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*ZQB Type Submersible Axial-Flow Pump*  
*HQB Type Submersible Mixed-Flow Pump*  
**ZQB 型潜水轴流泵**  
**HQB 型潜水混流泵**



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## 潜水轴流泵和潜水混流泵 Submersible axial-flow pump and Submersible mixed-flow pump

### 概述 Overview

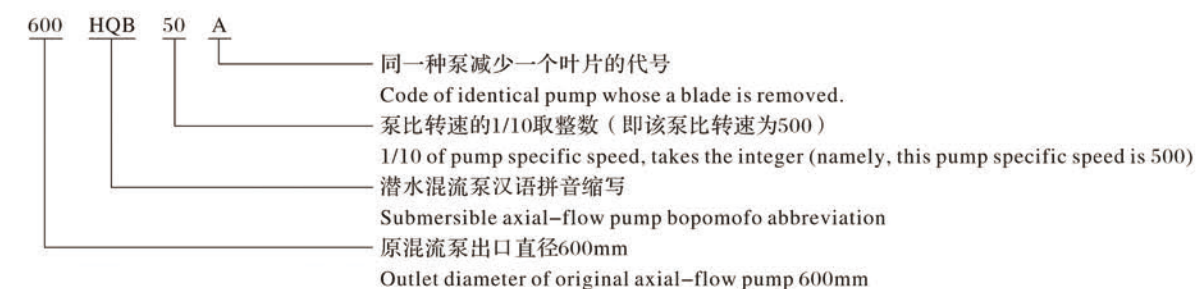
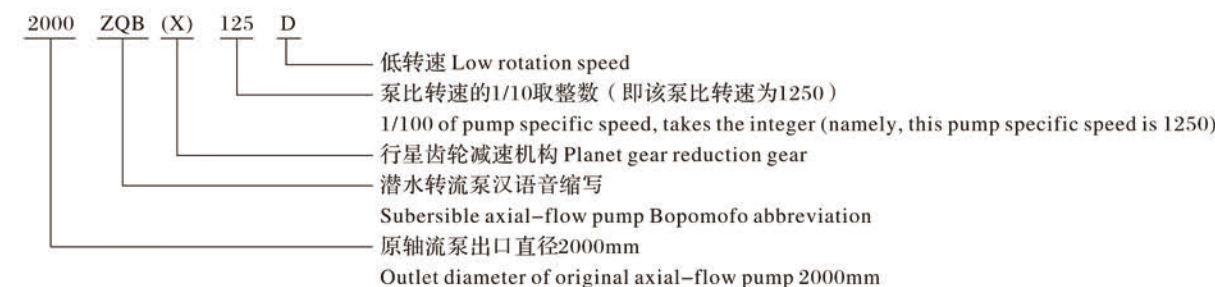
ZQB型潜水轴流泵和HQB型潜水混流泵是传统的水泵—电动机组的更新换代产品，机泵一体可长期潜入水中运行，具有一系列突出的优点。

- 1、由于泵潜入水中运行，大大简化了泵站的土工及建筑结构工程，减少安装面积，可节省工程总价的30~40%。
- 2、由于水泵和电机一体，无须在现场进行轴对中心的装配工序，安装方便、快速。
- 3、噪声低、泵站内无高温，改善工作条件，也可按要求建成全地下泵站，保持地面的环境风貌。
- 4、操作方便，无须在开机前润滑水泵的橡胶轴承，而且可实现遥控和自动控制。
- 5、可解决在水位涨落大的沿江、湖泊地区建泵站的电机防洪问题。
- 6、ZQB·HQB型潜水电泵、可供农田排灌、工矿船坞、城市建设、电站给排水用。ZQB型潜水轴流泵适用低扬程，大流量场合，HQB型潜水混流泵效率高、汽蚀性能好，适用水位变动较大及扬程要求较高的场合。输送介质为水或物理化学性质类似于水的其他液体，其最高被输送液体温度为40℃。

ZQB type submersible axial-flow pump and HQB type submersible mixed-flow pump are the renewal products taking the place of traditional pump motor unit, with following visual features:

1. By reason that the pump can run in the water, it is helpful for simplifying the earth work and building engineering of pumping station, reducing installation area, and saving 30~40% of project total price.
2. For integration of water pump and motor, it is unwanted to perform axis-to-center assembly procedure on site, very convenient and expeditions to install.
3. Low noise, no high temperature brought in the pumping station, it is available in building full underground pumping station according to requirements to keep the ground environment.
4. Convenience in operation, it is not necessary to lubricate the rubber bearing of pump prior to turning on the machine, in addition, remote control and auto control are realized.
5. Can solve the flood resistance problem of the river and lake with large fluctuation of water level.
6. ZQB·HQB type submersible axial-flow pump is suitable for the occasion of low head and large flow, and HQB type submersible mixed-flow pump is of high efficiency and perfect cavitation performance, suitable for the occasions of large fluctuation of water level and high head. The transmission medium is the water or other liquid similar to the water on physical and chemical property, the max temperature of transmitted liquid is 40℃.

### 电泵型号举例说明 Model description of electric pump





**潜水轴流泵、混流泵结构示意图**

Submersible axial-flow pump, Mixed-flow pump model drawing

神龙的轴流泵和混流泵，电机和水力部件采用模块化设计  
The motor and hydraulic part of Shenlong axial-flow pump and mixed-flow pump are designed into modularization

防水电机，防护IP68，定子绝缘等级F，设有温度传感器。转子和主轴经过动平衡测试。

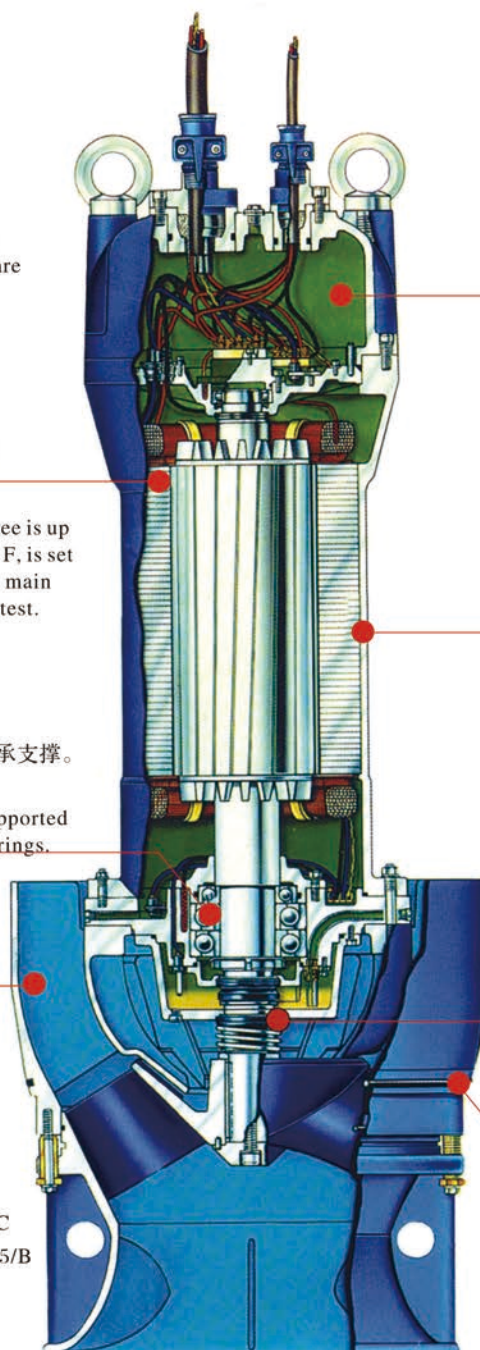
Waterproof motor, whose protection degree is up to IP168, stator insulation degree reaches F, is set with the temperature sensor, the rotor and main axis are subject to the dynamic balancing test.

主轴上、下端用终身润滑滚珠和滚子轴承支撑。上、下端轴承处均设有温度传感器。  
The top and bottom end of main axis is supported by lifelong lubricating ball and roller bearings. At the top and bottom bearing, there is a temperature sensor set.

水力部件带有导流扩散器、进水侧间隙可调节。  
The hydraulic part is equipped with diffuser, the gap of water inlet side can be adjusted.

在生产过程中，所有水泵都按ISO2548/C标准进行常规性能测试，也可按ISO3555/B进行性能测试。

In the process of production, all water pumps are subject to the normal performance test according to standards ISO2548/C or ISO3555/B



防水接线室，防护等级IP68，电缆进口有防拉紧，防缠保护和双重密封。  
Waterproof connection room protection degree reaches IP68, the cable inlet is featured with tightening resistance, wrapping resistance and double sealing.

电机浸没在介质中，直接冷却效果最好。  
The motor is submersed into the medium, the best direct cooling efficiency is taken.

高质量的固体碳化硅机械密封，确保泵主轴的密封。  
High-quality solid silicon carbide mechanical sealing is used to make sure the sealing of pump main axis.

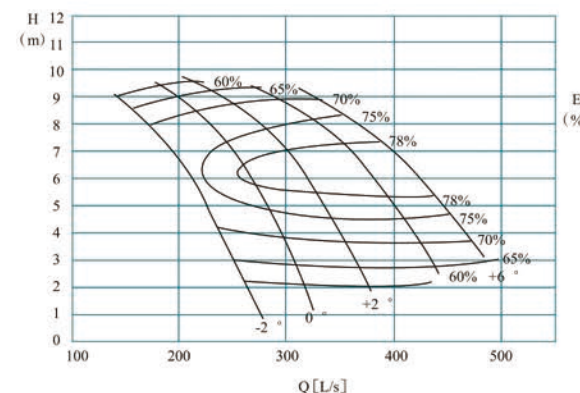
自动对中耦合机构确保水泵不会转动和密封良好。  
Automatic alignment to the coupling structure makes suer the pump can't rotate and has perfect sealing.

**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

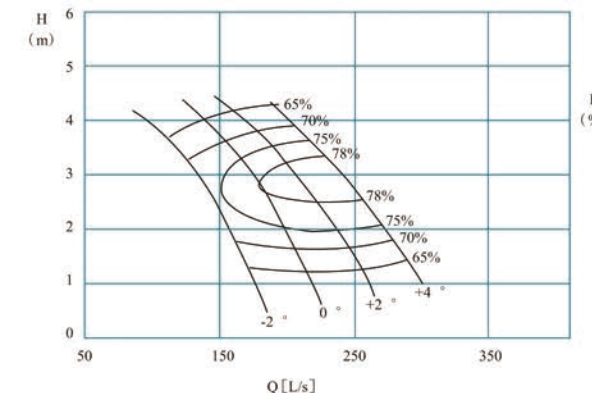
350ZQB-70型潜水轴流泵性能曲线图

350ZQB-70 type submersible axial pump performance curve



350ZQB-70D型潜水轴流泵性能曲线图

350ZQB-70D type submersible axial pump performance curve



350ZQB-70型潜水轴流泵性能表

350ZQB-70 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |     | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|-----|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -2°                              | 684             | 190 | 6.9              | 1450                  | 71                | 18.1               | 18.5                | 300                                |
|                                  | 828             | 230 | 4.77             |                       | 72.4              | 14.9               |                     |                                    |
|                                  | 900             | 250 | 3.42             |                       | 68                | 12.3               |                     |                                    |
| 0°                               | 763             | 212 | 8.67             |                       | 71                | 25.4               | 30                  |                                    |
|                                  | 957             | 266 | 6.21             |                       | 79                | 20.5               |                     |                                    |
|                                  | 1090            | 303 | 3.59             |                       | 71                | 14.4               |                     |                                    |
| +2°                              | 971             | 270 | 8.3              |                       | 75.7              | 29.0               | 30                  |                                    |
|                                  | 1115            | 310 | 6.36             |                       | 78.5              | 24.6               |                     |                                    |
|                                  | 1250            | 347 | 4.52             |                       | 75                | 20.5               |                     |                                    |
| +4°                              | 1170            | 325 | 7.8              |                       | 75.5              | 32.9               | 37                  |                                    |
|                                  | 1314            | 365 | 6.3              |                       | 79                | 28.6               |                     |                                    |
|                                  | 1440            | 400 | 4.71             |                       | 75                | 24.6               |                     |                                    |
| +6°                              | 1314            | 365 | 8.1              | 74.7                  | 38.8              | 40                 |                     |                                    |
|                                  | 1430            | 397 | 6.94             | 75.7                  | 35.8              |                    |                     |                                    |
|                                  | 1540            | 428 | 5.8              | 75.8                  | 32.1              |                    |                     |                                    |

350ZQB-70D型潜水轴流泵性能表

350ZQB-70D type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |     | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|-----|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -2°                              | 450             | 125 | 3.36             | 980                   | 67                | 6.1                | 7.5                 | 300                                |
|                                  | 554             | 154 | 2.16             |                       | 70.2              | 4.6                |                     |                                    |
|                                  | 602             | 167 | 1.54             |                       | 65.5              | 3.9                |                     |                                    |
| 0°                               | 515             | 143 | 3.94             |                       | 68.9              | 8.0                | 9                   |                                    |
|                                  | 648             | 180 | 2.84             |                       | 77.4              | 6.5                |                     |                                    |
|                                  | 784             | 218 | 1.64             |                       | 72                | 4.9                |                     |                                    |
| +2°                              | 680             | 189 | 3.5              |                       | 75                | 8.6                | 9                   |                                    |
|                                  | 756             | 210 | 2.9              |                       | 76.8              | 7.8                |                     |                                    |
|                                  | 846             | 235 | 2.06             |                       | 73                | 6.5                |                     |                                    |
| +4°                              | 789             | 219 | 3.52             |                       | 78.5              | 9.6                | 11                  |                                    |
|                                  | 882             | 245 | 2.84             |                       | 77.6              | 8.8                |                     |                                    |
|                                  | 905             | 251 | 2.22             |                       | 74.4              | 7.4                |                     |                                    |

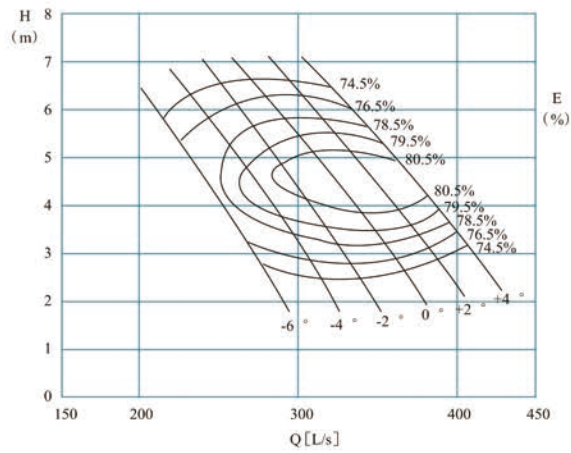


**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

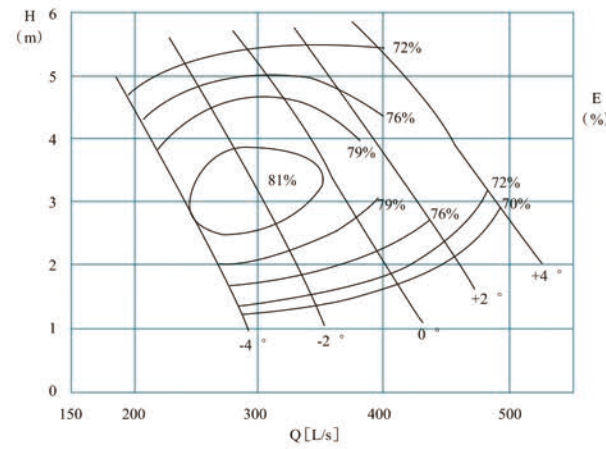
350ZQB-100型潜水轴流泵性能曲线图

350ZQB-100 type submersible axial pump performance curve



350ZQB-125型潜水轴流泵性能曲线图

350ZQB-125 type submersible axial pump performance curve



350ZQB-100型潜水轴流泵性能表

350ZQB-100 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |     | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |    |
|----------------------------------|-----------------|-----|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|----|
|                                  | m³/h            | L/s |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |    |
| -6°                              | 810             | 225 | 5.4              | 1450                  | 76.5              | 15.6               | 18.5                | 300                                |    |
|                                  | 900             | 250 | 4.03             |                       | 78.4              | 12.6               |                     |                                    |    |
|                                  | 972             | 270 | 3.2              |                       | 76.5              | 11.1               |                     |                                    |    |
| -4°                              | 878             | 244 | 5.8              |                       | 76.5              | 18.1               |                     |                                    |    |
|                                  | 1008            | 280 | 4.1              |                       | 79.6              | 14.1               |                     |                                    |    |
|                                  | 1080            | 300 | 3.2              |                       | 76.5              | 12.3               |                     |                                    |    |
| -2°                              | 954             | 265 | 5.83             |                       | 77.5              | 19.6               | 22                  |                                    |    |
|                                  | 1080            | 300 | 4.5              |                       | 80.2              | 15.4               |                     |                                    |    |
|                                  | 1188            | 330 | 2.9              |                       | 77.5              | 12.1               |                     |                                    |    |
| 0°                               | 1033            | 287 | 6.0              |                       | 77.5              | 21.8               |                     |                                    | 30 |
|                                  | 1188            | 330 | 4.21             |                       | 80.5              | 16.9               |                     |                                    |    |
|                                  | 1285            | 357 | 2.89             |                       | 77.5              | 13.1               |                     |                                    |    |
| +2°                              | 1091            | 303 | 6.0              | 79.7                  | 23.3              | 30                 |                     |                                    |    |
|                                  | 1260            | 350 | 4.43             | 81                    | 18.8              |                    |                     |                                    |    |
|                                  | 1368            | 380 | 3.2              | 76.5                  | 15.6              |                    |                     |                                    |    |
| +4°                              | 1170            | 325 | 6.4              | 75.5                  | 27.0              |                    | 30                  |                                    |    |
|                                  | 1350            | 375 | 4.45             | 80.7                  | 20.3              |                    |                     |                                    |    |
|                                  | 1440            | 400 | 3.4              | 76.5                  | 17.4              |                    |                     |                                    |    |

350ZQB-125型潜水轴流泵性能表

350ZQB-125 type submersible axial pump performance data

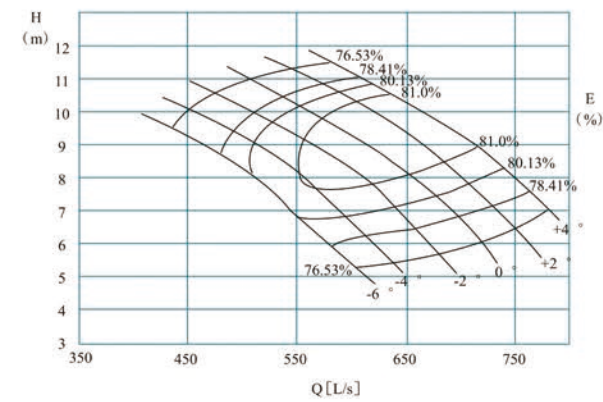
| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |     | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|-----|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 791             | 220 | 3.78             | 1450                  | 79.1              | 10.3               | 11                  | 300                                |
|                                  | 896             | 249 | 2.72             |                       | 81.1              | 8.2                |                     |                                    |
|                                  | 1005            | 279 | 1.39             |                       | 70.2              | 5.4                |                     |                                    |
| -2°                              | 900             | 250 | 4.6              |                       | 78                | 14.5               | 15                  |                                    |
|                                  | 1113            | 309 | 2.84             |                       | 81.7              | 10.5               |                     |                                    |
|                                  | 1262            | 351 | 1.18             |                       | 65.3              | 6.2                |                     |                                    |
| 0°                               | 1111            | 309 | 5.02             |                       | 75.6              | 20.1               | 22                  |                                    |
|                                  | 1304            | 362 | 3.35             |                       | 80.1              | 14.9               |                     |                                    |
|                                  | 1534            | 426 | 1.22             |                       | 64.6              | 7.9                |                     |                                    |
| +2°                              | 1163            | 323 | 5.89             |                       | 70                | 26.7               | 30                  |                                    |
|                                  | 1453            | 404 | 3.8              |                       | 78.6              | 19.1               |                     |                                    |
|                                  | 1649            | 458 | 2.05             |                       | 70.3              | 13.1               |                     |                                    |
| +4°                              | 1440            | 400 | 5.35             | 72                    | 29.2              | 30                 |                     |                                    |
|                                  | 1651            | 459 | 3.91             | 72.9                  | 24.1              |                    |                     |                                    |
|                                  | 1782            | 495 | 2.84             | 70.9                  | 19.5              |                    |                     |                                    |

**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

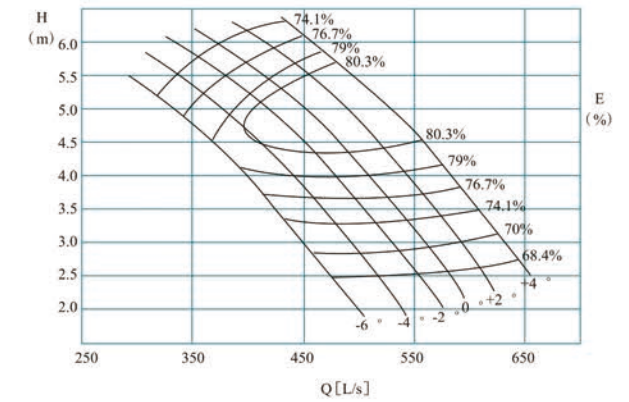
500ZQB-50型潜水轴流泵性能曲线图

500ZQB-50 type submersible axial pump performance curve



500ZQB-50D型潜水轴流泵性能曲线图

500ZQB-50D type submersible axial pump performance curve



500ZQB-50型潜水轴流泵性能表

500ZQB-50 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |     | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|-----|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -6°                              | 1522            | 423 | 9.78             | 980                   | 75.6              | 53.7               | 55                  | 450                                |
|                                  | 1843            | 512 | 8                |                       | 80.2              | 50.1               |                     |                                    |
|                                  | 1981            | 550 | 6.85             |                       | 78.3              | 47.2               |                     |                                    |
| -4°                              | 1600            | 444 | 10.12            |                       | 75.6              | 58.4               | 65                  |                                    |
|                                  | 1987            | 552 | 8.25             |                       | 81                | 55.1               |                     |                                    |
|                                  | 2183            | 606 | 6.65             |                       | 78.3              | 50.5               |                     |                                    |
| -2°                              | 1698            | 472 | 10.48            |                       | 75.6              | 64.1               | 75                  |                                    |
|                                  | 2131            | 592 | 8.5              |                       | 81                | 60.9               |                     |                                    |
|                                  | 2368            | 658 | 6.61             |                       | 78.3              | 54.5               |                     |                                    |
| 0°                               | 1801            | 500 | 10.82            |                       | 75.6              | 70.2               | 90                  |                                    |
|                                  | 2300            | 639 | 8.54             |                       | 81                | 66.1               |                     |                                    |
|                                  | 2536            | 704 | 6.67             |                       | 78.3              | 58.9               |                     |                                    |
| +2°                              | 2212            | 614 | 10.02            | 81                    | 74.6              | 90                 |                     |                                    |
|                                  | 2430            | 675 | 8.7              | 81.5                  | 70.7              |                    |                     |                                    |
|                                  | 2683            | 745 | 6.8              | 78.3                  | 63.5              |                    |                     |                                    |
| +4°                              | 2170            | 603 | 11.06            | 75.6                  | 86.5              | 90                 |                     |                                    |
|                                  | 2556            | 710 | 9                | 81.5                  | 76.9              |                    |                     |                                    |
|                                  | 2826            | 785 | 7.04             | 78.3                  | 69.2              |                    |                     |                                    |

500ZQB-50D型潜水轴流泵性能表

500ZQB-50D type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |     | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|-----|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -6°                              | 1115            | 310 | 5.32             | 730                   | 74.7              | 21.6               | 22                  | 450                                |
|                                  | 1373            | 381 | 4.44             |                       | 79.4              | 20.9               |                     |                                    |
|                                  | 1476            | 410 | 3.8              |                       | 77.5              | 19.7               |                     |                                    |
| -4°                              | 1192            | 331 | 5.62             |                       | 74.7              | 24.4               | 30                  |                                    |
|                                  | 1480            | 411 | 4.58             |                       | 8.03              | 23.0               |                     |                                    |
|                                  | 1626            | 452 | 3.69             |                       | 77.5              | 21.1               |                     |                                    |
| -2°                              | 1265            | 351 | 5.82             |                       | 74.7              | 26.9               | 30                  |                                    |
|                                  | 1588            | 441 | 4.72             |                       | 80.3              | 25.4               |                     |                                    |
|                                  | 1764            | 490 | 3.68             |                       | 77.5              | 22.8               |                     |                                    |
| 0°                               | 1342            | 373 | 6                |                       | 74.7              | 29.4               | 37                  |                                    |
|                                  | 1716            | 476 | 4.74             |                       | 80.3              | 27.6               |                     |                                    |
|                                  | 1889            | 525 | 3.7              |                       | 77.5              | 24.6               |                     |                                    |
| +2°                              | 1675            | 458 | 5.56             | 80.3                  | 31.1              | 37                 |                     |                                    |
|                                  | 1810            | 503 | 4.83             | 80.7                  | 29.5              |                    |                     |                                    |
|                                  | 1999            | 555 | 3.77             | 77.5                  | 26.5              |                    |                     |                                    |
| +4°                              | 1617            | 449 | 6.15             | 74.7                  | 36.2              | 37                 |                     |                                    |
|                                  | 1904            | 529 | 4.99             | 80.7                  | 32.1              |                    |                     |                                    |
|                                  | 2105            | 585 | 3.9              | 77.5                  | 28.9              |                    |                     |                                    |

