45        | 800QH-40   |                   |      |      |      |      |      |           |      |     | 1120 | 4200 |     |      |      |      |     | 4100                      | 72600         |
| 46        | 800QH-72   |                   |      |      |      |      |      |           |      |     | 1120 | 3100 |     |      |      |      |     | 3900                      | 37400         |
| 47        | 800QZ-50   | 900<br>或<br>1000  | 1405 | 1450 | 1200 | 1900 | 2150 | 4-M36×500 | 1200 | 670 | 1120 | 3100 | 260 | 2800 | 840  | 2800 | 700 | 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  | 1000<br>或<br>1100 | 1520 | 1600 | 1300 | 2000 | 2250 | 4-M36×500 | 1350 | 820 | 1120 | 2900 | 300 | 3400 | 1020 | 3400 | 850 | 2700                      | 16400         |
| 52        | 900QH-35H  |                   |      |      |      |      |      |           |      |     | 1710 | 4400 |     |      |      |      |     | 6500                      | 129600        |
| 53        | 900QH-35D  |                   |      |      |      |      |      |           |      |     | 1360 | 4600 |     |      |      |      |     | 7000                      | 114800        |
| 54        | 900QH-40G  |                   |      |      |      |      |      |           |      |     | 1640 | 4500 |     |      |      |      |     | 6500                      | 122900        |

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**QZ、QH系列泵悬吊式安装尺寸表 QZ、QH series type hanging installation dimension table**

表 (三) Table(3)

| 序号<br>No. | 型号<br>Type | ΦA                | ΦD   | ΦE    | ΦF   | G    | H    | n-Φf      | R    | M   | N    | O    | P   | Z    | T    | W     | V   | 泵重<br>Pump weight<br>(kg) | 轴向水推力<br>(N) |
|-----------|------------|-------------------|------|-------|------|------|------|-----------|------|-----|------|------|-----|------|------|-------|-----|---------------------------|--------------|
| 55        | 900QH-40D  | 1000<br>或<br>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 | 1200              | 1630 | 1700  | 1400 | 2050 | 2300 | 4-M36×500 | 1500 | 840 | 1360 | 3100 | 300 | 3480 | 1040 | 34800 | 870 | 5000                      | 35100        |
| 66        | 900QZ-160G |                   |      |       |      |      |      |           |      |     | 1360 | 3000 |     |      |      |       |     | 4500                      | 27800        |
| 67        | 900QZ-160D |                   |      |       |      |      |      |           |      |     | 1360 | 3100 |     |      |      |       |     | 4500                      | 24600        |
| 68        | 1000QH-35  |                   |      |       |      |      |      |           |      |     | 1390 | 4900 |     |      |      |       |     | 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 | 1400              | 1830 | 19600 | 1600 | 2200 | 2500 | 4-M36×500 | 1800 | 910 | 1390 | 3300 | 300 | 3800 | 1140 | 3800  | 950 | 5200                      | 38500        |
| 75        | 1000QZ-160 |                   |      |       |      |      |      |           |      |     | 1390 | 3300 |     |      |      |       |     | 5200                      | 27000        |
| 76        | 1200QH-72  |                   |      |       |      |      |      |           |      |     | 2630 | 4600 |     |      |      |       |     | 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 系列潜水轴流泵、QH 系列潜水混流泵**
**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**


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、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 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, R are determined upon the detailed conditions of the pump station.

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

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

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

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**QZ、QH系列泵钢制井筒式安装尺寸表 Steel-made well-drum way of installation dimension table**

表 (一) Table(1)

| 序号<br>No. | 型号<br>Type | ΦA              | ΦD  | ΦE   | ΦF  | G    | H    | n-Φf      | K   | M   | N    | O    | P   | Z    | T   | W    | V   | 泵重<br>Pump weight<br>(kg) | 轴向水推力<br>(N) |
|-----------|------------|-----------------|-----|------|-----|------|------|-----------|-----|-----|------|------|-----|------|-----|------|-----|---------------------------|--------------|
| 1         | 350QH-35G  | 400<br>或<br>500 | 755 | 800  | 600 | 1150 | 1350 | 4-M24×400 | 750 | 290 | 900  | 2600 | 200 | 1400 | 420 | 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         | 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<br>或<br>700 | 975 | 1050 | 800 | 1350 | 1600 | 4-M30×400 | 900 | 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 系列潜水轴流泵、QH 系列潜水混流泵**
**QZ、QH系列泵钢制井筒式安装尺寸表 Steel-made well-drum way of installation dimension table**