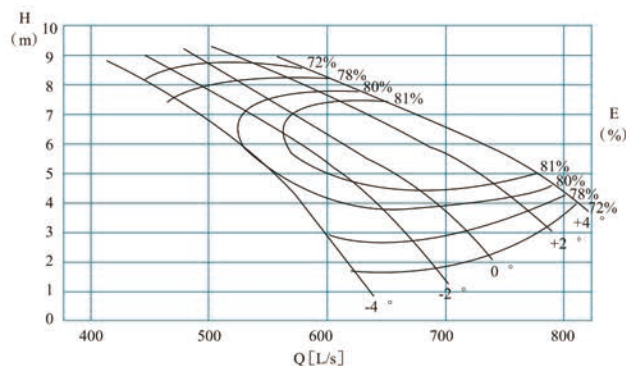


**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

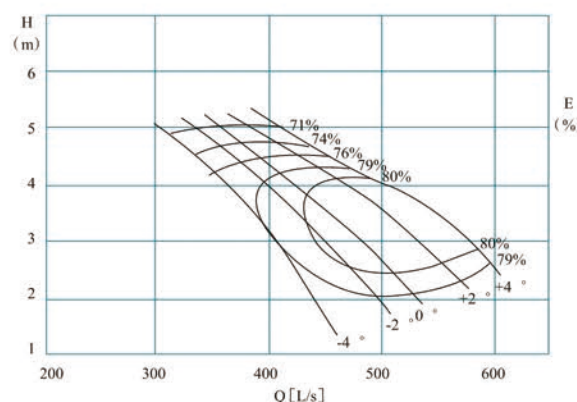
500ZQB-70型潜水轴流泵性能曲线图

500ZQB-70 type submersible axial pump performance curve



500ZQB-70D型潜水轴流泵性能曲线图

500ZQB-70D type submersible axial pump performance curve



500ZQB-70型潜水轴流泵性能表

500ZQB-70 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |     | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|-----|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 1370              | 381 | 9.44             | 980                   | 70                | 50.3               | 55                  | 450                                |
|                                  | 1760              | 489 | 7                |                       | 79.6              | 42.2               |                     |                                    |
|                                  | 2050              | 569 | 4.35             |                       | 78.5              | 31.0               |                     |                                    |
| -2°                              | 1720              | 478 | 8.2              | 74.5                  | 51.6              | 30                 | 450                 |                                    |
|                                  | 2010              | 558 | 6.43             | 80                    | 44.0              |                    |                     |                                    |
|                                  | 2250              | 625 | 4.9              | 73.5                  | 40.9              |                    |                     |                                    |
| 0°                               | 2099              | 583 | 7                | 79.9                  | 50.1              | 730                | 30                  | 450                                |
|                                  | 2160              | 600 | 6.3              | 81.2                  | 45.7              |                    |                     |                                    |
|                                  | 2510              | 697 | 3.9              | 77                    | 34.6              |                    |                     |                                    |
| +2°                              | 2340              | 650 | 6.6              | 81.5                  | 51.6              | 980                | 55                  | 450                                |
|                                  | 2560              | 711 | 5.6              | 82                    | 47.6              |                    |                     |                                    |
|                                  | 2660              | 739 | 4.67             | 81.5                  | 41.5              |                    |                     |                                    |
| +4°                              | 2556              | 710 | 6.2              | 82.2                  | 52.5              | 730                | 30                  | 450                                |
|                                  | 2700              | 750 | 5.6              | 83                    | 49.6              |                    |                     |                                    |
|                                  | 2858              | 794 | 4.4              | 79                    | 43.4              |                    |                     |                                    |

500ZQB-70D型潜水轴流泵性能表

500ZQB-70D type submersible axial pump performance data

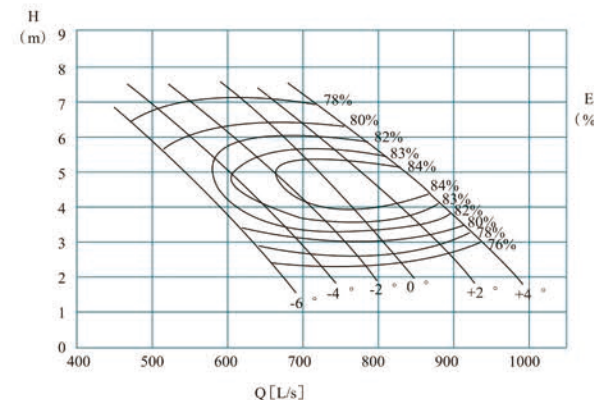
| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |     | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|-----|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 1020              | 283 | 5.32             | 980                   | 68.2              | 21.7               | 30                  | 450                                |
|                                  | 1310              | 364 | 3.95             |                       | 78.4              | 18.0               |                     |                                    |
|                                  | 1530              | 425 | 2.45             |                       | 77.2              | 13.2               |                     |                                    |
| -2°                              | 1170              | 325 | 5.16             | 73                    | 22.5              | 730                | 30                  | 450                                |
|                                  | 1500              | 417 | 3.62             | 78.8                  | 18.8              |                    |                     |                                    |
|                                  | 1675              | 465 | 2.76             | 71.9                  | 17.5              |                    |                     |                                    |
| 0°                               | 1480              | 411 | 4.16             | 77.8                  | 21.6              | 980                | 55                  | 450                                |
|                                  | 1610              | 447 | 3.56             | 80.1                  | 19.5              |                    |                     |                                    |
|                                  | 1870              | 519 | 2.16             | 75.6                  | 14.6              |                    |                     |                                    |
| +2°                              | 1710              | 475 | 3.95             | 80.4                  | 22.9              | 730                | 30                  | 450                                |
|                                  | 1910              | 531 | 3.1              | 80.9                  | 19.9              |                    |                     |                                    |
|                                  | 1990              | 553 | 2.63             | 80.4                  | 17.7              |                    |                     |                                    |
| +4°                              | 1640              | 456 | 4.44             | 75.4                  | 26.3              | 980                | 55                  | 450                                |
|                                  | 1680              | 517 | 3.52             | 82                    | 21.8              |                    |                     |                                    |
|                                  | 2100              | 583 | 2.82             | 81.5                  | 19.8              |                    |                     |                                    |

**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

500ZQB-100型潜水轴流泵性能曲线图

500ZQB-100 type submersible axial pump performance curve



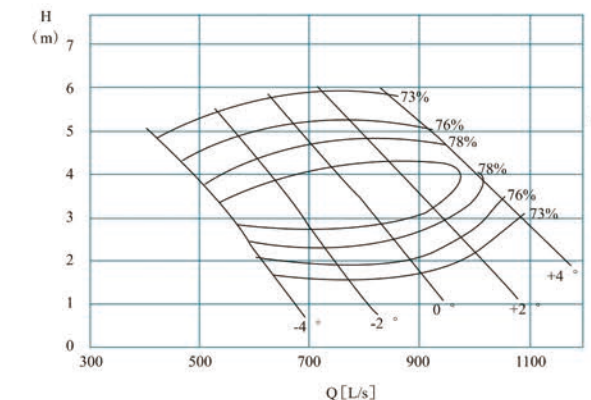
500ZQB-100型潜水轴流泵性能表

500ZQB-100 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |     | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|-----|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -6°                              | 1764              | 490 | 6.05             | 980                   | 79.7              | 36.5               | 45                  | 450                                |
|                                  | 2160              | 600 | 3.7              |                       | 82                | 26.6               |                     |                                    |
|                                  | 2275              | 632 | 2.9              |                       | 79.7              | 22.6               |                     |                                    |
| -4°                              | 1980              | 550 | 6                | 81.6                  | 39.7              | 730                | 30                  | 450                                |
|                                  | 2340              | 650 | 4                | 84.3                  | 30.3              |                    |                     |                                    |
|                                  | 2466              | 685 | 3.15             | 81.6                  | 25.9              |                    |                     |                                    |
| -2°                              | 2160              | 600 | 6.18             | 81.6                  | 44.6              | 980                | 55                  | 450                                |
|                                  | 2513              | 698 | 4.2              | 85.2                  | 33.8              |                    |                     |                                    |
|                                  | 2700              | 750 | 3.1              | 81.6                  | 28.0              |                    |                     |                                    |
| 0°                               | 2322              | 645 | 6.4              | 81.6                  | 49.6              | 730                | 30                  | 450                                |
|                                  | 2700              | 750 | 4.3              | 85.2                  | 37.1              |                    |                     |                                    |
|                                  | 2916              | 810 | 3.05             | 81.6                  | 29.7              |                    |                     |                                    |
| +2°                              | 2498              | 694 | 6.4              | 81.6                  | 53.4              | 980                | 55                  | 450                                |
|                                  | 2844              | 790 | 4.68             | 85.2                  | 42.6              |                    |                     |                                    |
|                                  | 3114              | 865 | 3.25             | 81.6                  | 33.8              |                    |                     |                                    |
| +4°                              | 2736              | 760 | 6.2              | 81.6                  | 56.6              | 730                | 30                  | 450                                |
|                                  | 2995              | 832 | 5                | 85.2                  | 47.9              |                    |                     |                                    |
|                                  | 3276              | 910 | 3.6              | 81.6                  | 39.4              |                    |                     |                                    |

500ZQB-125型潜水轴流泵性能曲线图

500ZQB-125 type submersible axial pump performance curve



500ZQB-125型潜水轴流泵性能表

500ZQB-125 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 1620              | 450  | 4.55             | 980                   | 75                | 26.8               | 30                  | 450                                |
|                                  | 1962              | 545  | 3.2              |                       | 80.5              | 21.3               |                     |                                    |
|                                  | 2196              | 610  | 2                |                       | 75                | 16.0               |                     |                                    |
| -2°                              | 2070              | 575  | 4.75             | 78                    | 34.4              | 730                | 30                  | 450                                |
|                                  | 2394              | 665  | 3.3              | 81.5                  | 26.4              |                    |                     |                                    |
|                                  | 2700              | 750  | 1.9              | 75                    | 18.6              |                    |                     |                                    |
| 0°                               | 2484              | 690  | 4.8              | 78.5                  | 41.4              | 980                | 55                  | 450                                |
|                                  | 2844              | 790  | 3.5              | 82.5                  | 32.9              |                    |                     |                                    |
|                                  | 3204              | 890  | 2                | 73.5                  | 23.8              |                    |                     |                                    |
| +2°                              | 2808              | 780  | 5.1              | 76.5                  | 51.0              | 730                | 30                  | 450                                |
|                                  | 3240              | 900  | 3.6              | 82                    | 38.8              |                    |                     |                                    |
|                                  | 3510              | 975  | 2.5              | 75                    | 31.9              |                    |                     |                                    |
| +4°                              | 3366              | 935  | 4.4              | 78.6                  | 51.3              | 980                | 55                  | 450                                |
|                                  | 3636              | 1010 | 4                | 79.5                  | 49.9              |                    |                     |                                    |
|                                  | 3834              | 1065 | 3.6              | 76.5                  | 49.2              |                    |                     |                                    |

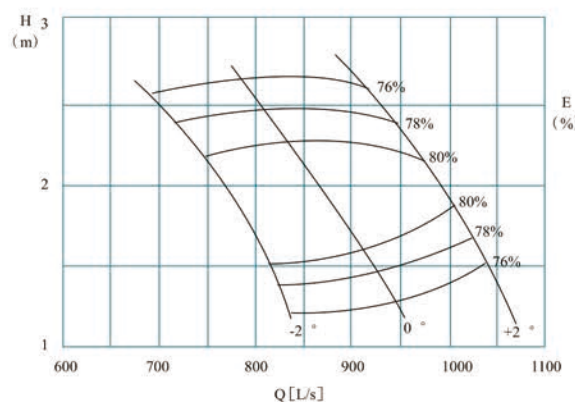


**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

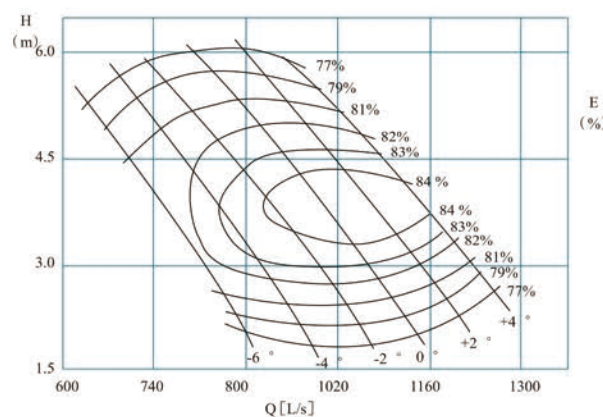
500ZQB-160型潜水轴流泵性能曲线图

500ZQB-160 type submersible axial pump performance curve



600ZQB-100型潜水轴流泵性能曲线图

600ZQB-100 type submersible axial pump performance curve

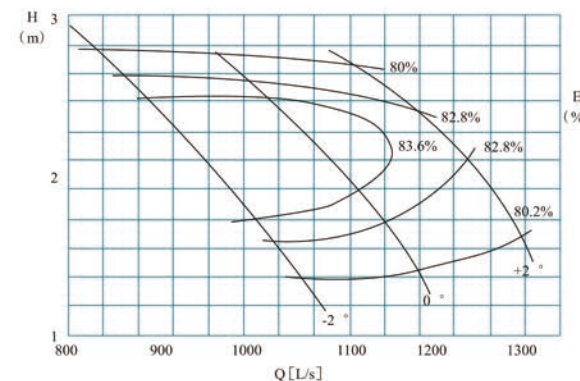


**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

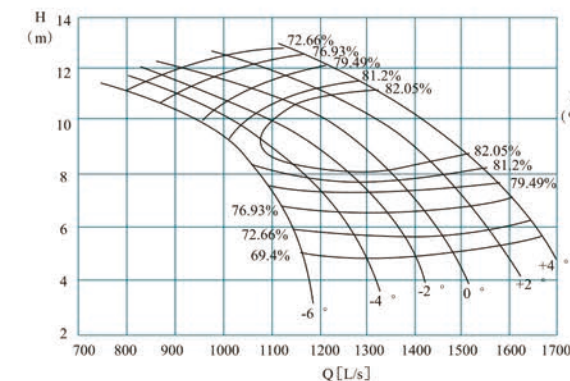
600ZQB-160型潜水轴流泵性能曲线图

600ZQB-160 type submersible axial pump performance curve



700ZQB-50型潜水轴流泵性能曲线图

700ZQB-50 type submersible axial pump performance curve



500ZQB-160型潜水轴流泵性能表

500ZQB-160 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |     | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|-----|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -2°                              | 2192              | 609 | 3.72             | 980                   | 79.3              | 28.0               | 37                  | 450                                |
|                                  | 2545              | 707 | 2.56             |                       | 84.2              | 21.2               |                     |                                    |
|                                  | 2804              | 779 | 1.71             |                       | 79.3              | 16.5               |                     |                                    |
| 0°                               | 2569              | 714 | 3.57             |                       | 79.3              | 31.5               | 45                  |                                    |
|                                  | 2956              | 821 | 2.57             |                       | 84.2              | 24.6               |                     |                                    |
|                                  | 3158              | 877 | 1.79             |                       | 79.3              | 19.4               |                     |                                    |
| +2°                              | 2989              | 830 | 3.41             |                       | 79.3              | 35.0               | 45                  |                                    |
|                                  | 3194              | 887 | 3.02             |                       | 82.0              | 32.1               |                     |                                    |
|                                  | 3474              | 965 | 2.13             |                       | 80.2              | 25.1               |                     |                                    |

600ZQB-100型潜水轴流泵性能表

600ZQB-100 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -6°                              | 2556              | 710  | 4.45             | 730                   | 81.1              | 38.2               | 45                  | 550                                |
|                                  | 2808              | 780  | 3.49             |                       | 81.6              | 32.7               |                     |                                    |
|                                  | 3132              | 870  | 2.43             |                       | 77.0              | 26.9               |                     |                                    |
| -4°                              | 3024              | 840  | 4.00             |                       | 83.1              | 39.7               | 45                  |                                    |
|                                  | 3132              | 870  | 3.54             |                       | 83.4              | 36.2               |                     |                                    |
|                                  | 3348              | 930  | 2.66             |                       | 81.3              | 29.8               |                     |                                    |
| -2°                              | 3132              | 870  | 4.45             |                       | 83.0              | 45.8               | 55                  |                                    |
|                                  | 3420              | 950  | 3.49             |                       | 84.0              | 38.7               |                     |                                    |
|                                  | 3672              | 1020 | 2.52             |                       | 81.2              | 31.1               |                     |                                    |
| 0°                               | 3348              | 930  | 4.47             |                       | 82.7              | 49.3               | 55                  |                                    |
|                                  | 3672              | 1020 | 3.59             |                       | 84.2              | 42.7               |                     |                                    |
|                                  | 3850              | 1070 | 2.95             |                       | 83.0              | 37.3               |                     |                                    |
| +2°                              | 3924              | 1090 | 3.73             |                       | 84.0              | 47.5               | 55                  |                                    |
|                                  | 4104              | 1140 | 3.37             |                       | 84.2              | 44.8               |                     |                                    |
|                                  | 4176              | 1160 | 2.90             |                       | 81.7              | 40.4               |                     |                                    |
| +4°                              | 4176              | 1160 | 3.79             | 84.2                  | 51.2              | 55                 |                     |                                    |
|                                  | 4284              | 1190 | 3.41             | 83.3                  | 47.8              |                    |                     |                                    |
|                                  | 4482              | 1245 | 3.00             | 81.0                  | 45.2              |                    |                     |                                    |

600ZQB-160型潜水轴流泵性能表

600ZQB-160 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -2°                              | 2981              | 828  | 3.08             | 730                   | 80.2              | 31.2               | 37                  | 550                                |
|                                  | 3463              | 962  | 2.12             |                       | 85.0              | 23.5               |                     |                                    |
|                                  | 3814              | 1059 | 1.42             |                       | 80.2              | 18.4               |                     |                                    |
| 0°                               | 3493              | 970  | 2.96             |                       | 80.2              | 35.1               | 45                  |                                    |
|                                  | 4169              | 1158 | 1.77             |                       | 82.8              | 24.3               |                     |                                    |
|                                  | 4295              | 1193 | 1.48             |                       | 80.2              | 21.6               |                     |                                    |
| +2°                              | 4065              | 1129 | 2.83             |                       | 80.2              | 39.1               | 45                  |                                    |
|                                  | 4345              | 1207 | 2.51             |                       | 82.8              | 35.9               |                     |                                    |
|                                  | 4728              | 1313 | 1.76             |                       | 81.1              | 28.0               |                     |                                    |

700ZQB-50型潜水轴流泵性能表

700ZQB-50 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -6°                              | 2827              | 785  | 11.07            | 730                   | 72.7              | 117.4              | 132                 | 600                                |
|                                  | 3715              | 1032 | 8.75             |                       | 81.5              | 108.7              |                     |                                    |
|                                  | 4135              | 1149 | 4.24             |                       | 65.0              | 73.5               |                     |                                    |
| -4°                              | 3893              | 1081 | 9.39             |                       | 82.0              | 121.5              | 132                 |                                    |
|                                  | 4010              | 1114 | 9.00             |                       | 82.1              | 119.8              |                     |                                    |
|                                  | 4698              | 1305 | 5.60             |                       | 72.7              | 98.6               |                     |                                    |
| -2°                              | 3103              | 862  | 11.70            |                       | 72.7              | 136.1              | 160                 |                                    |
|                                  | 4334              | 1204 | 9.00             |                       | 82.5              | 128.8              |                     |                                    |
|                                  | 5112              | 1420 | 5.25             |                       | 70.0              | 104.5              |                     |                                    |
| 0°                               | 3436              | 954  | 11.32            |                       | 76.9              | 137.8              | 160                 |                                    |
|                                  | 4653              | 1293 | 9.24             |                       | 82.1              | 142.7              |                     |                                    |
|                                  | 5191              | 1442 | 4.81             |                       | 72.7              | 93.6               |                     |                                    |
| +2°                              | 3879              | 1078 | 12.05            |                       | 76.9              | 165.6              | 185                 |                                    |
|                                  | 4896              | 1360 | 9.5              |                       | 83.0              | 152.7              |                     |                                    |
|                                  | 5738              | 1594 | 5.85             |                       | 72.7              | 125.8              |                     |                                    |
| +4°                              | 4749              | 1319 | 11.07            | 82.0                  | 174.7             | 185                |                     |                                    |
|                                  | 5162              | 1434 | 9.75             | 83.0                  | 165.2             |                    |                     |                                    |
|                                  | 6017              | 1671 | 6.14             | 72.7                  | 138.5             |                    |                     |                                    |

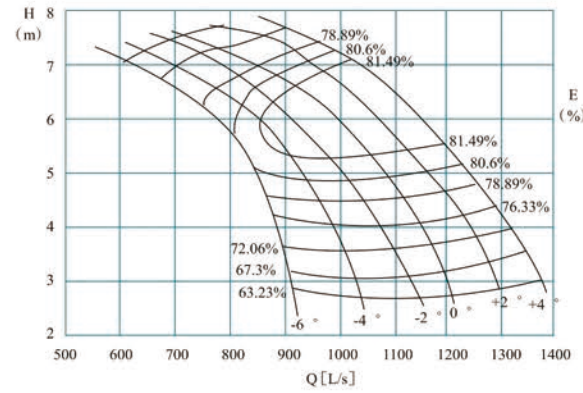


**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

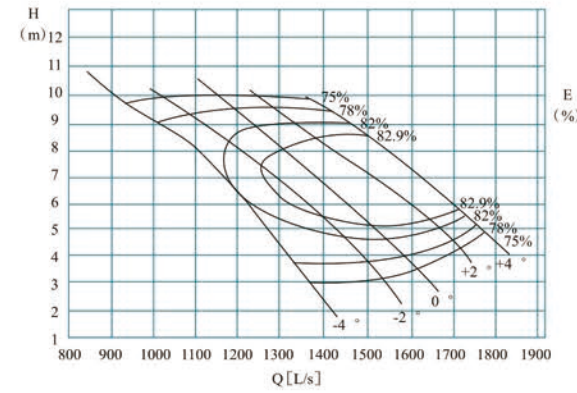
700ZQB-50D型潜水轴流泵性能曲线图

700ZQB-50D type submersible axial pump performance curve



700ZQB-70型潜水轴流泵性能曲线图

700ZQB-70 type submersible axial pump performance curve

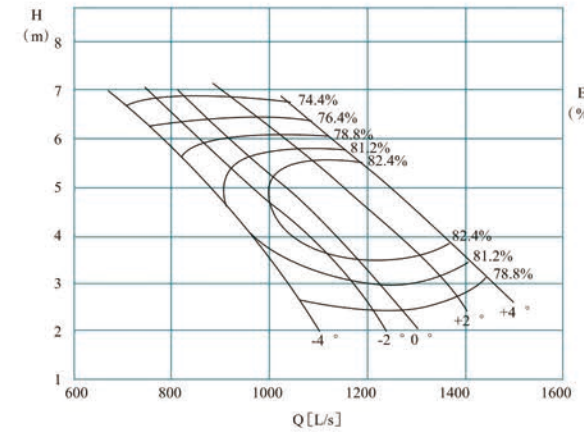


**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

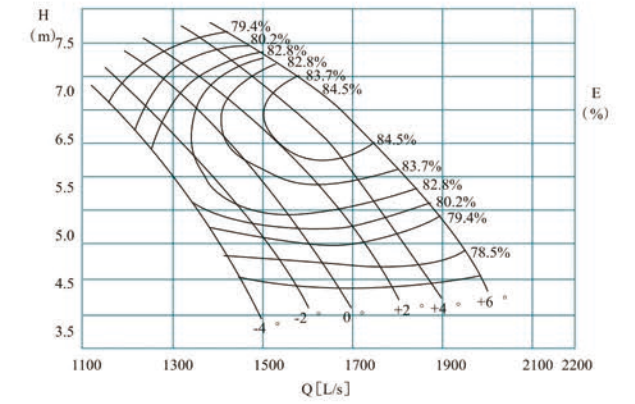
700ZQB-70D型潜水轴流泵性能曲线图

700ZQB-70D type submersible axial pump performance curve



700ZQB-70\*型潜水轴流泵性能曲线图

700ZQB-70\* type submersible axial pump performance curve



700ZQB-50D型潜水轴流泵性能表

700ZQB-50D type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -6°                              | 2246            | 624  | 6.99             | 590                   | 71.9              | 59.5               | 75                  | 600                                |
|                                  | 2952            | 820  | 5.52             |                       | 80.9              | 54.9               |                     |                                    |
|                                  | 3285            | 913  | 2.68             |                       | 64.0              | 37.5               |                     |                                    |
| -4°                              | 3093            | 859  | 5.93             | 81.4                  | 61.4              | 75                 | 600                 |                                    |
|                                  | 3186            | 885  | 5.68             | 81.8                  | 60.3              |                    |                     |                                    |
|                                  | 3733            | 1037 | 3.54             | 71.9                  | 50.1              |                    |                     |                                    |
| -2°                              | 2465            | 685  | 7.39             | 71.9                  | 69.0              | 75                 | 600                 |                                    |
|                                  | 3444            | 957  | 5.68             | 81.9                  | 65.1              |                    |                     |                                    |
|                                  | 4062            | 1128 | 3.31             | 70.0                  | 52.3              |                    |                     |                                    |
| 0°                               | 2730            | 758  | 7.15             | 76.2                  | 69.8              | 75                 | 600                 |                                    |
|                                  | 3697            | 1027 | 5.83             | 81.5                  | 72.1              |                    |                     |                                    |
|                                  | 4124            | 1146 | 3.04             | 71.9                  | 47.5              |                    |                     |                                    |
| +2°                              | 3082            | 856  | 7.61             | 76.2                  | 83.9              | 75                 | 600                 |                                    |
|                                  | 3890            | 1081 | 6.00             | 82.4                  | 77.5              |                    |                     |                                    |
|                                  | 4559            | 1266 | 3.69             | 71.9                  | 63.8              |                    |                     |                                    |
| +4°                              | 3773            | 1048 | 6.99             | 81.4                  | 88.3              | 75                 | 600                 |                                    |
|                                  | 4102            | 1139 | 6.15             | 82.4                  | 83.4              |                    |                     |                                    |
|                                  | 4781            | 1328 | 3.88             | 71.9                  | 70.3              |                    |                     |                                    |