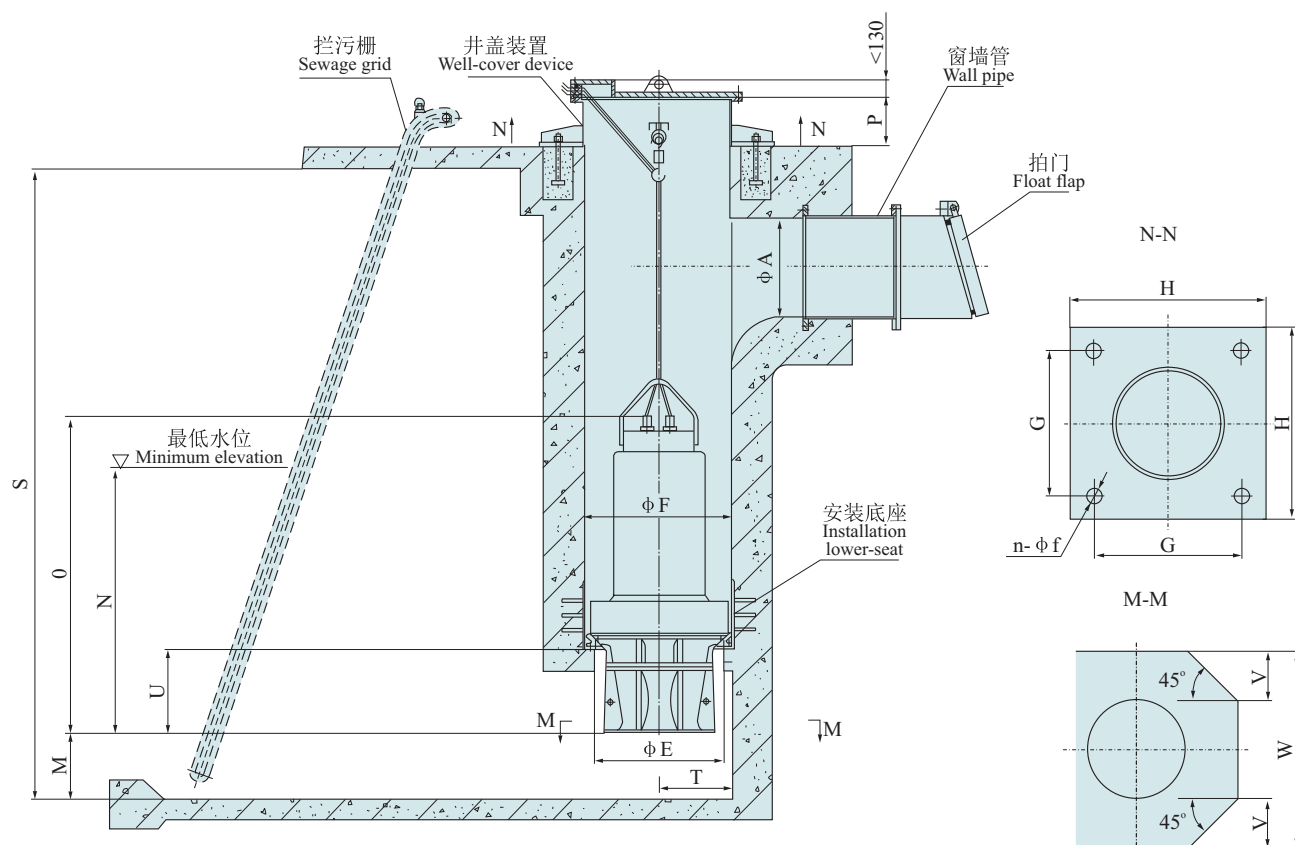
表 (二) Table(2)

| 序号<br>No. | 型号<br>Type | ΦA                | ΦD   | ΦE   | ΦF   | G    | H    | n-Φf      | K    | M   | N    | O    | P   | Z    | T    | W    | V   | 泵重<br>Pump weight<br>(kg) | 轴向水推力<br>(N) |
|-----------|------------|-------------------|------|------|------|------|------|-----------|------|-----|------|------|-----|------|------|------|-----|---------------------------|--------------|
| 28        | 500QZ-135D | 600或700           | 975  | 1050 | 800  | 1350 | 1600 | 4-M30×400 | 900  | 430 | 810  | 2015 | 200 | 1800 | 540  | 1800 | 450 | 800                       | 6300         |
| 29        | 600QH-35   | 700<br>或<br>800   | 1175 | 1225 | 1000 | 1600 | 1850 | 4-M30×500 | 1000 | 530 | 880  | 3200 | 220 | 2200 | 660  | 2200 | 550 | 2900                      | 45900        |
| 30        | 600QH-40   |                   |      |      |      |      |      |           |      |     | 880  | 3200 |     |      |      |      |     | 2800                      | 43500        |
| 31        | 600QH-72   |                   |      |      |      |      |      |           |      |     | 880  | 2900 |     |      |      |      |     | 2600                      | 22400        |
| 32        | 600QZ-50   |                   |      |      |      |      |      |           |      |     | 880  | 2900 |     |      |      |      |     | 2600                      | 24100        |
| 33        | 600QZ-75   | 800<br>或<br>900   | 1305 | 1365 | 1100 | 1700 | 2000 | 4-M36×500 | 1000 | 580 | 880  | 2570 | 220 | 2400 | 720  | 2400 | 600 | 2100                      | 19900        |
| 34        | 600QZ-100  |                   |      |      |      |      |      |           |      |     | 880  | 2570 |     |      |      |      |     | 2100                      | 16100        |
| 35        | 600QZ-135  |                   |      |      |      |      |      |           |      |     | 880  | 2570 |     |      |      |      |     | 2100                      | 14000        |
| 36        | 700QH-35   |                   |      |      |      |      |      |           |      |     | 1590 | 3800 | 220 | 2400 | 720  | 2400 | 600 | 3300                      | 65000        |
| 37        | 700QH-40   | 800<br>或<br>900   | 1305 | 1365 | 1100 | 1700 | 2000 | 4-M36×500 | 1000 | 580 | 1510 | 3800 |     |      |      |      |     | 3300                      | 61600        |
| 38        | 700QH-72   |                   |      |      |      |      |      |           |      |     | 1280 | 3100 |     |      |      |      |     | 2900                      | 31700        |
| 39        | 700QZ-50   |                   |      |      |      |      |      |           |      |     | 960  | 2900 |     |      |      |      |     | 2900                      | 34200        |
| 40        | 700QZ-75   | 900<br>或<br>1000  | 1405 | 1450 | 1200 | 1900 | 2150 | 4-M36×500 | 1100 | 670 | 1400 | 2850 | 260 | 2800 | 840  | 2800 | 700 | 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<br>或<br>1000  | 1405 | 1450 | 1200 | 1900 | 2150 | 4-M36×500 | 1100 | 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   | 1000<br>或<br>1100 | 1520 | 1600 | 1300 | 2000 | 2250 | 4-M36×500 | 1200 | 820 | 1120 | 2900 | 300 | 3400 | 1020 | 3400 | 850 | 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-35G  | 1000<br>或<br>1100 | 1520 | 1600 | 1300 | 2000 | 2250 | 4-M36×500 | 1200 | 820 | 1710 | 4400 | 300 | 3400 | 1020 | 3400 | 850 | 6500                      | 129600       |
| 53        | 900QH-35D  |                   |      |      |      |      |      |           |      |     | 1360 | 4600 |     |      |      |      |     | 7000                      | 114800       |
| 54        | 900QH-40G  |                   |      |      |      |      |      |           |      |     | 1640 | 4500 |     |      |      |      |     | 6500                      | 122900       |

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**QZ、QH系列泵钢制井筒式安装尺寸表 Steel-made well-drum way of installation dimension table**

表 (三) Table(3)

| 序号<br>No. | 型号<br>Type | φA                | φD   | φE   | φF   | G    | H    | n-φf      | K    | M   | N    | O    | P   | Z    | T    | W    | V   | 泵重<br>Pump weight<br>(kg) | 轴向水推力<br>(N) |
|-----------|------------|-------------------|------|------|------|------|------|-----------|------|-----|------|------|-----|------|------|------|-----|---------------------------|--------------|
| 55        | 900QH-40D  | 1000<br>或<br>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 | 1200              | 1630 | 1700 | 1400 | 2050 | 2300 | 4-M36×500 | 1300 | 840 | 1360 | 3100 | 300 | 3480 | 1040 | 3480 | 870 | 5000                      | 35100        |
| 66        | 900QZ-160G |                   |      |      |      |      |      |           |      |     | 1360 | 3000 |     |      |      |      |     | 4500                      | 27800        |
| 67        | 900QZ-160D |                   |      |      |      |      |      |           |      |     | 1360 | 3100 |     |      |      |      |     | 4500                      | 24600        |
| 68        | 1000QH-35  |                   |      |      |      |      |      |           |      |     | 1390 | 4900 |     |      |      |      |     | 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 | 1400              | 1830 | 1900 | 1600 | 2200 | 2500 | 4-M36×500 | 1500 | 910 | 1390 | 3300 | 300 | 3800 | 1140 | 3800 | 950 | 5200                      | 27000        |
| 76        | 1200QH-72  |                   |      |      |      |      |      |           |      |     | 2630 | 4600 |     |      |      |      |     | 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 系列潜水轴流泵、QH 系列潜水混流泵**
**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 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 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 are determined upon the detailed conditions of the pump station.