700ZQB-70型潜水轴流泵性能表

700ZQB-70 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 3038            | 844  | 10.80            | 730                   | 72.1              | 124.0              | 132                 | 650                                |
|                                  | 3908            | 1086 | 8.04             |                       | 82.0              | 104.1              |                     |                                    |
|                                  | 4563            | 1268 | 4.99             |                       | 81.0              | 76.6               |                     |                                    |
| -2°                              | 3828            | 1063 | 9.41             | 76.5                  | 128.3             | 132                | 650                 |                                    |
|                                  | 4467            | 1241 | 7.58             | 81.4                  | 113.4             |                    |                     |                                    |
|                                  | 4995            | 1388 | 5.63             | 75.4                  | 101.6             |                    |                     |                                    |
| 0°                               | 4595            | 1276 | 8.04             | 81.3                  | 123.8             | 132                | 650                 |                                    |
|                                  | 4795            | 1332 | 7.25             | 82.5                  | 114.8             |                    |                     |                                    |
|                                  | 5562            | 1545 | 4.48             | 78.6                  | 86.4              |                    |                     |                                    |
| +2°                              | 5195            | 1443 | 7.58             | 82.6                  | 129.9             | 132                | 650                 |                                    |
|                                  | 5682            | 1578 | 6.31             | 83.5                  | 117.0             |                    |                     |                                    |
|                                  | 5922            | 1645 | 5.36             | 82.8                  | 104.5             |                    |                     |                                    |
| +4°                              | 5760            | 1600 | 7.20             | 83.2                  | 135.8             | 132                | 650                 |                                    |
|                                  | 5994            | 1665 | 6.43             | 84.2                  | 124.7             |                    |                     |                                    |
|                                  | 6340            | 1761 | 5.05             | 80.3                  | 108.7             |                    |                     |                                    |

700ZQB-70D型潜水轴流泵性能表

700ZQB-70D type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 2410            | 669  | 6.96             | 590                   | 70.5              | 64.8               | 75                  | 650                                |
|                                  | 3110            | 864  | 5.17             |                       | 80.0              | 54.8               |                     |                                    |
|                                  | 3660            | 1017 | 3.20             |                       | 78.8              | 40.5               |                     |                                    |
| -2°                              | 2786            | 774  | 6.75             | 75.0                  | 68.3              | 75                 | 650                 |                                    |
|                                  | 3557            | 988  | 4.74             | 80.5                  | 57.1              |                    |                     |                                    |
|                                  | 3974            | 1104 | 3.61             | 75.9                  | 51.5              |                    |                     |                                    |
| 0°                               | 3506            | 974  | 5.44             | 79.4                  | 65.5              | 75                 | 650                 |                                    |
|                                  | 3820            | 1061 | 4.66             | 81.5                  | 59.5              |                    |                     |                                    |
|                                  | 4446            | 1235 | 2.85             | 77.4                  | 44.6              |                    |                     |                                    |
| +2°                              | 4060            | 1128 | 5.17             | 81.8                  | 69.9              | 75                 | 650                 |                                    |
|                                  | 4529            | 1258 | 4.00             | 82.3                  | 60.0              |                    |                     |                                    |
|                                  | 4720            | 1311 | 3.44             | 81.8                  | 54.1              |                    |                     |                                    |
| +4°                              | 4658            | 1294 | 4.60             | 83.3                  | 70.1              | 75                 | 650                 |                                    |
|                                  | 4975            | 1382 | 3.68             | 82.8                  | 60.4              |                    |                     |                                    |
|                                  | 5120            | 1422 | 3.20             | 79.3                  | 56.3              |                    |                     |                                    |

700ZQB-70\*型潜水轴流泵性能表

700ZQB-70\* type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 4356            | 1210 | 6.45             | 590                   | 79.4              | 96.4               | 110                 | 650                                |
|                                  | 4860            | 1350 | 5.5              |                       | 82.0              | 88.8               |                     |                                    |
|                                  | 5256            | 1460 | 4.25             |                       | 79.4              | 76.7               |                     |                                    |
| -2°                              | 4572            | 1270 | 6.65             | 80.0                  | 103.6             | 110                | 650                 |                                    |
|                                  | 5184            | 1440 | 5.5              | 82.8                  | 93.8              |                    |                     |                                    |
|                                  | 5688            | 1580 | 4.15             | 79.4                  | 81.0              |                    |                     |                                    |
| 0°                               | 4780            | 1328 | 6.7              | 80.8                  | 108.0             | 110                | 650                 |                                    |
|                                  | 5436            | 1510 | 5.7              | 83.7                  | 100.9             |                    |                     |                                    |
|                                  | 6084            | 1690 | 4.05             | 76.4                  | 87.9              |                    |                     |                                    |
| +2°                              | 5040            | 1400 | 7                | 81.1                  | 118.5             | 132                | 650                 |                                    |
|                                  | 5652            | 1570 | 6                | 84.0                  | 110.0             |                    |                     |                                    |
|                                  | 6480            | 1800 | 4.1              | 79.4                  | 91.2              |                    |                     |                                    |
| +4°                              | 5256            | 1460 | 7.25             | 81.1                  | 128.0             | 132                | 650                 |                                    |
|                                  | 6012            | 1670 | 6.2              | 84.5                  | 120.2             |                    |                     |                                    |
|                                  | 6840            | 1900 | 4.17             | 79.4                  | 97.9              |                    |                     |                                    |
| +6°                              | 5544            | 1540 | 7.45             | 81.1                  | 138.8             | 160                | 650                 |                                    |
|                                  | 6228            | 1730 | 6.45             | 84.5                  | 129.5             |                    |                     |                                    |
|                                  | 7200            | 2000 | 4.47             | 79.4                  | 110.5             |                    |                     |                                    |

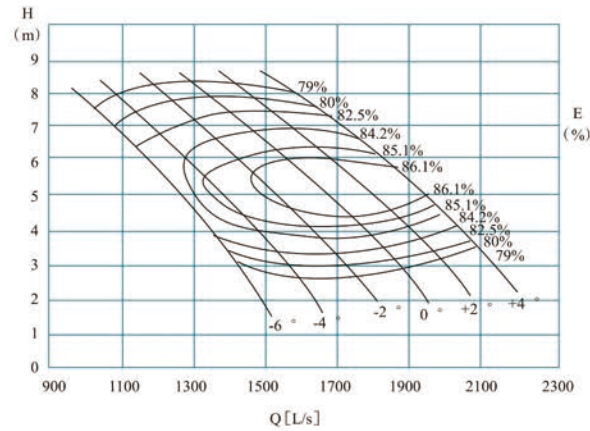


**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

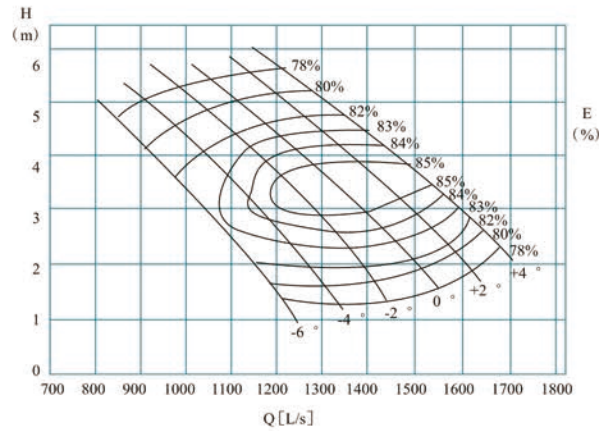
700ZQB-100型潜水轴流泵性能曲线图

700ZQB-100 type submersible axial pump performance curve



700ZQB-100D型潜水轴流泵性能曲线图

700ZQB-100D type submersible axial pump performance curve



700ZQB-100型潜水轴流泵性能表

700ZQB-100 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |      | 扬程H<br>Head m | 转速n<br>Speed r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |    |
|----------------------------------|-------------------|------|---------------|--------------------|-------------------|--------------------|---------------------|------------------------------------|----|
|                                  | m <sup>3</sup> /h | L/s  |               |                    |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |    |
| -6°                              | 3888              | 1080 | 7.00          | 730                | 79.0              | 93.9               | 110                 | 650                                |    |
|                                  | 4572              | 1270 | 5.00          |                    | 81.0              | 76.9               |                     |                                    |    |
|                                  | 5040              | 1400 | 3.30          |                    | 79.0              | 57.4               |                     |                                    |    |
| -4°                              | 4176              | 1160 | 7.20          |                    | 79.0              | 103.7              |                     |                                    | 65 |
|                                  | 4860              | 1350 | 5.30          |                    | 82.5              | 85.1               |                     |                                    |    |
|                                  | 5472              | 1520 | 3.00          |                    | 79.0              | 56.6               |                     |                                    |    |
| -2°                              | 4572              | 1270 | 7.50          |                    | 79.0              | 118.3              | 132                 |                                    |    |
|                                  | 5329              | 1480 | 5.50          |                    | 83.0              | 96.2               |                     |                                    |    |
|                                  | 5976              | 1660 | 3.35          |                    | 79.0              | 69.1               |                     |                                    |    |
| 0°                               | 4968              | 1380 | 7.60          |                    | 79.0              | 130.2              | 75                  |                                    |    |
|                                  | 5850              | 1625 | 5.50          |                    | 83.4              | 105.1              |                     |                                    |    |
|                                  | 6516              | 1810 | 3.45          |                    | 79.0              | 77.5               |                     |                                    |    |
| +2°                              | 5400              | 1500 | 7.65          | 79.0               | 142.5             | 90                 |                     |                                    |    |
|                                  | 6300              | 1750 | 5.50          | 83.4               | 113.2             |                    |                     |                                    |    |
|                                  | 6948              | 1930 | 3.55          | 79.0               | 85.1              |                    |                     |                                    |    |
| +4°                              | 5760              | 1600 | 7.60          | 79.0               | 151.0             | 90                 |                     |                                    |    |
|                                  | 6660              | 1850 | 5.70          | 83.4               | 124.0             |                    |                     |                                    |    |
|                                  | 7380              | 2050 | 3.70          | 79.0               | 94.2              |                    |                     |                                    |    |

700ZQB-100D型潜水轴流泵性能表

700ZQB-100D type submersible axial pump performance data

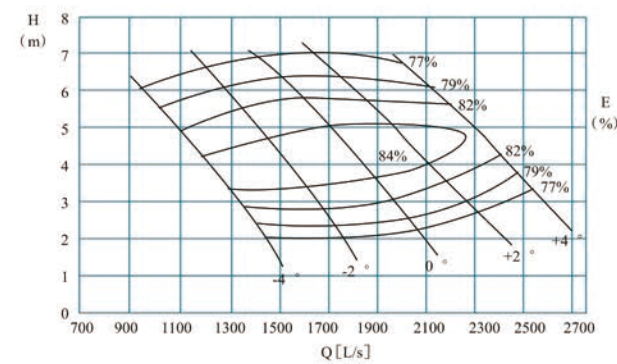
| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |      | 扬程H<br>Head m | 转速n<br>Speed r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |    |
|----------------------------------|-------------------|------|---------------|--------------------|-------------------|--------------------|---------------------|------------------------------------|----|
|                                  | m <sup>3</sup> /h | L/s  |               |                    |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |    |
| -6°                              | 3021              | 839  | 4.76          | 590                | 78.0              | 50.2               | 55                  | 650                                |    |
|                                  | 3693              | 1026 | 3.20          |                    | 82.0              | 39.3               |                     |                                    |    |
|                                  | 4166              | 1157 | 1.89          |                    | 78.0              | 27.5               |                     |                                    |    |
| -4°                              | 3230              | 897  | 5.13          |                    | 80.0              | 56.4               |                     |                                    | 65 |
|                                  | 4172              | 1159 | 3.14          |                    | 84.0              | 42.5               |                     |                                    |    |
|                                  | 4572              | 1270 | 1.98          |                    | 78.0              | 31.6               |                     |                                    |    |
| -2°                              | 3390              | 942  | 5.45          |                    | 78.0              | 64.5               | 75                  |                                    |    |
|                                  | 4506              | 1252 | 3.17          |                    | 85.0              | 45.8               |                     |                                    |    |
|                                  | 4979              | 1383 | 1.94          |                    | 80.0              | 32.9               |                     |                                    |    |
| 0°                               | 3981              | 1106 | 5.09          |                    | 80.0              | 68.0               | 90                  |                                    |    |
|                                  | 4875              | 1354 | 3.20          |                    | 85.0              | 50.0               |                     |                                    |    |
|                                  | 5363              | 1490 | 2.02          |                    | 80.0              | 36.9               |                     |                                    |    |
| +2°                              | 4173              | 1159 | 5.34          | 78.0               | 77.9              | 90                 |                     |                                    |    |
|                                  | 5171              | 1436 | 3.40          | 85.0               | 56.4              |                    |                     |                                    |    |
|                                  | 5769              | 1603 | 2.03          | 78.0               | 40.9              |                    |                     |                                    |    |
| +4°                              | 4196              | 1166 | 5.88          | 78.0               | 86.2              | 90                 |                     |                                    |    |
|                                  | 5540              | 1539 | 3.40          | 85.0               | 60.4              |                    |                     |                                    |    |
|                                  | 6079              | 1689 | 2.29          | 78.0               | 48.6              |                    |                     |                                    |    |

**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

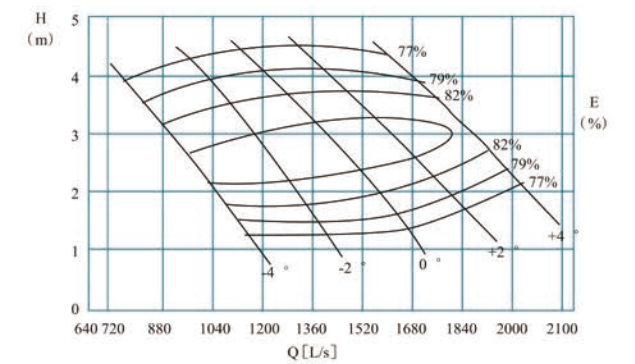
700ZQB-125型潜水轴流泵性能曲线图

700ZQB-125 type submersible axial pump performance curve



700ZQB-125D型潜水轴流泵性能曲线图

700ZQB-125D type submersible axial pump performance curve



700ZQB-125型潜水轴流泵性能表

700ZQB-125 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |      | 扬程H<br>Head m | 转速n<br>Speed r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |     |
|----------------------------------|-------------------|------|---------------|--------------------|-------------------|--------------------|---------------------|------------------------------------|-----|
|                                  | m <sup>3</sup> /h | L/s  |               |                    |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |     |
| -4°                              | 3398              | 944  | 6.10          | 730                | 77.0              | 73.4               | 90                  | 650                                |     |
|                                  | 4572              | 1270 | 3.61          |                    | 84.0              | 53.5               |                     |                                    |     |
|                                  | 5141              | 1428 | 2.12          |                    | 78.0              | 38.1               |                     |                                    |     |
| -2°                              | 4799              | 1333 | 5.80          |                    | 79.0              | 96.0               |                     |                                    | 110 |
|                                  | 5533              | 1537 | 4.05          |                    | 82.5              | 74.0               |                     |                                    |     |
|                                  | 6048              | 1680 | 2.57          |                    | 79.0              | 53.6               |                     |                                    |     |
| 0°                               | 5825              | 1618 | 5.67          |                    | 81.0              | 111.1              | 132                 |                                    |     |
|                                  | 6635              | 1843 | 4.05          |                    | 82.5              | 88.8               |                     |                                    |     |
|                                  | 7222              | 2006 | 2.70          |                    | 79.0              | 67.3               |                     |                                    |     |
| +2°                              | 6487              | 1802 | 6.08          |                    | 79.0              | 136.0              | 160                 |                                    |     |
|                                  | 7441              | 2067 | 4.32          |                    | 82.5              | 106.2              |                     |                                    |     |
|                                  | 7956              | 2210 | 3.24          |                    | 79.0              | 88.9               |                     |                                    |     |
| +4°                              | 8352              | 2320 | 4.81          | 83.0               | 131.9             | 160                |                     |                                    |     |
|                                  | 8402              | 2334 | 4.17          | 82.0               | 116.4             |                    |                     |                                    |     |
|                                  | 8910              | 2475 | 3.73          | 79.0               | 114.6             |                    |                     |                                    |     |

700ZQB-125D型潜水轴流泵性能表

700ZQB-125D type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |      | 扬程H<br>Head m | 转速n<br>Speed r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |    |
|----------------------------------|-------------------|------|---------------|--------------------|-------------------|--------------------|---------------------|------------------------------------|----|
|                                  | m <sup>3</sup> /h | L/s  |               |                    |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |    |
| -4°                              | 2725              | 757  | 3.92          | 590                | 76.0              | 38.3               | 45                  | 650                                |    |
|                                  | 3668              | 1019 | 2.32          |                    | 83.3              | 27.8               |                     |                                    |    |
|                                  | 4104              | 1140 | 1.36          |                    | 77.2              | 19.7               |                     |                                    |    |
| -2°                              | 3636              | 1010 | 3.98          |                    | 78.5              | 50.2               |                     |                                    | 55 |
|                                  | 4511              | 1253 | 2.40          |                    | 83.8              | 35.2               |                     |                                    |    |
|                                  | 5051              | 1403 | 1.24          |                    | 75.5              | 22.6               |                     |                                    |    |
| 0°                               | 4392              | 1220 | 4.00          |                    | 79.5              | 60.2               | 75                  |                                    |    |
|                                  | 5314              | 1476 | 2.57          |                    | 83.8              | 44.4               |                     |                                    |    |
|                                  | 5922              | 1645 | 1.51          |                    | 76.5              | 31.9               |                     |                                    |    |
| +2°                              | 5069              | 1408 | 4.04          |                    | 79.0              | 70.6               | 90                  |                                    |    |
|                                  | 5651              | 1653 | 2.74          |                    | 83.3              | 53.3               |                     |                                    |    |
|                                  | 6400              | 1778 | 2.02          |                    | 80.0              | 44.0               |                     |                                    |    |
| +4°                              | 5995              | 1665 | 4.00          | 78.8               | 82.9              | 90                 |                     |                                    |    |
|                                  | 6682              | 1856 | 3.10          | 82.5               | 68.4              |                    |                     |                                    |    |
|                                  | 6732              | 1870 | 3.03          | 82.5               | 67.4              |                    |                     |                                    |    |

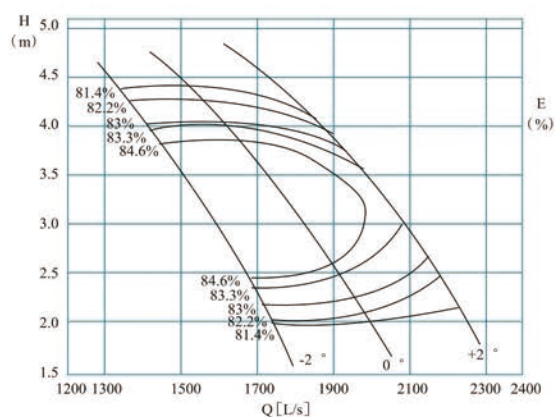


**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

700ZQB-160型潜水轴流泵性能曲线图

700ZQB-160 type submersible axial pump performance curve



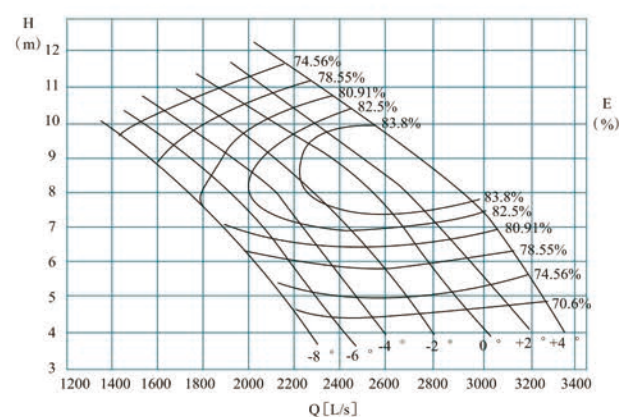
700ZQB-160型潜水轴流泵性能表

700ZQB-160 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -2°                              | 4922            | 1367 | 4.30             | 730                   | 81.4              | 70.9               | 75                  | 650                                |
|                                  | 5715            | 1588 | 2.96             |                       | 85.0              | 54.2               |                     |                                    |
|                                  | 6295            | 1749 | 1.98             |                       | 81.4              | 41.7               |                     |                                    |
| 0°                               | 5766            | 1602 | 4.13             |                       | 81.4              | 79.7               | 90                  |                                    |
|                                  | 6637            | 1844 | 2.97             |                       | 85.6              | 62.8               |                     |                                    |
|                                  | 7086            | 1968 | 2.07             |                       | 81.4              | 49.1               |                     |                                    |
| +2°                              | 6710            | 1864 | 3.95             |                       | 81.4              | 88.7               | 90                  |                                    |
|                                  | 7171            | 1992 | 3.50             |                       | 83.8              | 81.6               |                     |                                    |
|                                  | 7798            | 2166 | 2.46             |                       | 82.2              | 63.6               |                     |                                    |

900ZQB-50型潜水轴流泵性能曲线图

900ZQB-50 type submersible axial pump performance curve



900ZQB-50型潜水轴流泵性能表

900ZQB-50 type submersible axial pump performance data

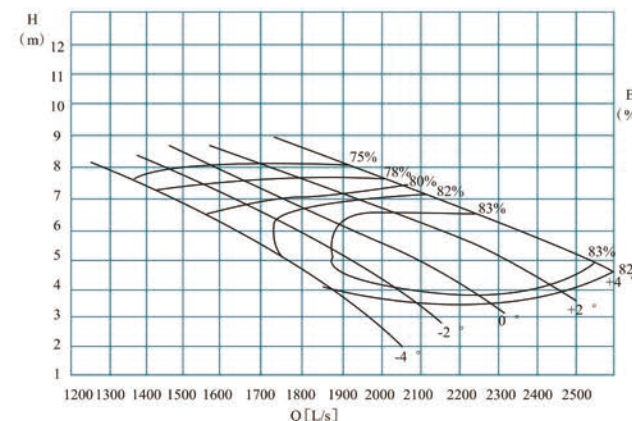
| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -8°                              | 5161            | 1434 | 9.65             | 490                   | 74.6              | 181.9              | 185                 | 850                                |
|                                  | 6472            | 1798 | 7.82             |                       | 81.0              | 170.6              |                     |                                    |
|                                  | 7596            | 2110 | 4.58             |                       | 70.6              | 134.3              |                     |                                    |
| -6°                              | 5659            | 1572 | 9.77             |                       | 75.0              | 200.9              | 220                 |                                    |
|                                  | 7139            | 1983 | 7.82             |                       | 82.8              | 183.7              |                     |                                    |
|                                  | 8578            | 2383 | 3.83             |                       | 66.6              | 134.4              |                     |                                    |
| -4°                              | 5638            | 1566 | 10.31            |                       | 74.6              | 212.3              | 220                 |                                    |
|                                  | 7761            | 2156 | 8.06             |                       | 84.0              | 202.9              |                     |                                    |
|                                  | 9187            | 2552 | 4.37             |                       | 70.6              | 155.0              |                     |                                    |
| -2°                              | 6558            | 1822 | 10.24            |                       | 78.5              | 233.1              | 250                 |                                    |
|                                  | 7995            | 2221 | 8.3              |                       | 84.0              | 215.3              |                     |                                    |
|                                  | 10038           | 2788 | 3.91             |                       | 67.0              | 159.6              |                     |                                    |
| 0°                               | 7470            | 2075 | 9.89             |                       | 80.9              | 248.8              | 250                 |                                    |
|                                  | 8882            | 2467 | 8.34             |                       | 84.2              | 239.7              |                     |                                    |
|                                  | 10570           | 2936 | 4.42             |                       | 70.6              | 180.3              |                     |                                    |
| +2°                              | 7402            | 2056 | 10.85            | 78.5                  | 278.8             | 280                |                     |                                    |
|                                  | 9350            | 2597 | 8.55             | 84.0                  | 259.3             |                    |                     |                                    |
|                                  | 11357           | 3155 | 4.02             | 66.6                  | 186.8             |                    |                     |                                    |
| +4°                              | 7859            | 2183 | 11.2             | 78.5                  | 305.5             | 315                |                     |                                    |
|                                  | 9830            | 2731 | 8.79             | 84.0                  | 280.3             |                    |                     |                                    |
|                                  | 11774           | 3271 | 4.88             | 70.6                  | 221.8             |                    |                     |                                    |