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

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

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

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**QZ、QH系列泵混凝土预制井筒式安装尺寸表 Prefabricated concrete well pipe installation dimension**

表 (一) Table(1)

| 序号<br>No. | 型号<br>Type | ΦA      | ΦF  | G    | H    | n-Φf      | M   | N    | O    | P   | Z    | T   | W    | V   | U   | ΦE  | 泵重<br>Pump weight<br>(kg) | 轴向水推力<br>(N) |
|-----------|------------|---------|-----|------|------|-----------|-----|------|------|-----|------|-----|------|-----|-----|-----|---------------------------|--------------|
| 1         | 350QH-35G  | 400或500 | 600 | 1000 | 1200 | 4-M24×400 | 290 | 900  | 2600 | 200 | 1250 | 420 | 1250 | 312 | 360 | 540 | 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 | 690 | 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 系列潜水轴流泵、QH 系列潜水混流泵**
**QZ、QH系列泵混凝土预制井筒式安装尺寸表 Prefabricated concrete well pipe installation dimension**

表 (二) Table(2)

| 序号<br>No. | 型号<br>Type | ΦA        | ΦF   | G    | H    | n-Φf      | M   | N    | O    | P   | Z    | T    | W    | V   | U    | ΦE   | 泵重<br>Pump weight<br>(kg) | 轴向水推力<br>(N) |
|-----------|------------|-----------|------|------|------|-----------|-----|------|------|-----|------|------|------|-----|------|------|---------------------------|--------------|
| 28        | 500QZ-135D | 600或700   | 800  | 1150 | 1400 | 4-M30×400 | 430 | 810  | 2015 | 200 | 1800 | 540  | 1800 | 450 | 540  | 680  | 800                       | 6300         |
| 29        | 600QH-35   | 700或800   | 1000 | 1300 | 1550 | 4-M30×500 | 550 | 880  | 3200 | 220 | 2200 | 660  | 2200 | 550 | 660  | 880  | 2900                      | 45900        |
| 30        | 600QH-40   |           |      |      |      |           |     | 880  | 3200 |     |      |      |      |     |      |      | 2800                      | 43500        |
| 31        | 600QH-72   |           |      |      |      |           |     | 880  | 2900 |     |      |      |      |     |      |      | 2600                      | 22400        |
| 32        | 600QZ-50   |           |      |      |      |           |     | 880  | 2900 |     |      |      |      |     |      |      | 2600                      | 24100        |
| 33        | 600QZ-75   |           |      |      |      |           |     | 880  | 2570 |     |      |      |      |     |      |      | 2100                      | 19900        |
| 34        | 600QZ-100  | 800或900   | 1100 | 1350 | 1650 | 4-M36×500 | 580 | 880  | 2570 | 220 | 2400 | 720  | 2400 | 600 | 720  | 950  | 2100                      | 16100        |
| 35        | 600QZ-135  |           |      |      |      |           |     | 880  | 2570 |     |      |      |      |     |      |      | 2100                      | 14000        |
| 36        | 700QH-35   |           |      |      |      |           |     | 1590 | 3800 |     |      |      |      |     |      |      | 3300                      | 65000        |
| 37        | 700QH-40   |           |      |      |      |           |     | 1510 | 3800 |     |      |      |      |     |      |      | 3300                      | 61600        |
| 38        | 700QH-72   |           |      |      |      |           |     | 1280 | 3100 |     |      |      |      |     |      |      | 2900                      | 31700        |
| 39        | 700QZ-50   | 800或900   | 1100 | 1350 | 1650 | 4-M36×500 | 580 | 960  | 2900 | 220 | 2400 | 720  | 2400 | 600 | 720  | 950  | 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  | 1200 | 1450 | 1700 | 4-M36×500 | 670 | 1120 | 4200 | 260 | 2800 | 840  | 2800 | 700 | 840  | 1050 | 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  | 1000或1100 | 1300 | 1500 | 1750 | 4-M36×500 | 820 | 1120 | 2900 | 300 | 3400 | 1020 | 3400 | 850 | 1020 | 1150 | 2850                      | 26900        |
| 50        | 800QZ-135  |           |      |      |      |           |     | 1120 | 2900 |     |      |      |      |     |      |      | 2850                      | 23400        |
| 51        | 800QZ-160  |           |      |      |      |           |     | 1120 | 2900 |     |      |      |      |     |      |      | 2700                      | 16400        |
| 52        | 900QH-35G  |           |      |      |      |           |     | 1710 | 4400 |     |      |      |      |     |      |      | 6500                      | 129600       |
| 53        | 900QH-35D  |           |      |      |      |           |     | 1360 | 4600 |     |      |      |      |     |      |      | 7000                      | 114800       |
| 54        | 900QH-40G  |           |      |      |      |           |     | 1640 | 4500 |     |      |      |      |     |      |      | 6500                      | 122900       |



**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**QZ、QH系列泵混凝土预制井筒式安装尺寸表 Prefabricated concrete well pipe installation dimension**

表 (三) Table(3)

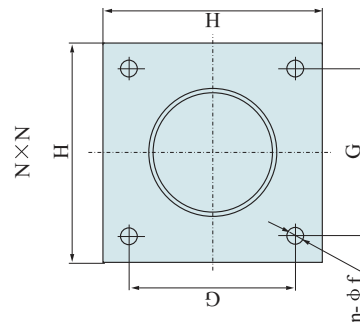
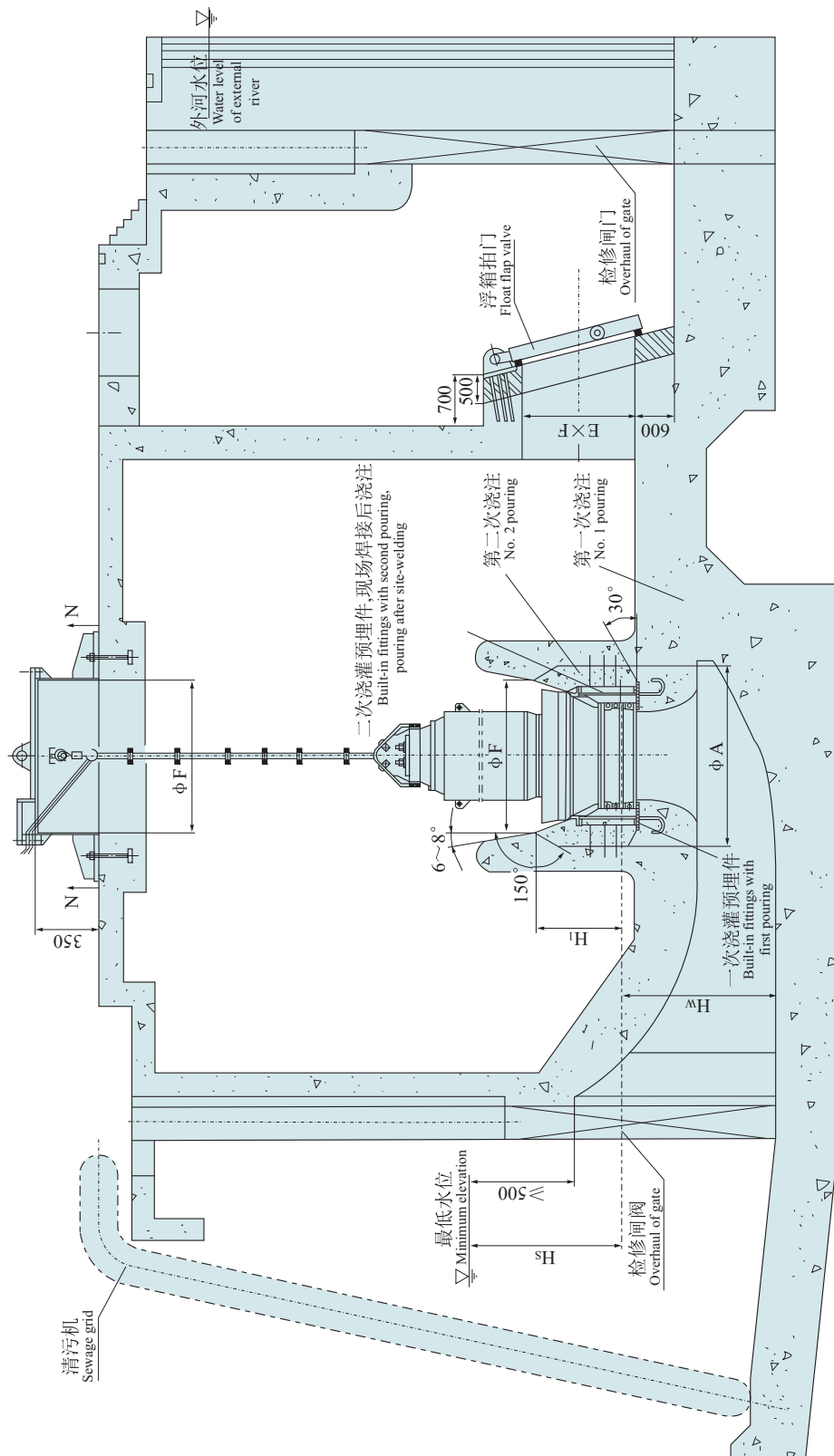
| 序号<br>No. | 型号<br>Type | φA        | φF   | G    | H    | n-φf      | M   | N    | O    | P   | Z    | T    | W    | V   | U    | φE   | 泵重<br>Pump weight<br>(kg) | 轴向水推力<br>(N) |           |      |       |      |     |      |      |      |     |      |      |      |       |
|-----------|------------|-----------|------|------|------|-----------|-----|------|------|-----|------|------|------|-----|------|------|---------------------------|--------------|-----------|------|-------|------|-----|------|------|------|-----|------|------|------|-------|
| 55        | 900QH-40D  | 1000或1100 | 1350 | 1500 | 1750 | 4-M36×500 | 820 | 1360 | 4600 | 300 | 3400 | 1020 | 3400 | 850 | 1020 | 1220 | 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 | 1300 |     |      |      |      |     |      | 820  | 1360                      | 3700         | 1150      | 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      | 1400 | 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 系列潜水轴流泵、QH 系列潜水混流泵