**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

900ZQB-70型潜水轴流泵性能曲线图

900ZQB-70 type submersible axial pump performance curve



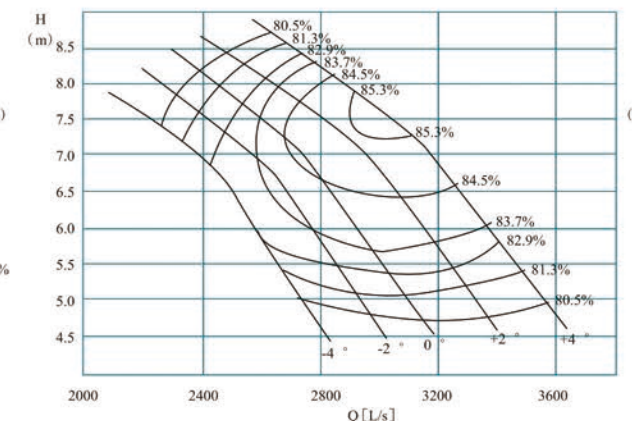
900ZQB-70型潜水轴流泵性能表

900ZQB-70 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 4500            | 1250 | 8.06             | 490                   | 74.0              | 133.6              | 160                 | 850                                |
|                                  | 5800            | 1611 | 5.98             |                       | 82.3              | 114.8              |                     |                                    |
|                                  | 6770            | 1881 | 3.72             |                       | 81.4              | 84.3               |                     |                                    |
| -2°                              | 5190            | 1442 | 7.82             |                       | 77.5              | 142.7              | 160                 |                                    |
|                                  | 6620            | 1839 | 5.49             |                       | 82.7              | 119.8              |                     |                                    |
|                                  | 7410            | 2058 | 4.19             |                       | 77.0              | 109.9              |                     |                                    |
| 0°                               | 6510            | 1808 | 6.41             |                       | 81.8              | 139.0              | 160                 |                                    |
|                                  | 7200            | 2000 | 5.40             |                       | 83.6              | 126.7              |                     |                                    |
|                                  | 8250            | 2292 | 3.33             |                       | 80.1              | 93.5               |                     |                                    |
| +2°                              | 7560            | 2100 | 5.99             |                       | 84.0              | 146.9              | 160                 |                                    |
|                                  | 8420            | 2339 | 4.70             |                       | 84.4              | 127.8              |                     |                                    |
|                                  | 8790            | 2442 | 4.00             |                       | 84.0              | 114.1              |                     |                                    |
| +4°                              | 7740            | 2150 | 6.50             |                       | 82.7              | 165.8              | 185                 |                                    |
|                                  | 8650            | 2403 | 5.33             |                       | 85.6              | 147.3              |                     |                                    |
|                                  | 9300            | 2583 | 4.27             |                       | 84.8              | 127.6              |                     |                                    |

900ZQB-70\*型潜水轴流泵性能曲线图

900ZQB-70\* type submersible axial pump performance curve



900ZQB-70\*型潜水轴流泵性能表

900ZQB-70\* type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 8748            | 2430 | 6.80             | 490                   | 83.0              | 95.3               | 220                 | 850                                |
|                                  | 9288            | 2580 | 6.00             |                       | 83.0              | 183.0              |                     |                                    |
|                                  | 9839            | 2733 | 5.00             |                       | 80.5              | 166.5              |                     |                                    |
| -2°                              | 8350            | 2319 | 7.73             |                       | 80.5              | 218.5              | 250                 |                                    |
|                                  | 9648            | 2680 | 6.50             |                       | 83.8              | 203.9              |                     |                                    |
|                                  | 10620           | 2950 | 4.87             |                       | 80.5              | 175.1              |                     |                                    |
| 0°                               | 8640            | 2400 | 8.17             |                       | 80.5              | 238.9              | 250                 |                                    |
|                                  | 10080           | 2800 | 6.70             |                       | 84.5              | 217.8              |                     |                                    |
|                                  | 11268           | 3130 | 4.77             |                       | 80.5              | 181.9              |                     |                                    |
| +2°                              | 8964            | 2490 | 8.40             |                       | 80.5              | 254.9              | 280                 |                                    |
|                                  | 10656           | 2960 | 7.00             |                       | 84.5              | 240.5              |                     |                                    |
|                                  | 11988           | 3330 | 4.77             |                       | 80.5              | 193.6              |                     |                                    |
| +4°                              | 9720            | 2700 | 8.50             |                       | 82.1              | 274.2              | 300                 |                                    |
|                                  | 11124           | 3090 | 7.33             |                       | 85.3              | 260.5              |                     |                                    |
|                                  | 12816           | 3560 | 4.93             |                       | 80.5              | 213.9              |                     |                                    |

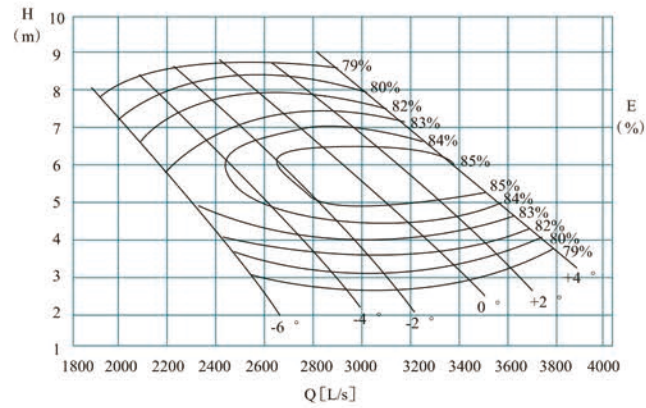


**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

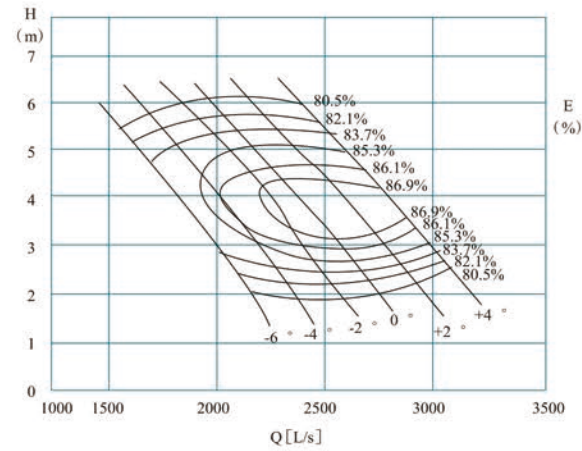
900ZQB-100型潜水轴流泵性能曲线图

900ZQB-100 type submersible axial pump performance curve



900ZQB-100D型潜水轴流泵性能曲线图

900ZQB-100D type submersible axial pump performance curve



900ZQB-100型潜水轴流泵性能表

900ZQB-100 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -6°                              | 7416            | 2060 | 6.75             | 590                   | 81.5              | 167.4              | 185                 | 850                                |
|                                  | 8316            | 2310 | 5.50             |                       | 84.0              | 148.4              |                     |                                    |
|                                  | 8856            | 2460 | 4.00             |                       | 82.0              | 117.7              |                     |                                    |
| -4°                              | 8208            | 2280 | 6.85             | 83.0                  | 184.6             | 220                |                     |                                    |
|                                  | 9306            | 2585 | 5.50             | 84.5                  | 165.1             |                    |                     |                                    |
|                                  | 9792            | 2720 | 4.00             | 81.5                  | 131.0             |                    |                     |                                    |
| -2°                              | 8686            | 2413 | 7.50             | 82.5                  | 215.0             | 250                |                     |                                    |
|                                  | 9756            | 2710 | 5.75             | 85.0                  | 179.8             |                    |                     |                                    |
|                                  | 10650           | 2958 | 4.00             | 82.0                  | 141.6             |                    |                     |                                    |
| 0°                               | 9720            | 2700 | 7.25             | 83.5                  | 230.0             | 160                |                     |                                    |
|                                  | 10728           | 2980 | 5.50             | 85.0                  | 189.2             |                    |                     |                                    |
|                                  | 11448           | 3180 | 4.50             | 83.5                  | 168.1             |                    |                     |                                    |
| +2°                              | 10818           | 3005 | 6.80             | 84.5                  | 237.2             | 110                |                     |                                    |
|                                  | 11412           | 3170 | 5.75             | 85.0                  | 210.4             |                    |                     |                                    |
|                                  | 12168           | 3380 | 4.50             | 83.5                  | 178.7             |                    |                     |                                    |
| +4°                              | 12168           | 3380 | 5.90             | 85.0                  | 230.2             | 850                |                     |                                    |
|                                  | 12870           | 3575 | 4.80             | 83.5                  | 201.3             |                    |                     |                                    |
|                                  | 13835           | 3843 | 3.50             | 82.0                  | 160.9             |                    |                     |                                    |

900ZQB-100D型潜水轴流泵性能表

900ZQB-100D type submersible axial pump performance data

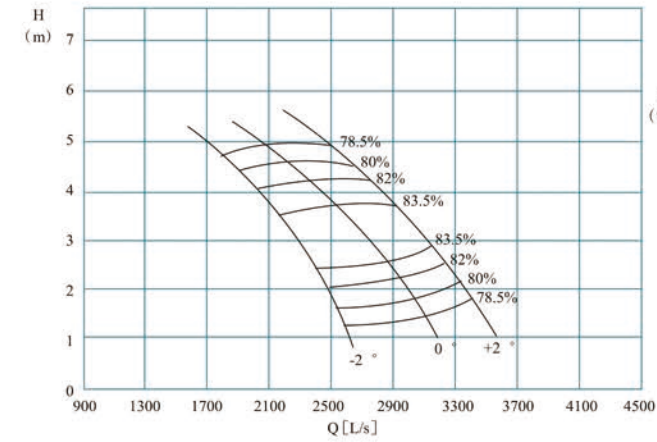
| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -6°                              | 5868            | 1630 | 5.00             | 490                   | 80.0              | 99.9               | 110                 | 850                                |
|                                  | 6894            | 1915 | 3.50             |                       | 82.5              | 79.7               |                     |                                    |
|                                  | 7596            | 2110 | 2.25             |                       | 79.0              | 59.0               |                     |                                    |
| -4°                              | 6660            | 1850 | 5.00             | 80.5                  | 112.7             | 132                |                     |                                    |
|                                  | 7488            | 2080 | 3.75             | 84.0                  | 91.1              |                    |                     |                                    |
|                                  | 8388            | 2330 | 2.25             | 80.0                  | 64.3              |                    |                     |                                    |
| -2°                              | 7578            | 2105 | 4.60             | 83.5                  | 113.8             | 160                |                     |                                    |
|                                  | 8028            | 2230 | 3.90             | 85.0                  | 100.4             |                    |                     |                                    |
|                                  | 9072            | 2520 | 2.25             | 80.0                  | 69.5              |                    |                     |                                    |
| 0°                               | 7560            | 2100 | 5.50             | 80.5                  | 140.8             | 850                |                     |                                    |
|                                  | 8658            | 2405 | 4.00             | 85.0                  | 111.0             |                    |                     |                                    |
|                                  | 9684            | 2690 | 2.50             | 80.9                  | 81.5              |                    |                     |                                    |
| +2°                              | 8460            | 2350 | 5.20             | 82.0                  | 146.2             | 110                |                     |                                    |
|                                  | 9378            | 2605 | 4.00             | 85.0                  | 120.3             |                    |                     |                                    |
|                                  | 10244           | 2846 | 2.80             | 81.5                  | 95.9              |                    |                     |                                    |
| +4°                              | 9468            | 2630 | 4.75             | 84.0                  | 145.9             | 850                |                     |                                    |
|                                  | 10080           | 2800 | 4.00             | 85.0                  | 129.3             |                    |                     |                                    |
|                                  | 10818           | 3005 | 3.00             | 81.8                  | 108.1             |                    |                     |                                    |

**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

900ZQB-125型潜水轴流泵性能曲线图

900ZQB-125 type submersible axial pump performance curve



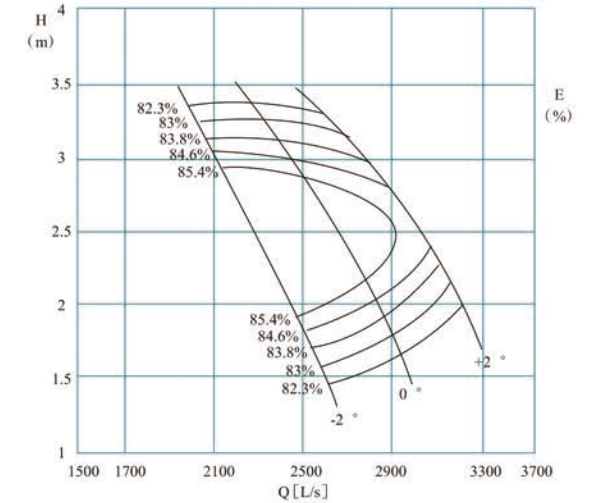
900ZQB-125型潜水轴流泵性能表

900ZQB-125 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -2°                              | 7056            | 1960 | 4.30             | 490                   | 80.0              | 103.3              | 110                 | 850                                |
|                                  | 8136            | 2260 | 3.00             |                       | 83.5              | 79.7               |                     |                                    |
|                                  | 8892            | 2470 | 1.90             |                       | 80.0              | 57.5               |                     |                                    |
| 0°                               | 8568            | 2380 | 4.20             | 82.0                  | 119.6             | 132                |                     |                                    |
|                                  | 9756            | 2710 | 3.00             | 83.5                  | 95.5              |                    |                     |                                    |
|                                  | 10620           | 2950 | 2.00             | 80.0                  | 72.3              |                    |                     |                                    |
| +2°                              | 9540            | 2650 | 4.50             | 80.0                  | 146.2             | 160                |                     |                                    |
|                                  | 10944           | 3040 | 3.20             | 83.5                  | 114.3             |                    |                     |                                    |
|                                  | 11700           | 3250 | 2.40             | 80.0                  | 95.6              |                    |                     |                                    |

900ZQB-160型潜水轴流泵性能曲线图

900ZQB-160 type submersible axial pump performance curve



900ZQB-160型潜水轴流泵性能表

900ZQB-160 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -2°                              | 7315            | 2032 | 3.25             | 490                   | 82.3              | 78.8               | 90                  | 850                                |
|                                  | 8492            | 2359 | 2.24             |                       | 85.7              | 60.5               |                     |                                    |
|                                  | 9234            | 2565 | 1.57             |                       | 83.0              | 47.6               |                     |                                    |
| 0°                               | 8568            | 2380 | 3.12             | 82.3                  | 88.5              | 110                |                     |                                    |
|                                  | 9850            | 2736 | 2.25             | 86.5                  | 69.8              |                    |                     |                                    |
|                                  | 10476           | 2910 | 1.63             | 83.0                  | 56.1              |                    |                     |                                    |
| +2°                              | 9968            | 2769 | 3.00             | 82.3                  | 99.0              | 850                |                     |                                    |
|                                  | 10656           | 2960 | 2.64             | 84.5                  | 90.7              |                    |                     |                                    |
|                                  | 11462           | 3184 | 2.01             | 83.0                  | 75.6              |                    |                     |                                    |

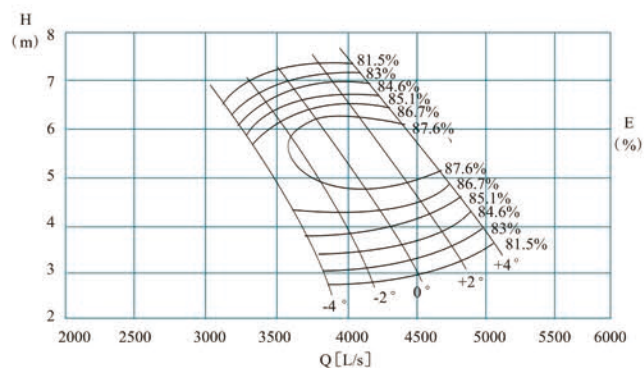


**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

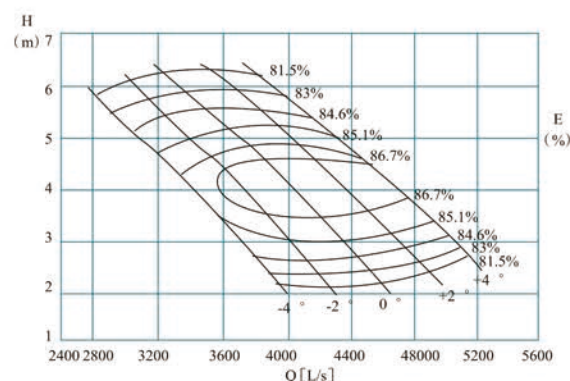
1200ZQB-100型潜水轴流泵性能曲线图

1200ZQB-100 type submersible axial pump performance curve



1200ZQB-100\*型潜水轴流泵性能曲线图

1200ZQB-100\* type submersible axial pump performance curve



1200ZQB-100型潜水轴流泵性能表

1200ZQB-100 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 11304             | 3140 | 6.43             | 490                   | 84.7              | 233.8              | 90                  | 1000                               |
|                                  | 12514             | 3476 | 5.00             |                       | 85.4              | 199.7              |                     |                                    |
|                                  | 13644             | 3790 | 3.17             |                       | 81.7              | 144.3              |                     |                                    |
| -2°                              | 12456             | 3460 | 6.48             | 84.7                  | 259.7             | 280                |                     |                                    |
|                                  | 13460             | 3739 | 5.11             | 86.2                  | 218.4             |                    |                     |                                    |
|                                  | 14904             | 4140 | 3.07             | 81.7                  | 152.6             |                    |                     |                                    |
| 0°                               | 13865             | 3851 | 6.00             | 86.1                  | 263.3             | 280                |                     |                                    |
|                                  | 14565             | 4046 | 5.11             | 86.2                  | 235.3             |                    |                     |                                    |
|                                  | 16020             | 4450 | 3.23             | 81.7                  | 172.6             |                    |                     |                                    |
| +2°                              | 13824             | 3840 | 7.21             | 84.7                  | 320.7             | 335                |                     |                                    |
|                                  | 15448             | 4291 | 5.43             | 86.2                  | 265.2             |                    |                     |                                    |
|                                  | 17028             | 4730 | 3.53             | 81.7                  | 200.5             |                    |                     |                                    |
| +4°                              | 15624             | 4340 | 6.45             | 85.4                  | 321.6             | 335                |                     |                                    |
|                                  | 16552             | 4598 | 5.42             | 86.2                  | 283.6             |                    |                     |                                    |
|                                  | 17964             | 4990 | 3.89             | 81.7                  | 233.1             |                    |                     |                                    |

1200ZQB-100\*型潜水轴流泵性能表

1200ZQB-100\* type submersible axial pump performance data

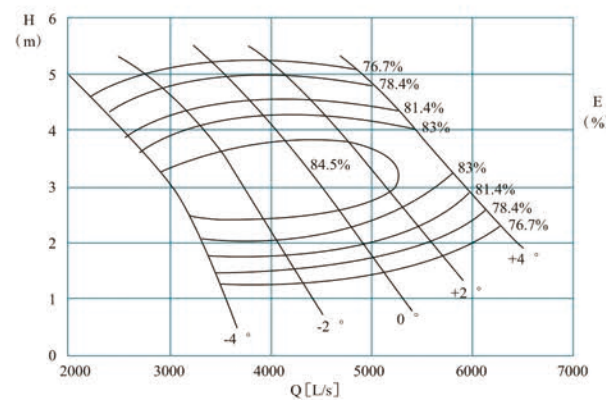
| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 10584             | 2940 | 5.40             | 370                   | 83.0              | 187.6              | 220                 | 1100                               |
|                                  | 12312             | 3420 | 4.00             |                       | 86.9              | 154.4              |                     |                                    |
|                                  | 13752             | 3820 | 2.60             |                       | 84.7              | 115.0              |                     |                                    |
| -2°                              | 11340             | 3150 | 5.70             | 83.0                  | 212.2             | 250                |                     |                                    |
|                                  | 14220             | 3950 | 4.00             | 87.6                  | 177.0             |                    |                     |                                    |
|                                  | 14940             | 4150 | 2.58             | 84.6                  | 124.2             |                    |                     |                                    |
| 0°                               | 11808             | 3280 | 6.10             | 81.5                  | 240.8             | 280                |                     |                                    |
|                                  | 14400             | 4000 | 4.15             | 87.6                  | 185.9             |                    |                     |                                    |
|                                  | 16056             | 4460 | 2.58             | 84.6                  | 133.5             |                    |                     |                                    |
| +2°                              | 13176             | 3660 | 5.90             | 82.2                  | 257.7             | 300                |                     |                                    |
|                                  | 15840             | 4400 | 3.87             | 87.6                  | 190.7             |                    |                     |                                    |
|                                  | 17100             | 4750 | 2.75             | 84.6                  | 151.5             |                    |                     |                                    |
| +4°                              | 14688             | 4080 | 5.60             | 83.0                  | 269.9             | 300                |                     |                                    |
|                                  | 16848             | 4680 | 4.00             | 87.6                  | 209.6             |                    |                     |                                    |
|                                  | 18000             | 5000 | 3.00             | 84.6                  | 174.0             |                    |                     |                                    |

**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

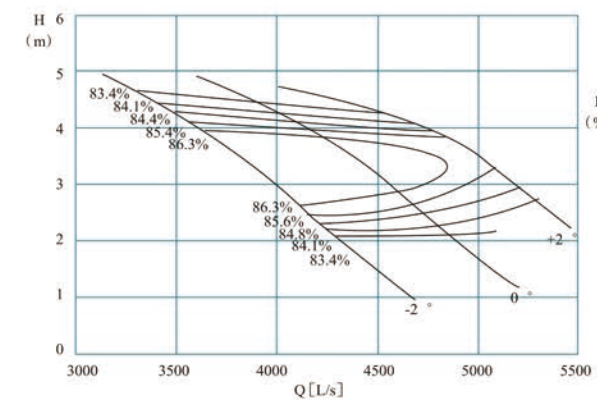
1200ZQB-125型潜水轴流泵性能曲线图

1200ZQB-125 type submersible axial pump performance curve



1200ZQB-160型潜水轴流泵性能曲线图

1200ZQB-160 type submersible axial pump performance curve



1200ZQB-125型潜水轴流泵性能表

1200ZQB-125 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 8820              | 2450 | 4.20             | 370                   | 79.9              | 126.3              | 132                 | 1100                               |
|                                  | 11160             | 3100 | 2.80             |                       | 84.6              | 100.7              |                     |                                    |
|                                  | 12240             | 3400 | 1.66             |                       | 79.9              | 69.3               |                     |                                    |
| -2°                              | 12240             | 3400 | 4.62             | 79.9                  | 192.9             | 220                |                     |                                    |
|                                  | 13788             | 3830 | 2.80             | 84.6                  | 124.4             |                    |                     |                                    |
|                                  | 15300             | 4250 | 1.60             | 79.9                  | 83.5              |                    |                     |                                    |
| 0°                               | 13176             | 3660 | 4.80             | 79.9                  | 215.7             | 280                |                     |                                    |
|                                  | 16200             | 4500 | 3.00             | 84.6                  | 156.6             |                    |                     |                                    |
|                                  | 18000             | 5000 | 1.85             | 79.9                  | 113.6             |                    |                     |                                    |
| +2°                              | 15228             | 4230 | 4.75             | 79.9                  | 246.7             | 250                |                     |                                    |
|                                  | 18000             | 5000 | 3.30             | 84.6                  | 191.4             |                    |                     |                                    |
|                                  | 19800             | 5500 | 2.20             | 79.9                  | 148.6             |                    |                     |                                    |
| +4°                              | 18360             | 5100 | 4.66             | 79.9                  | 291.8             | 300                |                     |                                    |
|                                  | 21096             | 5860 | 3.16             | 83.1                  | 218.7             |                    |                     |                                    |
|                                  | 22320             | 6200 | 2.48             | 78.4                  | 192.4             |                    |                     |                                    |

1200ZQB-160型潜水轴流泵性能表

1200ZQB-160 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -2°                              | 12031             | 3342 | 4.59             | 490                   | 83.4              | 180.4              | 185                 | 1000                               |
|                                  | 13968             | 3880 | 3.29             |                       | 86.6              | 144.6              |                     |                                    |
|                                  | 15386             | 4274 | 2.11             |                       | 83.4              | 106.1              |                     |                                    |
| 0°                               | 14440             | 4011 | 4.26             | 84.1                  | 199.3             | 200                |                     |                                    |
|                                  | 16222             | 4506 | 3.17             | 86.6                  | 161.8             |                    |                     |                                    |
|                                  | 17323             | 4812 | 2.21             | 83.4                  | 125.1             |                    |                     |                                    |
| +2°                              | 16402             | 4556 | 4.21             | 83.4                  | 225.6             | 250                |                     |                                    |
|                                  | 18112             | 5031 | 3.43             | 85.6                  | 197.8             |                    |                     |                                    |
|                                  | 19058             | 5294 | 2.63             | 84.1                  | 162.4             |                    |                     |                                    |

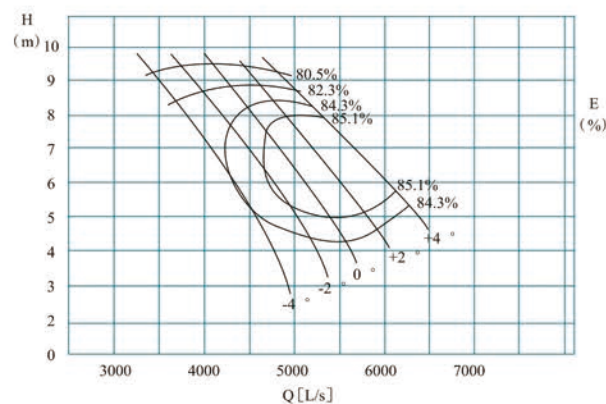


**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

1400ZQB-70型潜水轴流泵性能曲线图

1400ZQB-70 type submersible axial pump performance curve



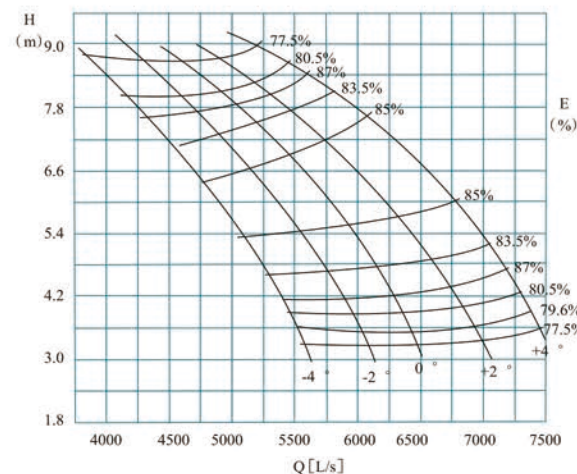
1400ZQB-70型潜水轴流泵性能表

1400ZQB-70 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 12210             | 3392 | 9.50             | 365                   | 80.5              | 392.7              | 450                 | 1250                               |
|                                  | 14649             | 4069 | 7.06             |                       | 82.9              | 340.0              |                     |                                    |
|                                  | 16681             | 4634 | 4.85             |                       | 82.3              | 267.9              |                     |                                    |
| -2°                              | 13132             | 3648 | 9.66             |                       | 80.5              | 429.4              | 480                 |                                    |
|                                  | 16912             | 4698 | 6.35             |                       | 85.1              | 343.9              |                     |                                    |
|                                  | 18660             | 5183 | 4.59             |                       | 81.3              | 287.1              |                     |                                    |
| 0°                               | 14375             | 3993 | 9.83             |                       | 80.5              | 478.3              | 530                 |                                    |
|                                  | 18056             | 5016 | 6.56             |                       | 85.1              | 379.3              |                     |                                    |
|                                  | 20159             | 5600 | 4.44             |                       | 81.3              | 300.0              |                     |                                    |
| +2°                              | 15554             | 4321 | 9.75             |                       | 80.5              | 513.4              | 560                 |                                    |
|                                  | 19532             | 5426 | 6.16             |                       | 85.1              | 385.3              |                     |                                    |
|                                  | 21657             | 6016 | 4.84             |                       | 84.3              | 338.8              |                     |                                    |
| +4°                              | 17279             | 4800 | 9.50             | 80.5                  | 555.7             | 630                |                     |                                    |
|                                  | 20616             | 5727 | 6.96             | 85.1                  | 459.5             |                    |                     |                                    |
|                                  | 22348             | 6208 | 5.35             | 84.3                  | 386.5             |                    |                     |                                    |

1400ZQB-85型潜水轴流泵性能曲线图

1400ZQB-85 type submersible axial pump performance curve



1400ZQB-85型潜水轴流泵性能表

1400ZQB-85 type submersible axial pump performance data

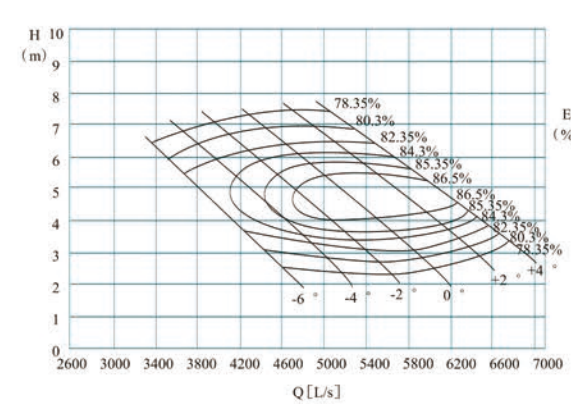
| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 16416             | 4560 | 6.9              | 370                   | 83.5              | 369.7              | 400                 | 1250                               |
|                                  | 17906             | 4974 | 5.7              |                       | 85                | 327.2              |                     |                                    |
|                                  | 19012             | 5281 | 4.6              |                       | 83.5              | 285.4              |                     |                                    |
| -2°                              | 17777             | 4938 | 7.2              |                       | 83.5              | 417.7              | 450                 |                                    |
|                                  | 19336             | 5371 | 6                |                       | 85                | 371.9              |                     |                                    |
|                                  | 20765             | 5768 | 4.7              |                       | 83.5              | 318.5              |                     |                                    |
| 0°                               | 18817             | 5227 | 7.4              |                       | 83.5              | 454.4              | 475                 |                                    |
|                                  | 20632             | 5731 | 6.2              |                       | 85                | 410.1              |                     |                                    |
|                                  | 22126             | 6146 | 4.8              |                       | 83.5              | 346.6              |                     |                                    |
| +2°                              | 19530             | 5425 | 7.8              |                       | 83.5              | 497.1              | 530                 |                                    |
|                                  | 22061             | 6128 | 6.4              |                       | 85                | 452.6              |                     |                                    |
|                                  | 23746             | 6596 | 5                |                       | 83.5              | 387.5              |                     |                                    |
| +4°                              | 20874             | 5804 | 8.1              | 83.5                  | 552.3             | 600                |                     |                                    |
|                                  | 23555             | 6543 | 6.7              | 85                    | 505.9             |                    |                     |                                    |
|                                  | 25240             | 7011 | 5.2              | 83.5                  | 428.3             |                    |                     |                                    |

**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

1400ZQB-100型潜水轴流泵性能曲线图

1400ZQB-100 type submersible axial pump performance curve



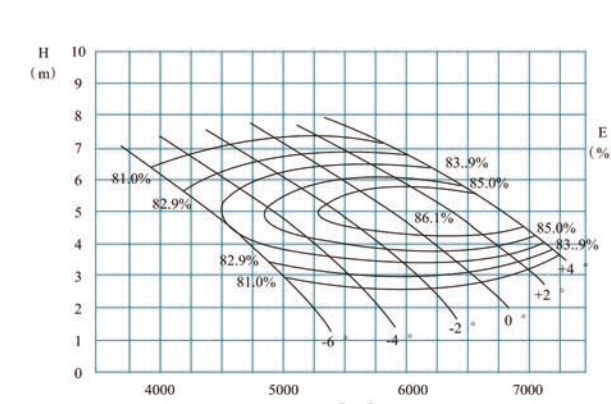
1400ZQB-100型潜水轴流泵性能表

1400ZQB-100 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -6°                              | 12630             | 3510 | 6.04             | 370                   | 80.3              | 259.0              | 280                 | 1200                               |
|                                  | 14688             | 4080 | 4.20             |                       | 84.3              | 199.4              |                     |                                    |
|                                  | 16560             | 4600 | 2.60             |                       | 78.3              | 149.8              |                     |                                    |
| -4°                              | 14976             | 4160 | 5.51             |                       | 84.3              | 266.7              | 335                 |                                    |
|                                  | 16776             | 4660 | 4.04             |                       | 85.3              | 216.5              |                     |                                    |
|                                  | 18180             | 5050 | 2.71             |                       | 80.3              | 167.2              |                     |                                    |
| -2°                              | 15300             | 4250 | 6.34             |                       | 82.3              | 321.2              | 400                 |                                    |
|                                  | 17064             | 4740 | 5.00             |                       | 86.3              | 269.4              |                     |                                    |
|                                  | 19800             | 5500 | 2.64             |                       | 80.3              | 177.4              |                     |                                    |
| 0°                               | 17714             | 4921 | 5.71             |                       | 82.3              | 334.9              | 450                 |                                    |
|                                  | 19440             | 5400 | 4.40             |                       | 86.3              | 270.1              |                     |                                    |
|                                  | 21600             | 6000 | 2.50             |                       | 78.3              | 187.9              |                     |                                    |
| +2°                              | 17784             | 4940 | 6.56             | 82.3                  | 386.3             | 500                |                     |                                    |
|                                  | 21384             | 5940 | 4.07             | 86.3                  | 274.8             |                    |                     |                                    |
|                                  | 22968             | 6380 | 2.77             | 78.3                  | 221.4             |                    |                     |                                    |
| +4°                              | 20340             | 5650 | 5.85             | 84.3                  | 384.6             | 550                |                     |                                    |
|                                  | 22428             | 6230 | 4.41             | 86.3                  | 312.3             |                    |                     |                                    |
|                                  | 24192             | 6720 | 3.13             | 78.3                  | 263.5             |                    |                     |                                    |

1400ZQB-100\*型潜水轴流泵性能曲线图

1400ZQB-100\* type submersible axial pump performance curve



1400ZQB-100\*型潜水轴流泵性能表

1400ZQB-100\* type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -6°                              | 14627             | 4063 | 5.85             | 370                   | 82.5              | 282.6              | 300                 | 1250                               |
|                                  | 15889             | 4414 | 4.87             |                       | 84.0              | 251.0              |                     |                                    |
|                                  | 17696             | 4916 | 3.23             |                       | 81.8              | 190.4              |                     |                                    |
| -4°                              | 15746             | 4374 | 6.11             |                       | 82.5              | 317.8              | 335                 |                                    |
|                                  | 17496             | 4860 | 4.75             |                       | 85.3              | 265.5              |                     |                                    |
|                                  | 19302             | 5362 | 3.23             |                       | 82.8              | 205.2              |                     |                                    |
| -2°                              | 17352             | 4820 | 6.17             |                       | 84.0              | 347.3              | 355                 |                                    |
|                                  | 19216             | 5338 | 4.91             |                       | 86.2              | 298.3              |                     |                                    |
|                                  | 21195             | 5888 | 3.23             |                       | 83.2              | 224.2              |                     |                                    |
| 0°                               | 18671             | 5186 | 6.46             |                       | 84.3              | 389.9              | 400                 |                                    |
|                                  | 20880             | 5800 | 5.06             |                       | 86.3              | 333.6              |                     |                                    |
|                                  | 23031             | 6398 | 3.36             |                       | 83.2              | 253.5              |                     |                                    |
| +2°                              | 19962             | 5545 | 6.59             | 83.7                  | 428.3             | 450                |                     |                                    |
|                                  | 22090             | 6136 | 5.34             | 86.8                  | 370.3             |                    |                     |                                    |
|                                  | 24551             | 6820 | 3.49             | 80.5                  | 290.0             |                    |                     |                                    |
| +4°                              | 21367             | 5935 | 6.59             | 83.0                  | 462.3             | 475                |                     |                                    |
|                                  | 23748             | 6597 | 5.19             | 86.3                  | 389.2             |                    |                     |                                    |
|                                  | 26043             | 7234 | 3.66             | 82.5                  | 314.8             |                    |                     |                                    |

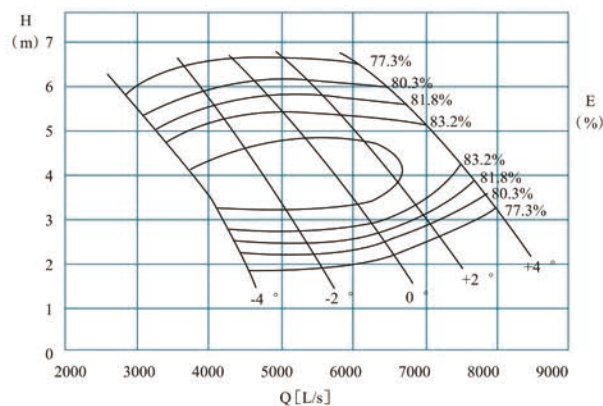


**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

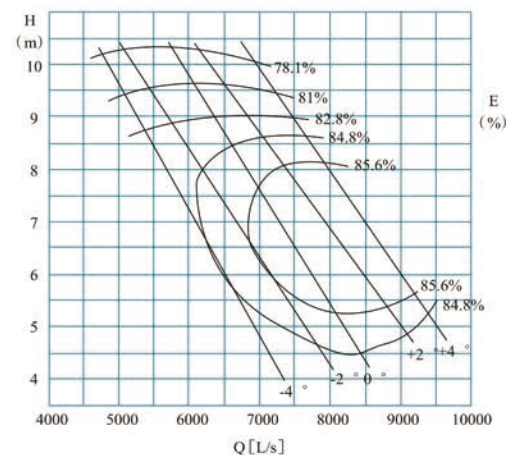
1400ZQB-125型潜水轴流泵性能曲线图

1400ZQB-125 type submersible axial pump performance curve



1600ZQB-70型潜水轴流泵性能曲线图

1600ZQB-70 type submersible axial pump performance curve



1400ZQB-125型潜水轴流泵性能表

1400ZQB-125 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 11448           | 3180 | 5.00             | 370                   | 80.3              | 194.3              | 200                 | 1200                               |
|                                  | 14400           | 4000 | 3.40             |                       | 84.5              | 157.9              |                     |                                    |
|                                  | 16200           | 4500 | 1.90             |                       | 80.3              | 104.5              |                     |                                    |
| -2°                              | 14400           | 4000 | 5.60             | 370                   | 80.3              | 273.7              | 280                 | 1200                               |
|                                  | 18000           | 5000 | 3.20             |                       | 84.8              | 185.1              |                     |                                    |
|                                  | 19800           | 5500 | 1.90             |                       | 80.3              | 127.7              |                     |                                    |
| 0°                               | 17100           | 4570 | 5.70             | 370                   | 80.3              | 330.8              | 335                 | 1200                               |
|                                  | 20520           | 5700 | 3.90             |                       | 84.8              | 257.2              |                     |                                    |
|                                  | 23400           | 6500 | 2.20             |                       | 80.3              | 174.7              |                     |                                    |
| +2°                              | 19800           | 5500 | 5.70             | 370                   | 80.3              | 383.0              | 400                 | 1200                               |
|                                  | 23400           | 6500 | 3.90             |                       | 84.8              | 293.3              |                     |                                    |
|                                  | 25776           | 7160 | 2.50             |                       | 80.3              | 218.7              |                     |                                    |
| +4°                              | 24732           | 6870 | 5.15             | 370                   | 81.8              | 424.3              | 450                 | 1200                               |
|                                  | 27000           | 7500 | 4.05             |                       | 83.7              | 356.0              |                     |                                    |
|                                  | 28440           | 7900 | 3.20             |                       | 80.3              | 308.8              |                     |                                    |

1600ZQB-70型潜水轴流泵性能表

1600ZQB-70 type submersible axial pump performance data

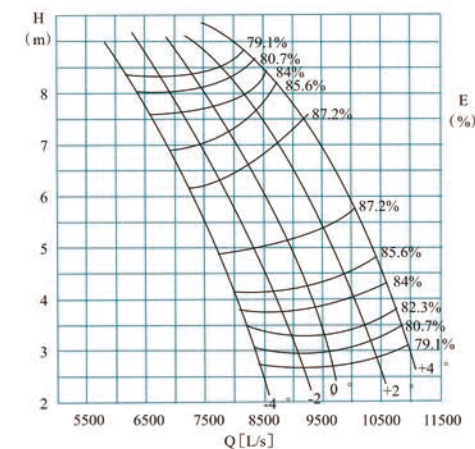
| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 18454           | 5126 | 9.42             | 295                   | 81                | 584.8              | 600                 | 1540                               |
|                                  | 22140           | 6150 | 7                |                       | 83.4              | 506.4              |                     |                                    |
|                                  | 25211           | 7003 | 4.81             |                       | 82.8              | 399.1              |                     |                                    |
| -2°                              | 19847           | 5513 | 9.58             | 295                   | 81                | 639.6              | 670                 | 1540                               |
|                                  | 25560           | 7100 | 6.3              |                       | 85.6              | 512.6              |                     |                                    |
|                                  | 28202           | 7834 | 4.55             |                       | 81.8              | 427.5              |                     |                                    |
| 0°                               | 21726           | 6035 | 9.75             | 295                   | 81                | 712.6              | 750                 | 1540                               |
|                                  | 27288           | 7580 | 6.5              |                       | 85.6              | 564.6              |                     |                                    |
|                                  | 30467           | 8463 | 4.4              |                       | 81.8              | 446.6              |                     |                                    |
| +2°                              | 23508           | 6530 | 9.67             | 295                   | 81                | 764.8              | 800                 | 1540                               |
|                                  | 29520           | 8200 | 6.55             |                       | 85.6              | 615.5              |                     |                                    |
|                                  | 32731           | 9092 | 4.8              |                       | 84.8              | 504.9              |                     |                                    |
| +4°                              | 26114           | 7254 | 9.42             | 295                   | 81                | 827.6              | 850                 | 1540                               |
|                                  | 31158           | 8655 | 6.9              |                       | 85.6              | 684.4              |                     |                                    |
|                                  | 33775           | 9382 | 5.3              |                       | 84.8              | 575.2              |                     |                                    |

**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

1600ZQB-85型潜水轴流泵性能曲线图

1600ZQB-85 type submersible axial pump performance curve



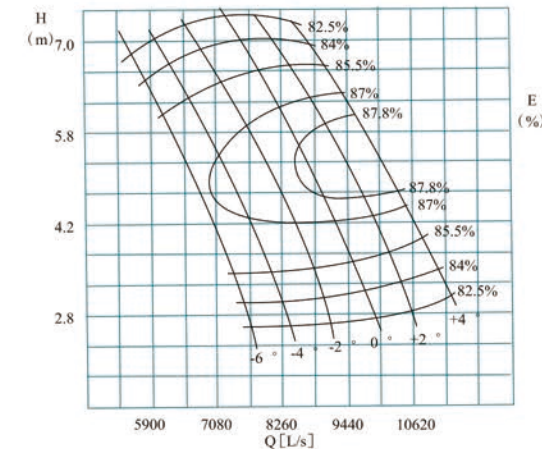
1600ZQB-85型潜水轴流泵性能表

1600ZQB-85 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |       | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|-------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s   |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 23421           | 6506  | 7.4              | 295                   | 82.7              | 571.1              | 600                 | 1540                               |
|                                  | 26316           | 7310  | 5.8              |                       | 85.2              | 488.2              |                     |                                    |
|                                  | 28948           | 8041  | 4                |                       | 82.7              | 381.5              |                     |                                    |
| -2°                              | 25000           | 6944  | 7.5              | 295                   | 82.7              | 617.8              | 630                 | 1540                               |
|                                  | 27895           | 7749  | 6.2              |                       | 85.2              | 553.2              |                     |                                    |
|                                  | 31579           | 8772  | 4                |                       | 82.7              | 416.2              |                     |                                    |
| 0°                               | 27369           | 7603  | 7.7              | 295                   | 82.7              | 694.4              | 750                 | 1540                               |
|                                  | 30528           | 8480  | 6.2              |                       | 85.9              | 600.4              |                     |                                    |
|                                  | 33948           | 9430  | 4.2              |                       | 82.7              | 469.8              |                     |                                    |
| +2°                              | 28948           | 8041  | 7.9              | 295                   | 82.7              | 753.5              | 800                 | 1540                               |
|                                  | 32893           | 9137  | 6.2              |                       | 85.9              | 646.9              |                     |                                    |
|                                  | 36184           | 10051 | 4.3              |                       | 82.7              | 512.7              |                     |                                    |
| +4°                              | 31579           | 8772  | 8.1              | 295                   | 84.2              | 827.8              | 850                 | 1540                               |
|                                  | 35000           | 9722  | 6.6              |                       | 85.9              | 732.8              |                     |                                    |
|                                  | 38421           | 10673 | 4.6              |                       | 82.7              | 582.4              |                     |                                    |

1600ZQB-100型潜水轴流泵性能曲线图

1600ZQB-100 type submersible axial pump performance curve



1600ZQB-100型潜水轴流泵性能表

1600ZQB-100 type submersible axial pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |       | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|-------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s   |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -6°                              | 22104           | 6140  | 5.6              | 295                   | 85.5              | 394.5              | 425                 | 1540                               |
|                                  | 24012           | 6670  | 4.8              |                       | 86                | 365.2              |                     |                                    |
|                                  | 26748           | 7430  | 3.2              |                       | 84.8              | 275.1              |                     |                                    |
| -4°                              | 23796           | 6610  | 6                | 295                   | 85.5              | 455.0              | 475                 | 1540                               |
|                                  | 26424           | 7340  | 4.7              |                       | 87                | 389.0              |                     |                                    |
|                                  | 29160           | 8100  | 3.2              |                       | 84.5              | 300.9              |                     |                                    |
| -2°                              | 26244           | 7290  | 6.1              | 295                   | 85.6              | 509.6              | 530                 | 1540                               |
|                                  | 29052           | 8070  | 4.9              |                       | 87                | 445.9              |                     |                                    |
|                                  | 32040           | 8900  | 3.2              |                       | 84.2              | 331.8              |                     |                                    |
| 0°                               | 28224           | 7840  | 6.4              | 295                   | 85.6              | 575.0              | 600                 | 1540                               |
|                                  | 31572           | 8770  | 5                |                       | 87.8              | 489.9              |                     |                                    |
|                                  | 34848           | 9680  | 3.35             |                       | 84.2              | 377.8              |                     |                                    |
| +2°                              | 30168           | 8380  | 6.5              | 295                   | 85.5              | 625.0              | 670                 | 1540                               |
|                                  | 33624           | 9340  | 5.2              |                       | 87.8              | 542.7              |                     |                                    |
|                                  | 37152           | 10320 | 3.5              |                       | 84.5              | 419.3              |                     |                                    |
| +4°                              | 31762           | 8823  | 6.5              | 295                   | 85.5              | 658.0              | 710                 | 1540                               |
|                                  | 35892           | 9970  | 5.2              |                       | 87.8              | 579.3              |                     |                                    |
|                                  | 39348           | 10930 | 3.5              |                       | 84.5              | 444.1              |                     |                                    |





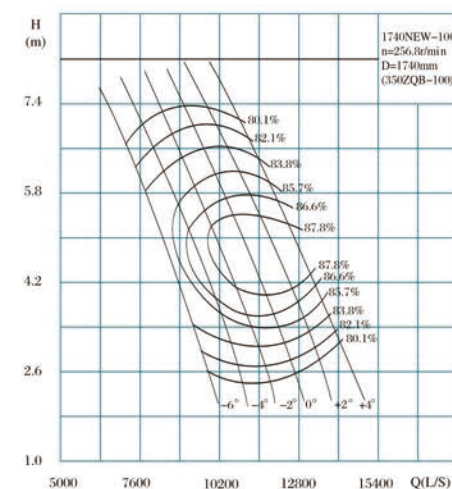


**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

1800ZQB-100型潜水电泵性能曲线图

Characteristic curve of 1800ZQB-100 Axial flow sub.motor-pump



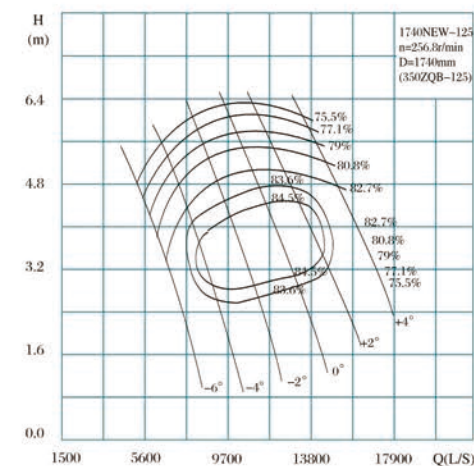
1800ZQB-100型潜水电泵性能表

Characteristic of 1800ZQB-100 Axial flow sub.motor-pump

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |       | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|-------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s   |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -6°                              | 28693             | 7970  | 5.55             | 256.8                 | 85.52             | 512.1              | 560                 | 1740                               |
|                                  | 32423             | 9006  | 3.95             |                       | 86.20             | 409.2              |                     |                                    |
|                                  | 35238             | 9788  | 2.63             |                       | 80.31             | 317.1              |                     |                                    |
| -4°                              | 31853             | 8848  | 5.71             |                       | 86.23             | 576.7              | 630                 |                                    |
|                                  | 35504             | 9862  | 4.14             |                       | 88.05             | 459.7              |                     |                                    |
|                                  | 38356             | 1054  | 2.83             |                       | 83.75             | 357.2              |                     |                                    |
| -2°                              | 34133             | 9481  | 5.86             |                       | 86.65             | 634.8              | 710                 |                                    |
|                                  | 38104             | 10584 | 4.32             |                       | 88.68             | 505.8              |                     |                                    |
|                                  | 41146             | 11429 | 3.04             |                       | 84.47             | 406.9              |                     |                                    |
| 0°                               | 36729             | 10203 | 6.02             |                       | 86.85             | 701.0              | 800                 |                                    |
|                                  | 40775             | 11326 | 4.51             |                       | 88.68             | 570.4              |                     |                                    |
|                                  | 43803             | 12168 | 3.24             |                       | 85.35             | 457.6              |                     |                                    |
| +2°                              | 39184             | 10884 | 6.19             | 86.55                 | 771.5             | 900                |                     |                                    |
|                                  | 43571             | 12103 | 4.74             | 88.68                 | 635.9             |                    |                     |                                    |
|                                  | 46671             | 12964 | 3.47             | 85.48                 | 521.9             |                    |                     |                                    |
| +4°                              | 41592             | 11553 | 6.37             | 84.36                 | 864.2             | 1100               |                     |                                    |
|                                  | 46063             | 12795 | 4.92             | 88.68                 | 703.9             |                    |                     |                                    |
|                                  | 49451             | 13736 | 3.72             | 85.62                 | 590.9             |                    |                     |                                    |