## 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



说明：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）。

淹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。

一般来说,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按规范进行数模证计算,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。

Description: 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 reference only).

The submerged depth, beside the requirements in the table which are required satisfied, should also be higher by at least 500 mm than the inlet edge of the flow-path. Generally, 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 tests; the geometric dimensions of the water-in flow-path are calculated by the designing unit with mathematical models according to the standard, then, after the preliminary 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 SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**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<br>No. | 型号<br>Type | Hw   | Hs   | ΦF   | H <sub>1</sub> | ΦA   | G    | H    | n-Φf      | E-F       | 泵重<br>Pump weight | 轴向水推力<br>D<br>(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 | 1200           | 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 系列潜水轴流泵、QH 系列潜水混流泵

### 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：

#### 1、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。

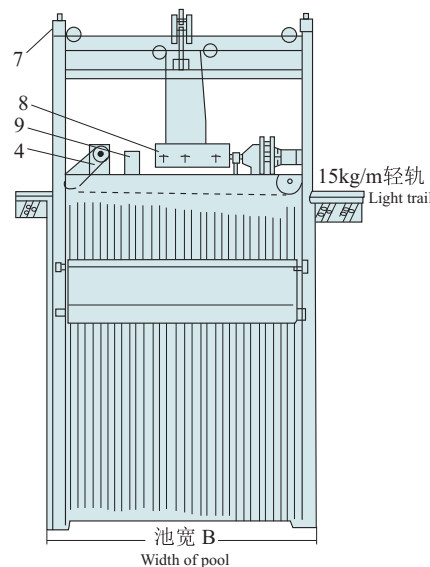
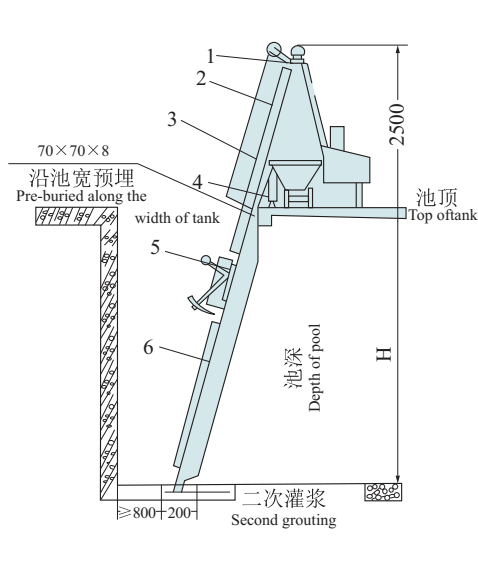
We can support attachment follow attachments on customer's request.

#### 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 drawing of the grille waste removers below.

GS pattern steel cable grille waste remover.

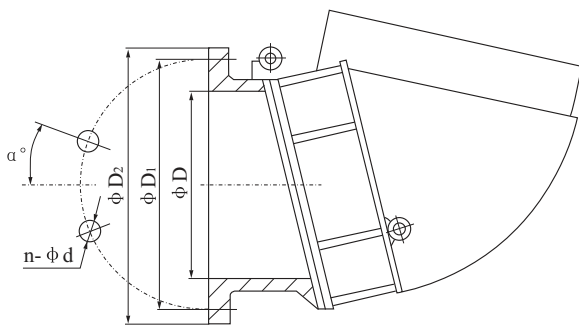
GSE pattern movable grille waste remover.