1800ZQB-125型潜水电泵性能曲线图

Characteristic curve of 1800ZQB-125 Axial flow sub.motor-pump



1800ZQB-125型潜水电泵性能表

Characteristic of 1800ZQB-125 Axial flow sub.motor-pump

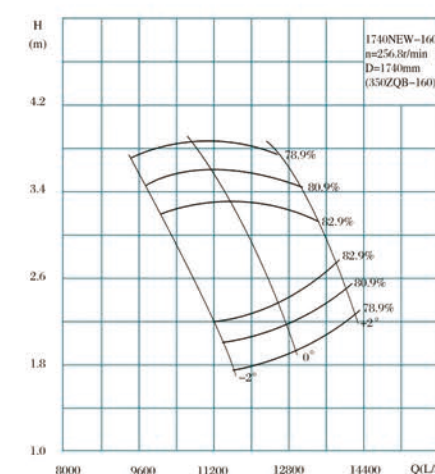
| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |       | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|-------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s   |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -6°                              | 21681             | 6023  | 3.93             | 256.8                 | 81.29             | 288.1              | 330                 | 1740                               |
|                                  | 24982             | 6939  | 2.82             |                       | 83.10             | 232.9              |                     |                                    |
|                                  | 27657             | 7683  | 1.79             |                       | 75.98             | 179.6              |                     |                                    |
| -4°                              | 27898             | 7749  | 4.21             |                       | 84.24             | 383.2              | 425                 |                                    |
|                                  | 31840             | 8844  | 2.92             |                       | 85.34             | 299.7              |                     |                                    |
|                                  | 33917             | 9421  | 2.14             |                       | 80.82             | 247.5              |                     |                                    |
| -2°                              | 33939             | 9428  | 4.54             |                       | 84.53             | 502.0              | 560                 |                                    |
|                                  | 37870             | 10519 | 3.30             |                       | 85.34             | 403.0              |                     |                                    |
|                                  | 40789             | 11330 | 2.31             |                       | 83.10             | 311.9              |                     |                                    |
| 0°                               | 39421             | 10950 | 4.91             |                       | 83.92             | 634.7              | 710                 |                                    |
|                                  | 43781             | 12161 | 3.74             |                       | 85.34             | 527.7              |                     |                                    |
|                                  | 47046             | 13068 | 2.81             |                       | 84.04             | 432.6              |                     |                                    |
| +2°                              | 43849             | 12180 | 5.24             | 82.84                 | 763.8             | 900                |                     |                                    |
|                                  | 48544             | 13484 | 4.14             | 85.34                 | 647.6             |                    |                     |                                    |
|                                  | 52086             | 14468 | 3.26             | 84.26                 | 554.3             |                    |                     |                                    |
| +4°                              | 49653             | 13793 | 5.74             | 78.49                 | 998.4             | 1100               |                     |                                    |
|                                  | 54552             | 15153 | 4.70             | 83.93                 | 840.5             |                    |                     |                                    |
|                                  | 58084             | 16134 | 3.86             | 83.39                 | 739.8             |                    |                     |                                    |

**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

1800ZQB-160型潜水电泵性能曲线图

Characteristic curve of 1800ZQB-160 Axial flow sub.motor-pump



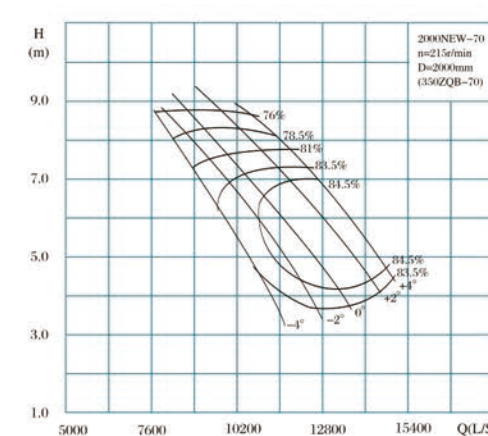
1800ZQB-160型潜水电泵性能表

Characteristic of 1800ZQB-160 Axial flow sub.motor-pump

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |       | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|-------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s   |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -2°                              | 36181             | 10050 | 3.26             | 256.8                 | 82.60             | 392.3              | 450                 | 1740                               |
|                                  | 39612             | 11003 | 2.39             |                       | 83.72             | 311.5              |                     |                                    |
|                                  | 41301             | 11473 | 1.91             |                       | 81.71             | 266.5              |                     |                                    |
| 0°                               | 41218             | 11449 | 3.41             |                       | 82.85             | 466.6              | 500                 |                                    |
|                                  | 44008             | 12224 | 2.72             |                       | 83.72             | 393.3              |                     |                                    |
|                                  | 45603             | 12668 | 2.25             |                       | 83.07             | 339.3              |                     |                                    |
| +2°                              | 46639             | 12955 | 3.53             |                       | 81.04             | 558.0              | 630                 |                                    |
|                                  | 48555             | 13488 | 3.09             |                       | 83.72             | 493.6              |                     |                                    |
|                                  | 50103             | 13918 | 2.63             |                       | 83.20             | 435.6              |                     |                                    |

2000ZQB-70型潜水电泵性能曲线图

Characteristic curve of 2000ZQB-70 Axial flow sub.motor-pump



2000ZQB-70型潜水电泵性能表

Characteristic of 2000ZQB-70 Axial flow sub.motor-pump

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |       | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|-------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s   |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 32509             | 9030  | 7.02             | 215                   | 82.59             | 759.8              | 800                 | 2000                               |
|                                  | 37719             | 10478 | 4.97             |                       | 84.64             | 609.2              |                     |                                    |
|                                  | 40739             | 11316 | 3.67             |                       | 82.75             | 496.9              |                     |                                    |
| -2°                              | 35155             | 9765  | 7.11             |                       | 83.92             | 819.1              | 900                 |                                    |
|                                  | 41409             | 11503 | 5.06             |                       | 85.34             | 676.2              |                     |                                    |
|                                  | 44497             | 12360 | 3.89             |                       | 94.89             | 562.4              |                     |                                    |
| 0°                               | 37330             | 10369 | 7.18             |                       | 84.02             | 878.2              | 1000                |                                    |
|                                  | 44253             | 12293 | 5.14             |                       | 85.34             | 734.1              |                     |                                    |
|                                  | 47503             | 13195 | 4.09             |                       | 85.31             | 626.6              |                     |                                    |
| +2°                              | 40872             | 11353 | 7.32             |                       | 84.06             | 979.2              | 1100                |                                    |
|                                  | 48144             | 13373 | 5.26             |                       | 85.34             | 817.0              |                     |                                    |
|                                  | 51078             | 14188 | 4.34             |                       | 85.20             | 715.5              |                     |                                    |
| +4°                              | 43637             | 12121 | 7.43             | 83.53                 | 1068.4            | 1200               |                     |                                    |
|                                  | 50855             | 14126 | 5.35             | 85.34                 | 877.5             |                    |                     |                                    |
|                                  | 53335             | 14815 | 4.50             | 84.55                 | 781.7             |                    |                     |                                    |

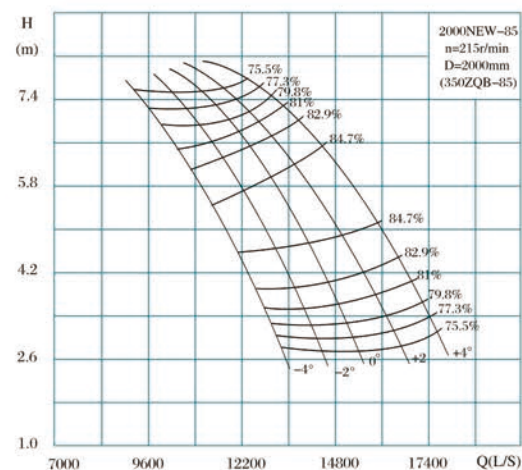


**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

2000ZQB-85型潜水电泵性能曲线图

Characteristic curve of 2000ZQB-85 Axial flow sub.motor-pump



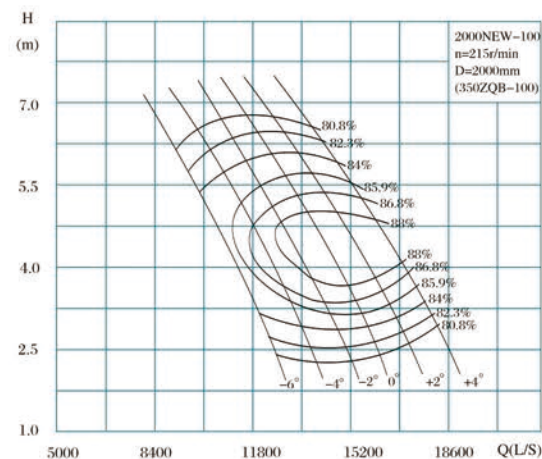
2000ZQB-85型潜水电泵性能表

Characteristic of 2000ZQB-85 Axial flow sub.motor-pump

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |       | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|-------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s   |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 36347             | 10096 | 6.83             | 215                   | 80.87             | 845.2              | 900                 | 1740                               |
|                                  | 42186             | 11718 | 5.02             |                       | 85.54             | 681.2              |                     |                                    |
|                                  | 46758             | 12988 | 3.18             |                       | 78.87             | 519.5              |                     |                                    |
| -2°                              | 39781             | 10096 | 6.94             |                       | 80.69             | 941.5              | 1000                |                                    |
|                                  | 45894             | 11718 | 5.15             |                       | 85.54             | 760.7              |                     |                                    |
|                                  | 50592             | 12988 | 3.34             |                       | 81.22             | 571.7              |                     |                                    |
| 0°                               | 42733             | 11870 | 7.84             |                       | 79.79             | 1037.3             | 1100                |                                    |
|                                  | 49098             | 13638 | 5.28             |                       | 85.54             | 833.2              |                     |                                    |
|                                  | 53793             | 14943 | 3.47             |                       | 81.96             | 626.8              |                     |                                    |
| +2°                              | 45055             | 12515 | 7.12             |                       | 81.04             | 1089.6             | 1200                |                                    |
|                                  | 52299             | 14528 | 5.41             |                       | 85.54             | 909.0              |                     |                                    |
|                                  | 57688             | 16024 | 3.65             |                       | 81.42             | 710.9              |                     |                                    |
| +4°                              | 48292             | 13414 | 7.24             | 82.30                 | 1169.6            | 1100               |                     |                                    |
|                                  | 55899             | 15528 | 5.56             | 85.54                 | 1000.5            |                    |                     |                                    |
|                                  | 61403             | 17056 | 3.83             | 81.40                 | 794.0             |                    |                     |                                    |

2000ZQB-100型潜水电泵性能曲线图

Characteristic curve of 2000ZQB-100 Axial flow sub.motor-pump



2000ZQB-100型潜水电泵性能表

Characteristic of 2000ZQB-100 Axial flow sub.motor-pump

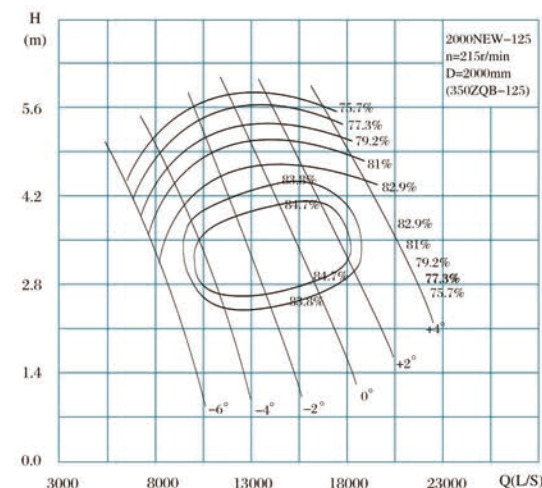
| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |       | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|-------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s   |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -6°                              | 34705             | 9640  | 5.64             | 215                   | 83.57             | 645.1              | 710                 | 2000                               |
|                                  | 40293             | 11193 | 3.96             |                       | 86.95             | 505.6              |                     |                                    |
|                                  | 44425             | 12340 | 2.57             |                       | 81.61             | 384.3              |                     |                                    |
| -4°                              | 38593             | 10720 | 5.73             |                       | 85.21             | 749.8              | 800                 |                                    |
|                                  | 44415             | 12338 | 4.07             |                       | 88.68             | 560.2              |                     |                                    |
|                                  | 48627             | 13508 | 2.68             |                       | 84.16             | 425.7              |                     |                                    |
| -2°                              | 41959             | 11655 | 5.80             |                       | 85.59             | 783.0              | 900                 |                                    |
|                                  | 47896             | 13304 | 4.16             |                       | 88.88             | 616.5              |                     |                                    |
|                                  | 52385             | 14551 | 2.79             |                       | 84.55             | 475.0              |                     |                                    |
| 0°                               | 45448             | 12624 | 5.89             |                       | 86.05             | 856.3              | 1000                |                                    |
|                                  | 54546             | 15152 | 4.26             |                       | 88.88             | 680.1              |                     |                                    |
|                                  | 56021             | 15561 | 2.90             |                       | 84.77             | 527.1              |                     |                                    |
| +2°                              | 18749             | 13541 | 5.98             | 85.39                 | 939.6             | 1000               |                     |                                    |
|                                  | 55247             | 15346 | 4.37             | 88.88                 | 748.2             |                    |                     |                                    |
|                                  | 59970             | 16658 | 3.03             | 84.45                 | 592.2             |                    |                     |                                    |
| +4°                              | 52068             | 14463 | 6.08             | 83.85                 | 1038.4            | 1100               |                     |                                    |
|                                  | 58847             | 16346 | 4.49             | 88.88                 | 818.5             |                    |                     |                                    |
|                                  | 63894             | 17748 | 3.17             | 84.19                 | 661.9             |                    |                     |                                    |

**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

2000ZQB-125型潜水电泵性能曲线图

Characteristic curve of 2000ZQB-125 Axial flow sub.motor-pump



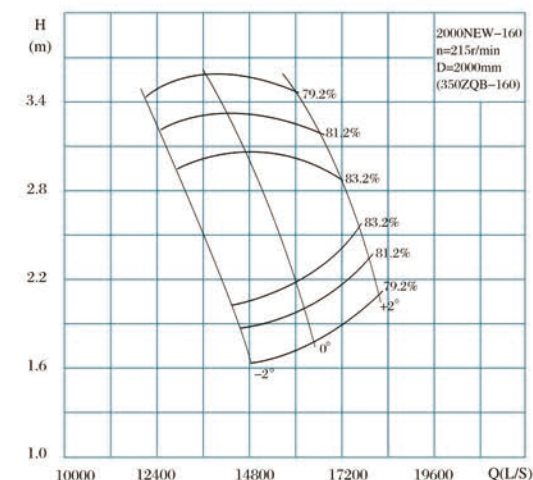
2000ZQB-125型潜水电泵性能表

Characteristic of 2000ZQB-125 Axial flow sub.motor-pump

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |       | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|-------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s   |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -6°                              | 25061             | 6961  | 4.18             | 215                   | 78.36             | 367.8              | 400                 | 2000                               |
|                                  | 31138             | 8649  | 2.78             |                       | 84.56             | 281.4              |                     |                                    |
|                                  | 35191             | 9775  | 1.65             |                       | 76.14             | 210.4              |                     |                                    |
| -4°                              | 33401             | 9278  | 4.32             |                       | 82.62             | 480.5              | 560                 |                                    |
|                                  | 35915             | 9976  | 2.95             |                       | 85.54             | 374.6              |                     |                                    |
|                                  | 43601             | 12111 | 1.84             |                       | 79.82             | 277.3              |                     |                                    |
| -2°                              | 41790             | 11608 | 4.50             |                       | 83.91             | 616.8              | 710                 |                                    |
|                                  | 47727             | 13258 | 3.15             |                       | 85.54             | 484.0              |                     |                                    |
|                                  | 52093             | 14470 | 2.08             |                       | 82.97             | 358.9              |                     |                                    |
| 0°                               | 49343             | 13706 | 4.70             |                       | 83.59             | 763.1              | 800                 |                                    |
|                                  | 55996             | 15554 | 3.40             |                       | 85.54             | 612.1              |                     |                                    |
|                                  | 60941             | 16928 | 2.36             |                       | 83.00             | 477.5              |                     |                                    |
| +2°                              | 55618             | 15449 | 4.89             | 82.93                 | 901.8             | 1000               |                     |                                    |
|                                  | 62875             | 17465 | 3.63             | 85.54                 | 734.7             |                    |                     |                                    |
|                                  | 68297             | 18971 | 2.64             | 82.12                 | 603.3             |                    |                     |                                    |
| +4°                              | 64045             | 17790 | 5.17             | 79.54                 | 1146.5            | 1000               |                     |                                    |
|                                  | 71605             | 19890 | 3.97             | 84.70                 | 923.2             |                    |                     |                                    |
|                                  | 76948             | 21374 | 3                | 79.90                 | 794.1             |                    |                     |                                    |

2000ZQB-160型潜水电泵性能曲线图

Characteristic curve of 2000ZQB-160 Axial flow sub.motor-pump



2000ZQB-160型潜水电泵性能表

Characteristic of 2000ZQB-160 Axial flow sub.motor-pump

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |       | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|-------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s   |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -2°                              | 45189             | 12553 | 3.15             | 215                   | 81.94             | 478.6              | 560                 | 2000                               |
|                                  | 50027             | 13896 | 2.28             |                       | 84.03             | 373.3              |                     |                                    |
|                                  | 52590             | 14608 | 1.75             |                       | 81.86             | 309.4              |                     |                                    |
| 0°                               | 51348             | 14263 | 3.32             |                       | 81.95             | 571.7              | 630                 |                                    |
|                                  | 56219             | 15616 | 2.46             |                       | 84.03             | 452.4              |                     |                                    |
|                                  | 58599             | 16278 | 1.93             |                       | 81.84             | 380.6              |                     |                                    |
| +2°                              | 58140             | 16150 | 3.42             |                       | 80.47             | 672.9              | 710                 |                                    |
|                                  | 62699             | 17416 | 2.67             |                       | 84.03             | 547.5              |                     |                                    |
|                                  | 64852             | 18014 | 2.14             |                       | 81.48             | 468.8              |                     |                                    |

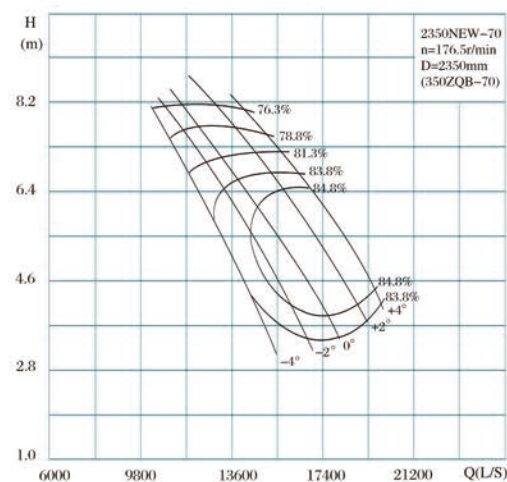


**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

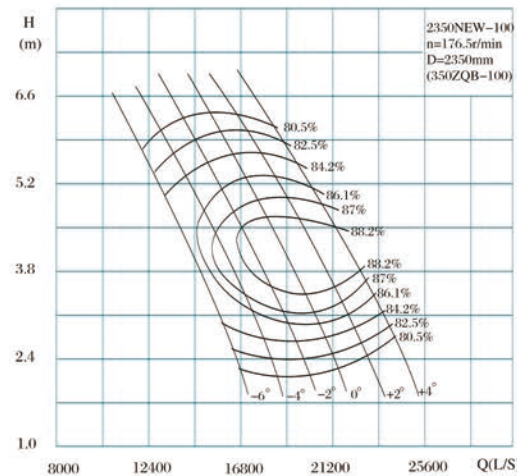
2400ZQBX-70型潜水电泵性能曲线图

Characteristic curve of 2400ZQBX-70 Axial flow sub.motor-pump



2400ZQBX-100型潜水电泵性能曲线图

Characteristic curve of 2400ZQBX-100 Axial flow sub.motor-pump



2400ZQBX-70型潜水电泵性能表

Characteristic of 2400ZQBX-70 Axial flow sub.motor-pump

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |       | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|-------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s   |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 46891             | 13025 | 5.57             | 176.5                 | 84.80             | 847.3              | 900                 | 2350                               |
|                                  | 50232             | 13953 | 4.62             |                       | 84.95             | 752.2              |                     |                                    |
|                                  | 54009             | 15003 | 3.49             |                       | 83.24             | 623.0              |                     |                                    |
| -2°                              | 52083             | 14468 | 5.45             |                       | 85.64             | 912.8              | 1000                |                                    |
|                                  | 55877             | 15521 | 4.52             |                       | 85.64             | 812.1              |                     |                                    |
|                                  | 59376             | 16493 | 3.59             |                       | 85.05             | 689.9              |                     |                                    |
| 0°                               | 55549             | 15430 | 5.52             |                       | 85.64             | 984.8              | 1100                |                                    |
|                                  | 59790             | 16608 | 4.60             |                       | 85.64             | 883.6              |                     |                                    |
|                                  | 63783             | 17718 | 3.68             |                       | 85.32             | 757.5              |                     |                                    |
| +2°                              | 60672             | 16853 | 5.62             |                       | 85.64             | 1095.1             | 1200                |                                    |
|                                  | 64996             | 18054 | 4.71             |                       | 85.64             | 983.3              |                     |                                    |
|                                  | 69046             | 19179 | 3.80             |                       | 84.67             | 852.5              |                     |                                    |
| +4°                              | 64427             | 17896 | 5.70             | 85.64                 | 1179.2            | 1300               |                     |                                    |
|                                  | 68542             | 19039 | 4.79             | 85.64                 | 1054.4            |                    |                     |                                    |
|                                  | 72293             | 20081 | 3.88             | 83.08                 | 928.2             |                    |                     |                                    |

2400ZQBX-100型潜水电泵性能表

Characteristic of 2400ZQBX-100 Axial flow sub.motor-pump

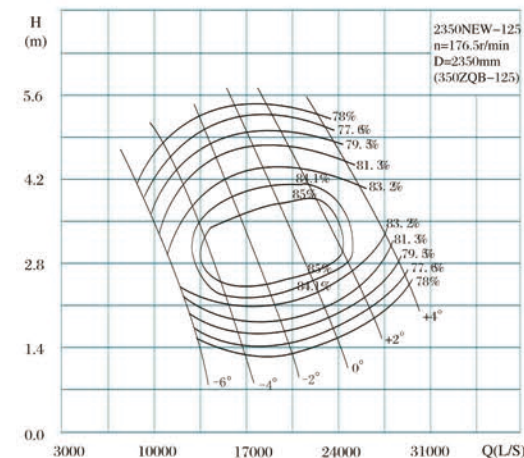
| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |       | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|-------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s   |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -6°                              | 49395             | 13721 | 4.57             | 176.5                 | 86.60             | 720.6              | 800                 | 2350                               |
|                                  | 54703             | 15195 | 3.45             |                       | 86.70             | 599.6              |                     |                                    |
|                                  | 58624             | 16284 | 2.52             |                       | 82.86             | 490.9              |                     |                                    |
| -4°                              | 54941             | 15261 | 4.66             |                       | 87.40             | 805.7              | 900                 |                                    |
|                                  | 60215             | 16726 | 3.55             |                       | 88.39             | 665.5              |                     |                                    |
|                                  | 64204             | 17834 | 2.63             |                       | 84.91             | 546.3              |                     |                                    |
| -2°                              | 59416             | 16504 | 4.74             |                       | 88.12             | 878.7              | 1000                |                                    |
|                                  | 64895             | 18026 | 3.64             |                       | 89.08             | 729.5              |                     |                                    |
|                                  | 69161             | 19211 | 2.73             |                       | 85.50             | 606.6              |                     |                                    |
| 0°                               | 64218             | 17838 | 4.83             |                       | 88.46             | 964.0              | 1100                |                                    |
|                                  | 69777             | 19383 | 3.74             |                       | 89.08             | 805.8              |                     |                                    |
|                                  | 74014             | 20559 | 2.83             |                       | 86.02             | 670.3              |                     |                                    |
| +2°                              | 68837             | 19121 | 4.92             | 88.36                 | 1054.5            | 1100               |                     |                                    |
|                                  | 74737             | 20760 | 3.85             | 89.08                 | 888.3             |                    |                     |                                    |
|                                  | 79219             | 22005 | 2.95             | 85.42                 | 753.4             |                    |                     |                                    |
| +4°                              | 73413             | 20393 | 5.02             | 87.04                 | 1164.6            | 1300               |                     |                                    |
|                                  | 79615             | 22115 | 3.96             | 89.08                 | 974.4             |                    |                     |                                    |
|                                  | 84407             | 23446 | 3.08             | 85.12                 | 840.7             |                    |                     |                                    |