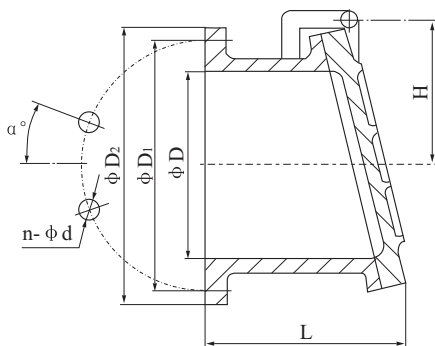
|   |                                 |
|---|---------------------------------|
| 1 | 油压系统<br>Hydraulic press system  |
| 2 | 门形架<br>Gate frame               |
| 3 | 垃圾车<br>Rubbish vehicle          |
| 4 | 行车装置<br>Walking device          |
| 5 | 抓门<br>Grab bucket               |
| 6 | 栅条<br>Bar     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

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

| 型 号<br>Model    | 格栅宽度<br>Grid | 井深(m)<br>Well depth | 栅条间距(mm)<br>Space between bars | 安装角度<br>Installing angle                                       | 电机功率<br>Motor power                                                                                                                         |
|-----------------|--------------|---------------------|--------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| GS<br>GSE -1000 | 1000         | 2~12                | 20~100                         | 60°~75°，特<br>殊情况时可用90°<br>60°~75°，90°<br>for special condition | 升降电机1.1~1.5kW，控制电机<br>0.75kW，行走电机0.8/0.4kW(双速)<br>Elevting motor 1.1~1.5kW,<br>Control moto0.75kW, Walking<br>motor 0.8/0.4kW(Double-speed) |
| GS<br>GSE -1250 | 1250         |                     |                                |                                                                |                                                                                                                                             |
| GS<br>GSE -1500 | 1500         |                     |                                |                                                                |                                                                                                                                             |
| GS<br>GSE -1750 | 1750         |                     |                                |                                                                |                                                                                                                                             |
| GS<br>GSE -2000 | 2000         |                     |                                |                                                                |                                                                                                                                             |

**QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP**
**QZ、QH系列泵各种附件附图 QZ、QH series pump various of attachments drawing**
**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<br>Discharge caliber<br>of well pipe | φ D  | φ D <sub>1</sub> | φ D <sub>2</sub> | n-φ d | 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   |

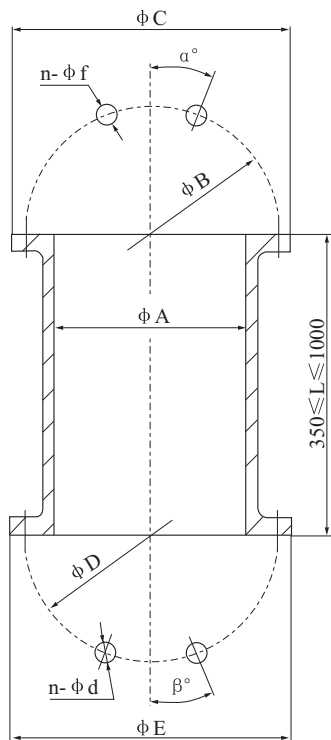
**B.配重式拍门外形图及联接尺寸表**

**B. Appearance and connection dimension for Alocated heavy flap valve**

| 井筒出水中径<br>Discharge caliber<br>of well pipe | φ D  | φ D <sub>1</sub> | φ D <sub>2</sub> | L   | H   | n-φ d | 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 系列潜水轴流泵、QH 系列潜水混流泵

### QZ、QH系列泵各种附件附图 QZ、QH series pump various of attachments drawing

#### 3. 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<br>Wall Pipe<br>Specification | $\phi A$ | $\phi B$ | $\phi C$ | $n-\phi f$ | $\alpha^\circ$ | $\phi D$ | $\phi E$ | $n-\phi d$ | $\beta^\circ$ |
|-------------------------------------|----------|----------|----------|------------|----------------|----------|----------|------------|---------------|
| 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）

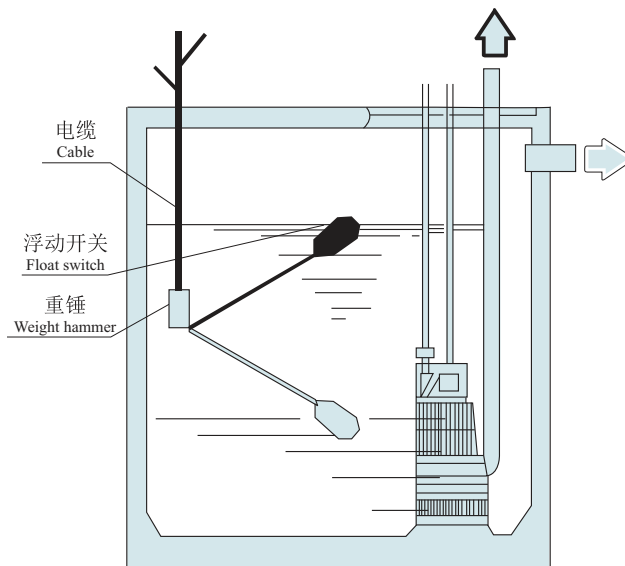
Note: L is the length of pre-buried pipe and delided by customers(350≤L≤1000)

#### 4. 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 theoperation of pump automatically according to fluctuation of water level.



## QZ SERIES AXIAL-FLOW PUMP、QH SERIES MIXED-FLOW PUMP

### QZ、QH系列泵各种附件附图 QZ、QH series pump various of attachments drawing

#### 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. 空气相对湿度不超过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 and 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载体，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。

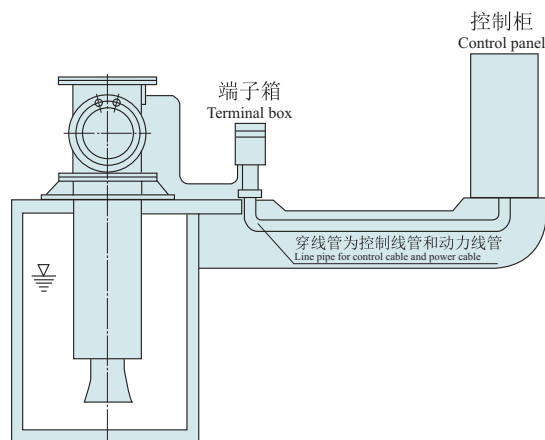
#### 5. Control panel

- ① Usage: Special control panel for QZ series axial flow pump has automatic protection system. It can check out mistakes like short circuit of main electric wires, lacking phrase, overload and can operate standby pump automatically and send out signal. All these can be done without human beings supervision. We have single control handle change type, handle change type with one running and one standby, automatic change fixed time with one running and one standby, alternatively automatic change type with one running and one standby, handle change type with two running and one standby, handle change type with three running and one standby, and so on. We can meet different requirements of customers.
- ② Application conditions: a. Ambient temperature from -25℃ to +40℃; b. Relative humidity below 85%; c. Operation place with no explosion risk, no metal fumes and isolation against gases, conductive dust.

#### 6. Terminal box

Using terminal box is for easy installation. The connection carrier between pump and control panel is expanded as an appendix control panel (still is a terminal box) which can carry signals and have some control functions. This can solve the problem of long distance between central control room and pump housing. Based on connection type and control type. We also have indoor type.

泵房布置简图 Pump station arrangement





## QZ 系列潜水轴流泵、QH 系列潜水混流泵

说明:

- 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。
7. 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 cable diameter and number.
- 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 long distance transmission without attenuation.
- 7.We can also support sluice gate headstock gate etc. Attachments on customer's request.

## 订货须知 Instrument to order

- 1、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）。
- 2、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。
- 3、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。
- 4、若有其他特殊要求，签订合同前请与本公司生产技术部联系，签订合同时应明确注明。

- 1.Please give clear indication of correct 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 given clear indication of start mode (direct start, decreasing voltage start, control silicon soft start), number of controlled pump (1 cabinet controls 1 pump, 1 cabinet controls 2 pumps, 1 cabinet controls 3 pumps, 1 cabinet controls 4 pumps, etc), elevation control mode (floating ball elevation, pressure sensor elevation and others). If you need terminal box, please give clear indication of whether it is used for control or connecting cables and whether it is used for indoor or outdoor.
- 3.The length of submersible cable we should supply is 10 meters long, please give clear indication if you have special requirement.
- 4.If you have other particular requests, please contact with technical department of our company without hesitation before signing contract and give clear indication when signing contract.

## 管路损耗参考表 Reference table for pipeline loss

一定管路直径之最大流量限制

注：超过此限使管路损失显著增加。

注: 例如100mm直径管, 底阀折合100倍直径等于 $100 \times 100 = 10000\text{mm} = 10\text{m}$ 直径长度, 假定流量为 $8\text{L/s}$ 查上表, 直管每100m损失1.3m, 则10m损失0.13m, 即一个100mm底阀, 流量为 $8\text{L/s}$ 时, 损失扬程0.13m。

Note: For instance, a 100mm diameter pipe, the foot valve has a  $100 \times 100 = 10000\text{mm} = 10\text{m}$  diameter when which is converted into 100 times that of the pipe's diameter. Suppose the flow is  $8\text{L/s}$  Looked into the above table, the loss of the straight pipe is 1.3m each 100m, then the one for 100mm is 0.13m, that is, for a 100mm foot valve with a flow  $8\text{L/s}$ , its head loss is 0.13m.