**ZQB系列潜水轴流泵技术参数**

ZQB Series submersible axial pump technology performance

2400ZQBX-125型潜水电泵性能曲线图

Characteristic curve of 2400ZQBX-125 Axial flow sub.motor-pump



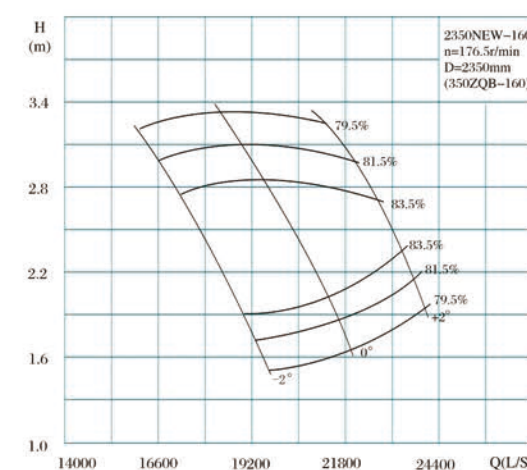
2400ZQBX-125型潜水电泵性能表

Characteristic of 2400ZQBX-125 Axial flow sub.motor-pump

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |       | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|-------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s   |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -6°                              | 32884             | 9134  | 3.96             | 176.5                 | 78.18             | 458.3              | 500                 | 2000                               |
|                                  | 41099             | 11416 | 2.65             |                       | 85.07             | 352.4              |                     |                                    |
|                                  | 46006             | 12779 | 1.71             |                       | 77.49             | 280.0              |                     |                                    |
| -4°                              | 43979             | 12216 | 4.09             |                       | 82.47             | 599.8              | 630                 |                                    |
|                                  | 52252             | 14514 | 2.81             |                       | 85.85             | 469.9              |                     |                                    |
|                                  | 57202             | 15889 | 1.89             |                       | 81.84             | 362.7              |                     |                                    |
| -2°                              | 55236             | 15343 | 4.25             |                       | 84.05             | 769.7              | 800                 |                                    |
|                                  | 63210             | 17558 | 2.99             |                       | 85.85             | 606.5              |                     |                                    |
|                                  | 68452             | 19014 | 2.10             |                       | 84.04             | 469.7              |                     |                                    |
| 0°                               | 65223             | 18118 | 4.43             |                       | 83.57             | 951.7              | 1000                |                                    |
|                                  | 74169             | 20603 | 3.22             |                       | 85.85             | 764.7              |                     |                                    |
|                                  | 80112             | 22253 | 2.35             |                       | 84.16             | 616.3              |                     |                                    |
| +2°                              | 73553             | 20431 | 4.60             | 82.89                 | 1124              | 1200               |                     |                                    |
|                                  | 83323             | 23145 | 3.43             | 85.85                 | 916.3             |                    |                     |                                    |
|                                  | 89847             | 24958 | 2.60             | 83.58                 | 768.5             |                    |                     |                                    |

2400ZQBX-160型潜水电泵性能曲线图

Characteristic curve of 2400ZQBX-160 Axial flow sub.motor-pump



2400ZQBX-160型潜水电泵性能表

Characteristic of 2400ZQBX-160 Axial flow sub.motor-pump

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |       | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|-------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s   |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -2°                              | 61752             | 17153 | 2.75             | 176.5                 | 83.92             | 556.9              | 630                 | 2350                               |
|                                  | 65849             | 18291 | 2.23             |                       | 84.33             | 478.2              |                     |                                    |
|                                  | 69561             | 19323 | 1.70             |                       | 82.86             | 392.3              |                     |                                    |
| 0°                               | 70055             | 19460 | 2.91             |                       | 83.68             | 669.9              | 710                 |                                    |
|                                  | 74154             | 20598 | 2.39             |                       | 84.33             | 579.2              |                     |                                    |
|                                  | 77610             | 21558 | 1.87             |                       | 82.91             | 481.5              |                     |                                    |
| +2°                              | 78445             | 21790 | 3.09             |                       | 81.46             | 818.3              | 900                 |                                    |
|                                  | 82729             | 22980 | 2.59             |                       | 84.33             | 698.5              |                     |                                    |
|                                  | 85951             | 23875 | 2.07             |                       | 82.30             | 593.8              |                     |                                    |

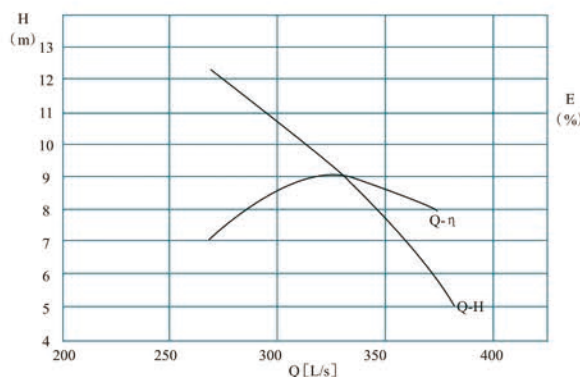


**HQB系列潜水混流泵技术参数**

HQB Type submersible mixed-flow pump technology performance

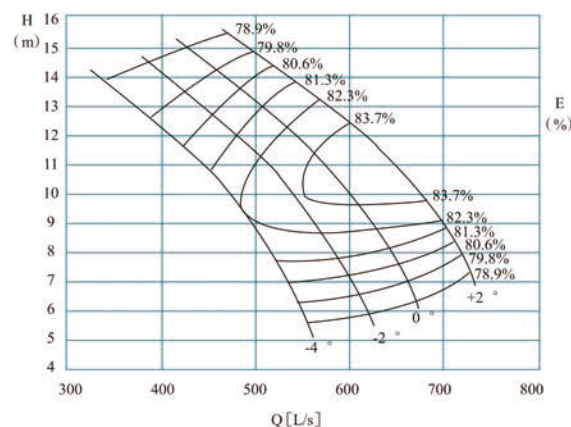
350HQB-50型潜水混流泵性能曲线图

350HQB-50 type submersible mixed-flow pump performance curve



500HQB-50型潜水混流泵性能曲线图

500HQB-50 type submersible mixed-flow pump performance curve

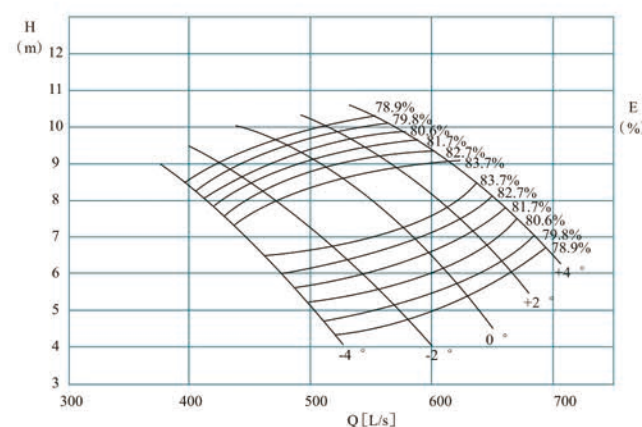


**HQB系列潜水混流泵技术参数**

HQB Type submersible mixed-flow pump technology performance

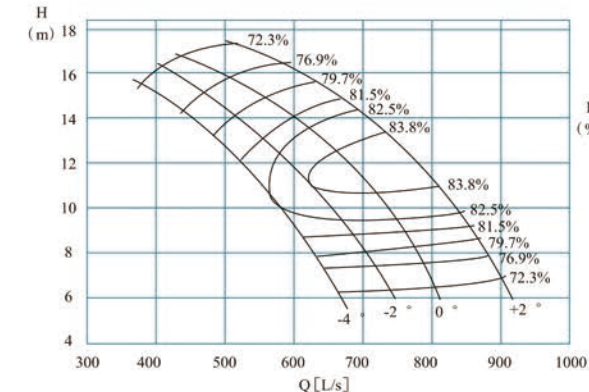
500HQB-50A型潜水混流泵性能曲线图

500HQB-50A type submersible mixed-flow pump performance curve



600HQB-50型潜水混流泵性能曲线图

600HQB-50 type submersible mixed-flow pump performance curve



350HQB-50型潜水混流泵性能表

350HQB-50 type submersible mixed-flow pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |       | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|-------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s   |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 1061              | 293   | 11.21            | 1450                  | 80.0              | 40.0               | 45                  | 332                                |
|                                  | 1110              | 308   | 10.20            |                       | 81.0              | 38.1               |                     |                                    |
|                                  | 1143              | 317.6 | 9.75             |                       | 82.0              | 37.3               |                     |                                    |

500HQB-50型潜水混流泵性能表

500HQB-50 type submersible mixed-flow pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |     | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|-----|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 1620              | 450 | 10.80            | 980                   | 81.4              | 58.6               | 65                  | 424.5                              |
|                                  | 1775              | 493 | 9.20             |                       | 82.3              | 54.1               |                     |                                    |
|                                  | 1861              | 517 | 8.00             |                       | 81.4              | 49.8               |                     |                                    |
| -2°                              | 1757              | 488 | 11.70            | 980                   | 81.4              | 68.8               | 75                  | 424.5                              |
|                                  | 1948              | 541 | 10.00            |                       | 83.7              | 63.4               |                     |                                    |
|                                  | 2102              | 584 | 8.00             |                       | 81.4              | 56.3               |                     |                                    |
| 0°                               | 1872              | 520 | 12.60            | 980                   | 81.4              | 79.0               | 90                  | 424.5                              |
|                                  | 2157              | 599 | 10.00            |                       | 84                | 70.0               |                     |                                    |
|                                  | 2318              | 644 | 8.00             |                       | 81.4              | 62.1               |                     |                                    |
| +2°                              | 2016              | 560 | 13.40            | 980                   | 81.4              | 90.4               | 110                 | 424.5                              |
|                                  | 2340              | 650 | 11.00            |                       | 84.0              | 83.5               |                     |                                    |
|                                  | 2567              | 713 | 8.20             |                       | 81.4              | 70.5               |                     |                                    |

500HQB-50A型潜水混流泵性能表

500HQB-50A type submersible mixed-flow pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |     | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|-----|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 1494              | 415 | 8.00             | 980                   | 80.6              | 40.4               | 55                  | 424.5                              |
|                                  | 1620              | 450 | 6.80             |                       | 83.7              | 35.9               |                     |                                    |
|                                  | 1800              | 500 | 5.20             |                       | 80.6              | 31.6               |                     |                                    |
| -2°                              | 1620              | 450 | 8.50             | 980                   | 81.7              | 45.9               | 75                  | 424.5                              |
|                                  | 1800              | 500 | 7.30             |                       | 83.7              | 42.8               |                     |                                    |
|                                  | 1958              | 544 | 6.00             |                       | 81.7              | 39.2               |                     |                                    |
| 0°                               | 1728              | 480 | 9.50             | 980                   | 79.8              | 56.1               | 90                  | 424.5                              |
|                                  | 1980              | 550 | 8.00             |                       | 83.7              | 51.6               |                     |                                    |
|                                  | 2196              | 610 | 6.00             |                       | 80.6              | 44.5               |                     |                                    |
| +2°                              | 1958              | 544 | 9.50             | 980                   | 81.7              | 62.0               | 110                 | 424.5                              |
|                                  | 2160              | 600 | 8.20             |                       | 83.7              | 57.7               |                     |                                    |
|                                  | 2318              | 644 | 6.80             |                       | 80.6              | 53.3               |                     |                                    |
| +4°                              | 2052              | 570 | 10.00            | 980                   | 80.0              | 69.9               | 132                 | 424.5                              |
|                                  | 2268              | 630 | 8.70             |                       | 83.7              | 64.2               |                     |                                    |
|                                  | 2466              | 685 | 7.00             |                       | 79.8              | 58.9               |                     |                                    |

600HQB-50型潜水混流泵性能表

600HQB-50 type submersible mixed-flow pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |     | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|-----|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 1602              | 445 | 14.30            | 980                   | 77.0              | 81.1               | 90                  | 471                                |
|                                  | 2088              | 580 | 10.20            |                       | 82.5              | 70.3               |                     |                                    |
|                                  | 2304              | 640 | 7.42             |                       | 77.0              | 60.5               |                     |                                    |
| -2°                              | 1710              | 475 | 15.20            | 980                   | 77.0              | 92.0               | 110                 | 471                                |
|                                  | 2322              | 645 | 11.00            |                       | 83.0              | 83.9               |                     |                                    |
|                                  | 2574              | 715 | 7.50             |                       | 77.0              | 68.3               |                     |                                    |
| 0°                               | 1847              | 513 | 15.90            | 980                   | 77.0              | 103.9              | 132                 | 471                                |
|                                  | 2459              | 683 | 12.00            |                       | 83.9              | 95.8               |                     |                                    |
|                                  | 2844              | 790 | 7.65             |                       | 77.0              | 77.0               |                     |                                    |
| +2°                              | 2052              | 570 | 16.80            | 980                   | 77.0              | 122.0              | 132                 | 471                                |
|                                  | 2808              | 780 | 12.00            |                       | 83.9              | 109.4              |                     |                                    |
|                                  | 3186              | 885 | 7.90             |                       | 77.0              | 89.1               |                     |                                    |

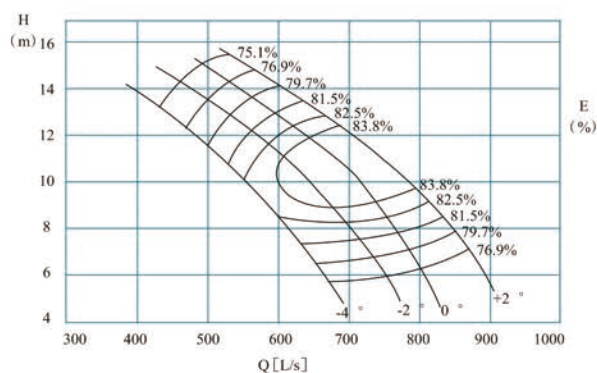


**HQB系列潜水混流泵技术参数**

HQB Type submersible mixed-flow pump technology performance

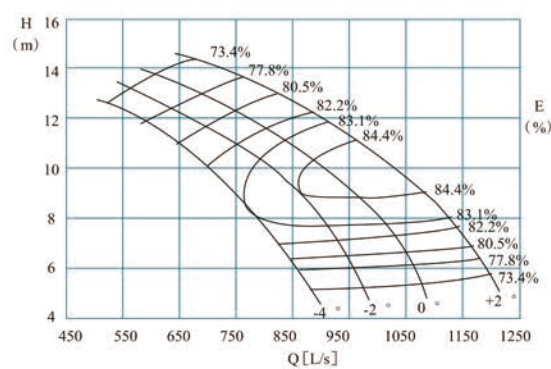
600HQB-50A型潜水混流泵性能曲线图

600HQB-50A type submersible mixed-flow pump performance curve



700HQB-50型潜水混流泵性能曲线图

700HQB-50 type submersible mixed-flow pump performance curve

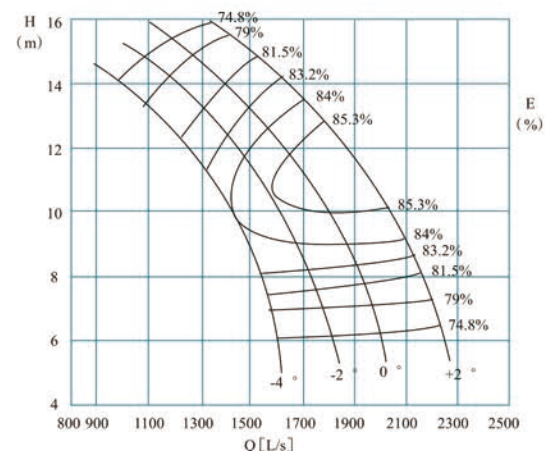


**HQB系列潜水混流泵技术参数**

HQB Type submersible mixed-flow pump technology performance

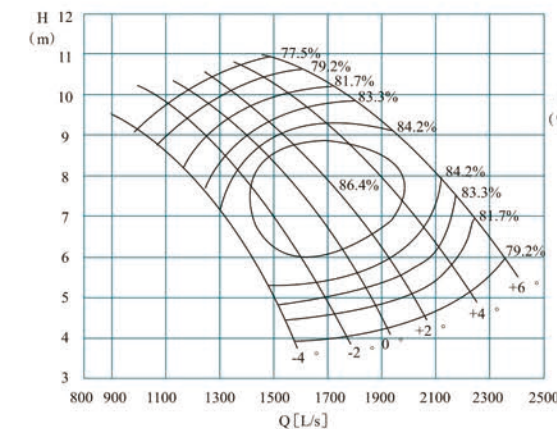
900HQB-50型潜水混流泵性能曲线图

900HQB-50 type submersible mixed-flow pump performance curve



900HQB-50D型潜水混流泵性能曲线图

900HQB-50D type submersible mixed-flow pump performance curve



600HQB-50A型潜水混流泵性能表

600HQB-50A type submersible mixed-flow pump performance data

700HQB-50型潜水混流泵性能表

700HQB-50 type submersible mixed-flow pump performance data

900HQB-50型潜水混流泵性能表

900HQB-50 type submersible mixed-flow pump performance data

900HQB-50D型潜水混流泵性能表

900HQB-50D type submersible mixed-flow pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |     | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|-----|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 1602              | 445 | 12.90            | 980                   | 77.0              | 73.1               | 75                  | 471                                |
|                                  | 2106              | 585 | 9.00             |                       | 82.5              | 62.6               |                     |                                    |
|                                  | 2412              | 670 | 5.80             |                       | 77.0              | 49.5               |                     |                                    |
| -2°                              | 1782              | 495 | 13.65            | 77.0                  | 86.1              | 90                 |                     |                                    |
|                                  | 2322              | 645 | 10.00            | 83.9                  | 75.4              |                    |                     |                                    |
|                                  | 2718              | 755 | 5.90             | 77.0                  | 56.8              |                    |                     |                                    |
| 0°                               | 1926              | 535 | 14.20            | 77.0                  | 96.8              | 110                |                     |                                    |
|                                  | 2520              | 700 | 10.50            | 83.9                  | 85.9              |                    |                     |                                    |
|                                  | 2952              | 820 | 6.25             | 77.0                  | 65.3              |                    |                     |                                    |
| +2°                              | 2070              | 575 | 14.70            | 77.0                  | 107.7             | 132                |                     |                                    |
|                                  | 2700              | 750 | 11.00            | 83.9                  | 96.5              |                    |                     |                                    |
|                                  | 3118              | 866 | 6.70             | 77.0                  | 73.9              |                    |                     |                                    |

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 2340              | 650  | 11.00            | 730                   | 80.0              | 87.8               | 90                  | 571.5                              |
|                                  | 2844              | 790  | 8.00             |                       | 83.0              | 74.7               |                     |                                    |
|                                  | 3024              | 840  | 6.60             |                       | 80.5              | 67.6               |                     |                                    |
|                                  | 2736              | 760  | 10.80            |                       | 82.3              | 97.8               |                     |                                    |
| -2°                              | 3114              | 865  | 9.00             | 84.5                  | 90.4              | 110                |                     |                                    |
|                                  | 3395              | 943  | 6.50             | 80.0                  | 75.2              |                    |                     |                                    |
|                                  | 2645              | 735  | 12.20            | 80.5                  | 109.25            |                    |                     |                                    |
| 0°                               | 3240              | 900  | 10.00            | 84.5                  | 104.5             | 132                |                     |                                    |
|                                  | 3701              | 1028 | 7.00             | 81.0                  | 87.2              |                    |                     |                                    |
|                                  | 2870              | 825  | 13.00            | 80.2                  | 131.2             |                    |                     |                                    |
| +2°                              | 3492              | 970  | 11.00            | 84.5                  | 123.9             | 132                |                     |                                    |
|                                  | 4122              | 1145 | 7.60             | 82.0                  | 104.1             |                    |                     |                                    |

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 4068              | 1130 | 13.10            | 590                   | 80.0              | 181.5              | 220                 | 755.5                              |
|                                  | 5303              | 1473 | 9.20             |                       | 84.2              | 157.9              |                     |                                    |
|                                  | 5724              | 1590 | 6.80             |                       | 80.0              | 132.6              |                     |                                    |
|                                  | 4828              | 1341 | 13.00            |                       | 82.0              | 208.6              |                     |                                    |
| -2°                              | 5688              | 1580 | 10.50            | 84.8                  | 191.9             | 250                |                     |                                    |
|                                  | 6336              | 1760 | 7.40             | 81.0                  | 157.7             |                    |                     |                                    |
|                                  | 5220              | 1450 | 13.70            | 82.7                  | 235.6             |                    |                     |                                    |
| 0°                               | 6495              | 1804 | 10.00            | 85.0                  | 208.2             | 280                |                     |                                    |
|                                  | 6948              | 1930 | 7.93             | 80.5                  | 186.5             |                    |                     |                                    |
|                                  | 5447              | 1513 | 15.00            | 80.7                  | 275.9             |                    |                     |                                    |
| +2°                              | 6732              | 1870 | 12.00            | 85.5                  | 257.5             | 300                |                     |                                    |
|                                  | 7632              | 2120 | 9.00             | 81.0                  | 231.1             |                    |                     |                                    |

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 3790              | 1053 | 8.80             | 490                   | 79.2              | 114.8              | 132                 | 755.5                              |
|                                  | 5097              | 1416 | 6.00             |                       | 84.2              | 99.0               |                     |                                    |
|                                  | 5587              | 1552 | 4.30             |                       | 81.7              | 80.1               |                     |                                    |
| -2°                              | 4500              | 1250 | 9.00             | 81.7                  | 135.1             | 160                |                     |                                    |
|                                  | 5400              | 1500 | 7.00             | 85.4                  | 120.6             |                    |                     |                                    |
|                                  | 6300              | 1750 | 4.20             | 80.4                  | 89.7              |                    |                     |                                    |
| 0°                               | 4500              | 1250 | 9.80             | 79.2                  | 151.7             | 185                |                     |                                    |
|                                  | 6016              | 1671 | 7.00             | 85.4                  | 134.4             |                    |                     |                                    |
|                                  | 6687              | 1858 | 5.00             | 82.5                  | 110.4             |                    |                     |                                    |
| +2°                              | 4831              | 1342 | 10.10            | 79.4                  | 167.5             | 200                |                     |                                    |
|                                  | 6300              | 1750 | 7.50             | 85.4                  | 150.8             |                    |                     |                                    |
|                                  | 7200              | 2000 | 5.10             | 81.7                  | 122.5             |                    |                     |                                    |
| +4°                              | 5587              | 1552 | 10.00            | 81.7                  | 186.3             | 220                |                     |                                    |
|                                  | 6861              | 1906 | 8.00             | 84.2                  | 177.6             |                    |                     |                                    |
|                                  | 7756              | 2154 | 5.80             | 81.7                  | 150.0             |                    |                     |                                    |
| +6°                              | 6393              | 1776 | 10.00            | 84.0                  | 207.4             | 220                |                     |                                    |
|                                  | 7200              | 2000 | 8.80             | 84.2                  | 205.4             |                    |                     |                                    |
|                                  | 8100              | 2250 | 6.90             | 81.7                  | 186.4             |                    |                     |                                    |

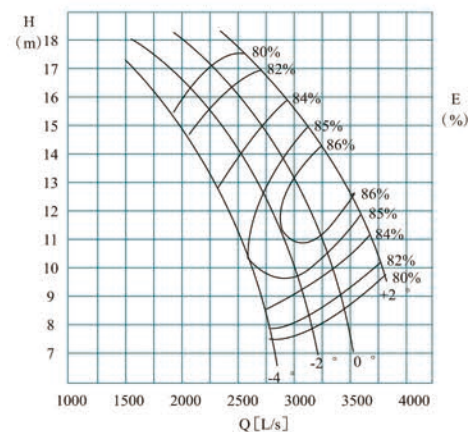


**HQB系列潜水混流泵技术参数**

HQB Type submersible mixed-flow pump technology performance

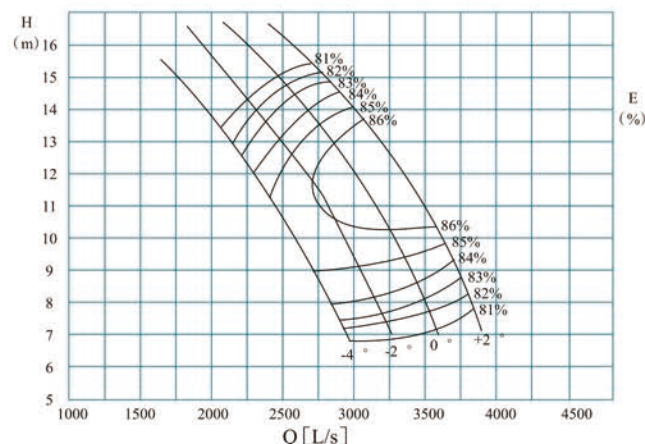
1200HQB-50型潜水混流泵性能曲线图

1200HQB-50 type submersible mixed-flow pump performance curve



1200HQB-50A型潜水混流泵性能曲线图

1200HQB-50A type submersible mixed-flow pump performance curve



1200HQB-50型潜水混流泵性能曲线图

1200HQB-50 type submersible mixed-flow pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 7236            | 2010 | 15.00            | 490                   | 81.0              | 365.2              | 400                 | 978.6                              |
|                                  | 8701            | 2417 | 12.00            |                       | 84.5              | 336.7              |                     |                                    |
|                                  | 9918            | 2755 | 9.20             |                       | 84.2              | 295.3              |                     |                                    |
| -2°                              | 8305            | 2307 | 15.20            | 81.8                  | 420.5             | 450                |                     |                                    |
|                                  | 10440           | 2900 | 11.30            | 86.2                  | 372.9             |                    |                     |                                    |
|                                  | 11318           | 3144 | 8.40             | 82.2                  | 315.2             |                    |                     |                                    |
| 0°                               | 9720            | 2700 | 15.00            | 83.7                  | 474.7             | 500                |                     |                                    |
|                                  | 11326           | 3146 | 12.00            | 86.4                  | 428.7             |                    |                     |                                    |
|                                  | 12420           | 3450 | 9.00             | 81.5                  | 373.7             |                    |                     |                                    |
| +2°                              | 10780           | 2994 | 15.70            | 85.0                  | 542.6             | 560                |                     |                                    |
|                                  | 11912           | 3309 | 14.20            | 87.2                  | 528.6             |                    |                     |                                    |
|                                  | 12874           | 3576 | 12.20            | 86.9                  | 492.5             |                    |                     |                                    |

1200HQB-50A型潜水混流泵性能曲线图

1200HQB-50A type submersible mixed-flow pump performance data

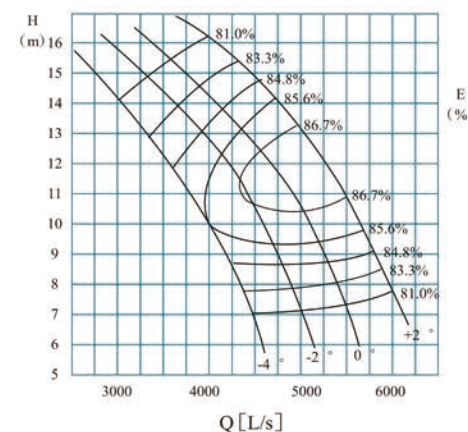
| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 6976            | 1938 | 13.40            | 480                   | 79.8              | 298.3              | 315                 | 978.6                              |
|                                  | 9014            | 2504 | 9.80             |                       | 85.4              | 290.0              |                     |                                    |
|                                  | 10421           | 2895 | 6.90             |                       | 83.0              | 236.1              |                     |                                    |
|                                  | 8106            | 2252 | 13.8             |                       | 81.0              | 355.3              |                     |                                    |
| -2°                              | 10446           | 2902 | 9.8              | 85.8                  | 339.4             | 400                |                     |                                    |
|                                  | 11668           | 3241 | 6.9              | 82.2                  | 266.9             |                    |                     |                                    |
|                                  | 9891            | 2749 | 13               | 85.2                  | 407.4             |                    |                     |                                    |
| 0°                               | 11668           | 3241 | 9.8              | 86.0                  | 384.7             | 425                |                     |                                    |
|                                  | 12826           | 3563 | 6.9              | 81.0                  | 297.7             |                    |                     |                                    |
|                                  | 10557           | 2933 | 13.5             | 85.2                  | 455.8             |                    |                     |                                    |
| +2°                              | 12737           | 3538 | 9.8              | 86.0                  | 395.5             | 475                |                     |                                    |
|                                  | 14020           | 3894 | 6.9              | 81.0                  | 325.4             |                    |                     |                                    |

**HQB系列潜水混流泵技术参数**

HQB Type submersible mixed-flow pump technology performance

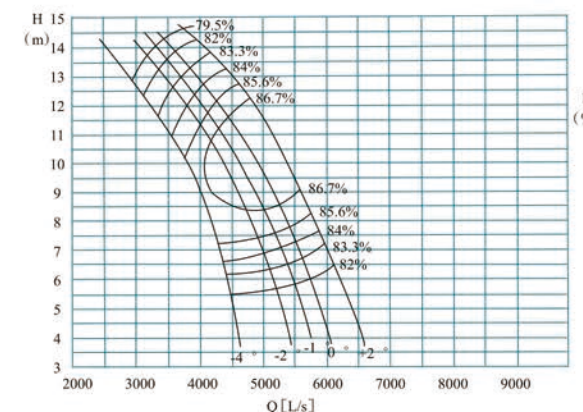
1400HQB-50型潜水混流泵性能曲线图

1400HQB-50 type submersible mixed-flow pump performance curve



1400HQB-50A型潜水混流泵性能曲线图

1400HQB-50A type submersible mixed-flow pump performance curve



1400HQB-50型潜水混流泵性能表

1400HQB-50 type submersible mixed-flow pump performance data

| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 10980           | 3050 | 14.00            | 370                   | 81.0              | 517.1              | 560                 | 1247                               |
|                                  | 14400           | 4000 | 10.00            |                       | 85.6              | 458.4              |                     |                                    |
|                                  | 15840           | 4400 | 7.20             |                       | 81.0              | 383.7              |                     |                                    |
|                                  | 12060           | 3350 | 14.80            |                       | 81.0              | 600.5              |                     |                                    |
| -2°                              | 16200           | 4500 | 10.80            | 86.7                  | 549.9             | 630                |                     |                                    |
|                                  | 17820           | 4950 | 7.30             | 81.0                  | 437.6             |                    |                     |                                    |
|                                  | 12960           | 3600 | 15.40            | 81.0                  | 671.4             |                    |                     |                                    |
| 0°                               | 17280           | 4800 | 11.50            | 86.7                  | 624.6             | 710                |                     |                                    |
|                                  | 19620           | 5450 | 7.40             | 81.0                  | 488.4             |                    |                     |                                    |
|                                  | 14220           | 3950 | 16.30            | 81.0                  | 779.8             |                    |                     |                                    |
| +2°                              | 19080           | 5300 | 12.00            | 86.7                  | 719.6             | 850                |                     |                                    |
|                                  | 21600           | 6000 | 7.70             | 81.0                  | 559.5             |                    |                     |                                    |

1400HQB-50A型潜水混流泵性能表

1400HQB-50A type submersible mixed-flow pump performance data

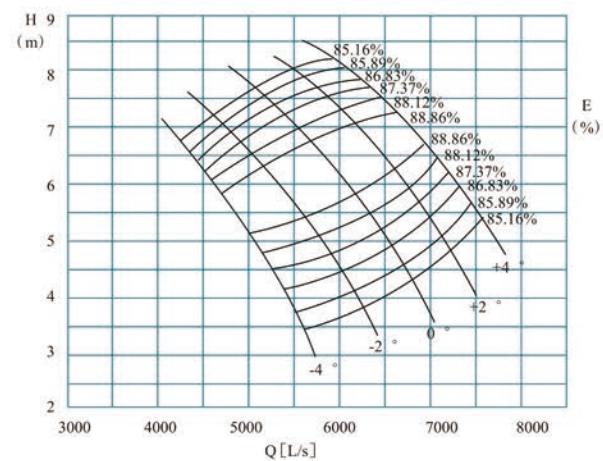
| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-----------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m³/h            | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 11660           | 3239 | 12.50            | 365                   | 81.0              | 490.3              | 530                 | 1247                               |
|                                  | 14400           | 4000 | 9.00             |                       | 85.6              | 412.6              |                     |                                    |
|                                  | 16560           | 4600 | 3.50             |                       | 81.0              | 195.0              |                     |                                    |
| -2°                              | 12240           | 3400 | 13.25            | 81.0                  | 545.6             | 600                |                     |                                    |
|                                  | 16200           | 4500 | 9.50             | 86.7                  | 483.7             |                    |                     |                                    |
|                                  | 18720           | 5200 | 5.80             | 81.0                  | 365.3             |                    |                     |                                    |
| 0°                               | 13320           | 3700 | 13.80            | 81.0                  | 618.4             | 670                |                     |                                    |
|                                  | 17460           | 4850 | 10.00            | 86.7                  | 548.8             |                    |                     |                                    |
|                                  | 20520           | 5700 | 6.05             | 81.0                  | 417.7             |                    |                     |                                    |
| +2°                              | 14400           | 4000 | 14.30            | 81.0                  | 692.8             | 750                |                     |                                    |
|                                  | 18360           | 5100 | 11.00            | 86.7                  | 634.8             |                    |                     |                                    |
|                                  | 21960           | 6100 | 6.40             | 81.0                  | 472.8             |                    |                     |                                    |



HQB系列潜水混流泵技术参数

HQB Type submersible mixed-flow pump technology performance

1600HQB-50A型潜水混流泵性能曲线图  
1600HQB-50A type submersible mixed-flow pump performance curve



1600HQB-50A型潜水混流泵性能曲线图  
350HQB-50 type submersible mixed-flow pump performance data

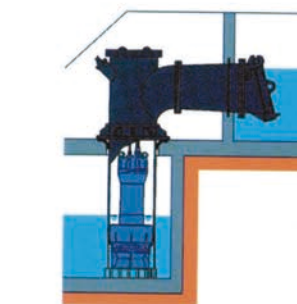
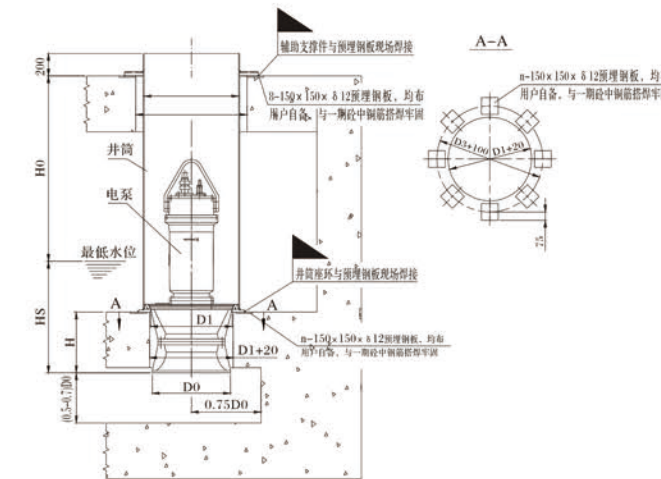
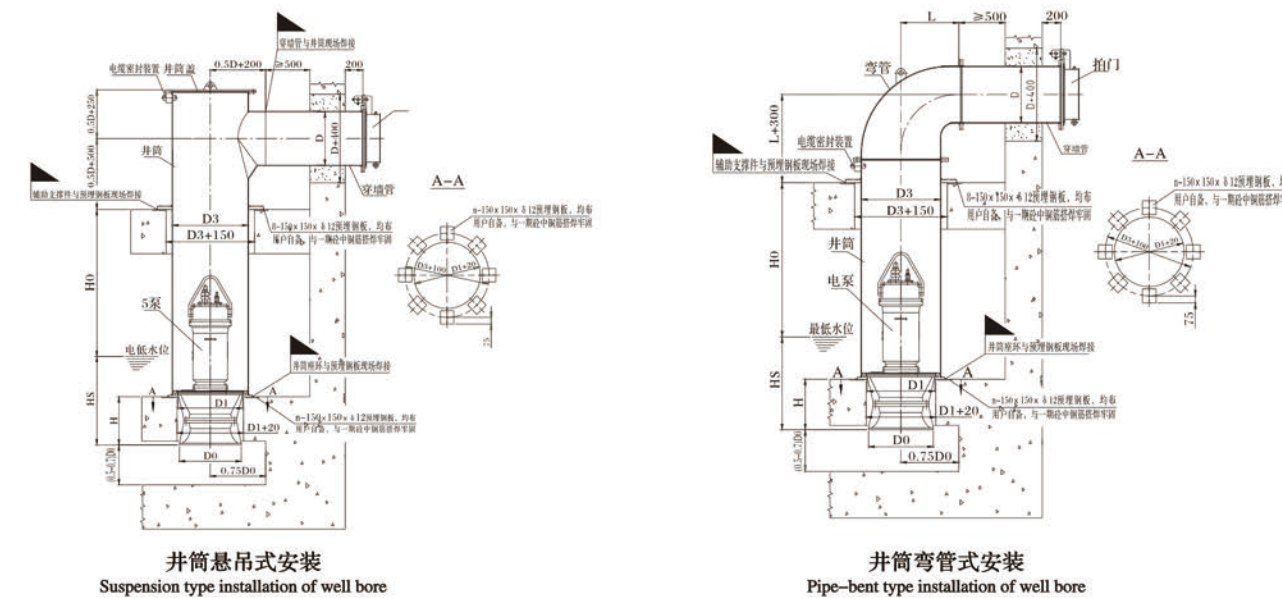
| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| -4°                              | 19872             | 5520 | 3.71             | 245                   | 86.1              | 233.3              | 355                 | 1480                               |
|                                  | 18936             | 5260 | 4.47             |                       | 87.2              | 264.5              |                     |                                    |
|                                  | 18036             | 5010 | 5.08             |                       | 88.5              | 282.1              |                     |                                    |
|                                  | 16596             | 4610 | 6.04             |                       | 87.9              | 310.8              |                     |                                    |
|                                  | 15408             | 4280 | 6.71             |                       | 85.3              | 330.3              |                     |                                    |
| -2°                              | 22104             | 6140 | 4.09             |                       | 85.6              | 287.8              | 400                 |                                    |
|                                  | 21240             | 5900 | 4.73             |                       | 87.5              | 312.9              |                     |                                    |
|                                  | 20196             | 5610 | 5.37             |                       | 88.8              | 332.8              |                     |                                    |
|                                  | 18108             | 5030 | 6.52             |                       | 87.9              | 366.0              |                     |                                    |
|                                  | 16632             | 4620 | 7.18             |                       | 85.7              | 379.7              |                     |                                    |

1600HQB-50A型潜水混流泵性能曲线图  
350HQB-50 type submersible mixed-flow pump performance data

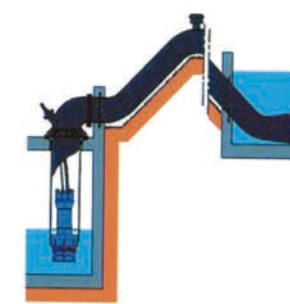
| 叶片安装角度<br>Setting angle of blade | 流量Q<br>Capacity   |      | 扬程H<br>Head<br>m | 转速n<br>Speed<br>r/min | 泵效<br>η %<br>Eff. | 功率 (kW)<br>Power   |                     | 叶轮直径<br>mm<br>Diameter of impeller |
|----------------------------------|-------------------|------|------------------|-----------------------|-------------------|--------------------|---------------------|------------------------------------|
|                                  | m <sup>3</sup> /h | L/s  |                  |                       |                   | 轴功率<br>Shaft power | 电机功率<br>Motor power |                                    |
| 0°                               | 24048             | 6680 | 4.55             | 245                   | 86.1              | 346.3              | 475                 | 1480                               |
|                                  | 23220             | 6450 | 5.17             |                       | 87.3              | 374.7              |                     |                                    |
|                                  | 22248             | 6180 | 5.81             |                       | 88.9              | 396.2              |                     |                                    |
|                                  | 19980             | 5550 | 6.96             |                       | 88.9              | 426.3              |                     |                                    |
|                                  | 18252             | 5070 | 7.68             |                       | 84.5              | 452.0              |                     |                                    |
|                                  | 25560             | 7100 | 5.08             |                       | 85.8              | 412.4              |                     |                                    |
| 24696                            | 6860              | 5.67 | 86.9             |                       | 439.1             |                    |                     |                                    |
| 23760                            | 6600              | 6.25 | 88.9             |                       | 455.2             |                    |                     |                                    |
| 21708                            | 6030              | 7.27 | 88.0             |                       | 488.7             |                    |                     |                                    |
| 19728                            | 5480              | 8.00 | 84.9             |                       | 506.6             |                    |                     |                                    |
| +4°                              | 26784             | 7440 | 5.57             |                       | 86.1              | 472.2              | 600                 |                                    |
|                                  | 25884             | 7190 | 6.14             |                       | 87.1              | 497.2              |                     |                                    |
|                                  | 24948             | 6930 | 6.65             | 88.9                  | 508.5             |                    |                     |                                    |
|                                  | 23184             | 6440 | 7.47             | 88.1                  | 535.7             |                    |                     |                                    |
|                                  | 21168             | 5880 | 8.17             | 85.7                  | 549.9             |                    |                     |                                    |

潜水轴流泵、潜水混流泵安装型式

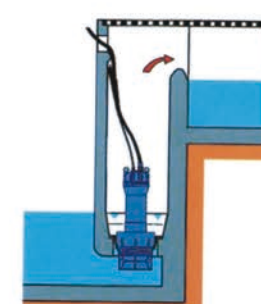
Submersible axial-flow pump, submersible mixed-flow pump installation mode



井筒悬吊式安装  
Suspension type installation of well bore



井筒弯管式安装  
Pipe-bent type installation of well bore



井筒敞开式安装  
Opening type installation of well bore



**钢制井筒安装外形尺寸 Installation & outline size of steel well bore**

井筒悬吊式安装外形尺寸表 (mm)  
Suspension type installation of well bore outline size table(mm)

| 序号<br>No. | 电泵型号<br>Model<br>description | Hs   | Ho             | Do   | D <sub>3</sub> | D    | D <sub>1</sub> | H    | n | 电泵重量<br>Model<br>weight<br>(kg) | 井筒重量<br>Well bore<br>weight<br>(kg/m) | 泵高<br>Height<br>(mm) |
|-----------|------------------------------|------|----------------|------|----------------|------|----------------|------|---|---------------------------------|---------------------------------------|----------------------|
| 1         | 350ZQB-70                    | 800  | 由用户根据布置并在合同中指明 | 500  | 600            | 400  | 504            | 400  | 4 | 500                             | 120                                   | 1730                 |
| 2         | 350ZQB-70D                   | 800  |                | 500  | 600            | 400  | 504            | 400  | 4 | 500                             | 120                                   | 1730                 |
| 3         | 350ZQB-100                   | 800  |                | 500  | 600            | 400  | 504            | 400  | 4 | 500                             | 120                                   | 1730                 |
| 4         | 350ZQB-125                   | 800  |                | 500  | 600            | 400  | 504            | 415  | 4 | 500                             | 120                                   | 1730                 |
| 5         | 350HQB-50                    | 600  |                | 500  | 650            | 400  | 540            | 420  | 4 | 640                             | 120                                   | 1830                 |
| 6         | 500ZQB-50                    | 1000 |                | 700  | 800            | 600  | 640            | 420  | 8 | 1100                            | 160                                   | 2000                 |
| 7         | 500ZQB-50D                   | 1000 |                | 700  | 800            | 600  | 640            | 420  | 8 | 1100                            | 160                                   | 2000                 |
| 8         | 500ZQB-70                    | 1000 |                | 700  | 850            | 600  | 730            | 545  | 8 | 1100                            | 160                                   | 1930                 |
| 9         | 500ZQB-70D                   | 1000 |                | 700  | 850            | 600  | 730            | 545  | 8 | 1100                            | 160                                   | 1740                 |
| 10        | 500ZQB-100                   | 1000 |                | 700  | 800            | 600  | 630            | 490  | 8 | 1100                            | 160                                   | 2000                 |
| 11        | 500ZQB-125                   | 1000 |                | 700  | 850            | 600  | 730            | 545  | 8 | 1100                            | 160                                   | 1930                 |
| 12        | 500ZQB-160                   | 1000 |                | 700  | 850            | 600  | 730            | 490  | 8 | 1100                            | 160                                   | 1930                 |
| 13        | 600ZQB-100                   | 1000 |                | 700  | 850            | 600  | 730            | 660  | 8 | 1100                            | 160                                   | 2090                 |
| 14        | 600ZQB-160                   | 1000 |                | 700  | 850            | 600  | 730            | 600  | 8 | 1100                            | 160                                   | 2090                 |
| 15        | 500HQB-50                    | 900  |                | 700  | 850            | 600  | 750            | 840  | 8 | 1200                            | 160                                   | 2220                 |
| 16        | 500HQB-50A                   | 900  |                | 700  | 850            | 600  | 750            | 840  | 8 | 1200                            | 160                                   | 2220                 |
| 17        | 600HQB-50                    | 900  |                | 830  | 1000           | 800  | 830            | 890  | 8 | 1800                            | 200                                   | 2600                 |
| 18        | 600HQB-50A                   | 900  |                | 830  | 1000           | 800  | 830            | 890  | 8 | 1800                            | 200                                   | 2600                 |
| 19        | 700HQB-50                    | 1000 |                | 920  | 1100           | 800  | 930            | 955  | 8 | 2500                            | 220                                   | 2650                 |
| 20        | 700ZQB-50                    | 1700 |                | 920  | 1100           | 800  | 910            | 610  | 8 | 2500                            | 220                                   | 2900                 |
| 21        | 700ZQB-50D                   | 1700 |                | 920  | 1100           | 800  | 910            | 610  | 8 | 2500                            | 220                                   | 2900                 |
| 22        | 700ZQB-70                    | 1700 |                | 920  | 1100           | 800  | 930            | 810  | 8 | 2500                            | 220                                   | 2500                 |
| 23        | 700ZQB-70D                   | 1700 |                | 920  | 1100           | 800  | 930            | 810  | 8 | 2500                            | 220                                   | 2500                 |
| 24        | 700ZQB-70*                   | 1700 |                | 920  | 1100           | 800  | 930            | 810  | 8 | 2500                            | 220                                   | 2500                 |
| 25        | 700ZQB-100                   | 1700 |                | 920  | 1100           | 800  | 930            | 810  | 8 | 2500                            | 220                                   | 2500                 |
| 26        | 700ZQB-100D                  | 1700 |                | 920  | 1100           | 800  | 930            | 810  | 8 | 2500                            | 220                                   | 2500                 |
| 27        | 700ZQB-125                   | 1700 |                | 920  | 1100           | 800  | 930            | 810  | 8 | 2500                            | 220                                   | 2500                 |
| 28        | 700ZQB-160                   | 1700 |                | 920  | 1100           | 800  | 930            | 820  | 8 | 2500                            | 220                                   | 2500                 |
| 29        | 9000ZQB-50                   | 1250 |                | 1200 | 1380           | 1200 | 1180           | 830  | 8 | 4500                            | 340                                   | 3700                 |
| 30        | 9000ZQB-70                   | 1250 |                | 1200 | 1380           | 1200 | 1210           | 1170 | 8 | 4500                            | 340                                   | 3600                 |
| 31        | 9000ZQB-70*                  | 1250 |                | 1200 | 1380           | 1200 | 1210           | 1080 | 8 | 4500                            | 340                                   | 3700                 |
| 32        | 9000ZQB-100D                 | 1250 |                | 1200 | 1380           | 1200 | 1210           | 1080 | 8 | 4500                            | 340                                   | 3670                 |
| 33        | 9000ZQB-100                  | 2300 |                | 1200 | 1380           | 1200 | 1210           | 1080 | 8 | 5100                            | 340                                   | 3670                 |
| 34        | 9000ZQB-125                  | 1250 |                | 1200 | 1380           | 1200 | 1210           | 1080 | 8 | 5100                            | 340                                   | 3670                 |
| 35        | 9000ZQB-160                  | 1250 |                | 1200 | 1380           | 1200 | 1210           | 890  | 8 | 5100                            | 340                                   | 3670                 |
| 36        | 9000HQB-50                   | 1000 |                | 1200 | 1380           | 1200 | 1210           | 1410 | 8 | 5100                            | 340                                   | 3670                 |
| 37        | 9000HQB-50D                  | 1000 |                | 1200 | 1380           | 1200 | 1210           | 1410 | 8 | 5100                            | 340                                   | 3670                 |
| 38        | 1200ZQB-100                  | 2500 |                | 1400 | 1600           | 1400 | 1380           | 1300 | 8 | 6000                            | 480                                   | 3740                 |
| 39        | 1200ZQB-160                  | 2500 |                | 1400 | 1600           | 1400 | 1440           | 1080 | 8 | 6000                            | 480                                   | 3800                 |
| 40        | 1200HQB-50                   | 2200 |                | 1470 | 1750           | 1400 | 1450           | 1180 | 8 | 10000                           | 610                                   | 4670                 |
| 41        | 1200HQB-50A                  | 2200 |                | 1470 | 1750           | 1400 | 1450           | 1180 | 8 | 10000                           | 610                                   | 4670                 |

注：1、轴向水推力Pz以最大扬程乘以井筒截面积估算而得，计算公式 $Pz=1000 \cdot H_{max} \cdot \pi D_3^2/4$ 。

2、井筒基础承载为电泵重量，井筒重量与轴向水推力三者之和。

3、用户自配的出墙管法兰孔应与井筒的三通，浮箱拍门法兰孔相配。

Note: 1. Axial hydraulic thrust force PZ is got from multiplying the max head by sectional area of well bore, calculation formula  $PZ=1000 \cdot H_{max} \cdot \pi D_3^2/4$ .

2. Bear the weight of the well bore foundation is the sum of weight of electric pump and well bore as well as axial hydraulic thrust force.

3. The flange hole of wall pipe prepared by users themselves should be matched with the tee of well bore and flange hole of flap valve of pontoon.

**钢制井筒安装外形尺寸 Installation & outline size of steel well bore**

井筒弯管式安装外形尺寸表 (mm)  
Pipe-bent type installation of well bore outline size table(mm)

| 序号<br>No. | 电泵型号<br>Model<br>description | Hs   | Ho             | Do   | D <sub>3</sub> | D    | D <sub>1</sub> | H    | n | L     | 电泵重量<br>Model<br>weight<br>(kg) | 井筒重量<br>Well bore<br>weight<br>(kg/m) | 泵高<br>Height<br>(mm) |
|-----------|------------------------------|------|----------------|------|----------------|------|----------------|------|---|-------|---------------------------------|---------------------------------------|----------------------|
| 1         | 350ZQB-70                    | 800  | 由用户根据布置并在合同中指明 | 500  | 600            | 400  | 504            | 400  | 4 | 500   | 500                             | 120                                   | 1730                 |
| 2         | 350ZQB-70D                   | 800  |                | 500  | 600            | 400  | 504            | 400  | 4 | 500   | 500                             | 120                                   | 1730                 |
| 3         | 350ZQB-100                   | 800  |                | 500  | 600            | 400  | 504            | 400  | 4 | 500   | 500                             | 120                                   | 1730                 |
| 4         | 350ZQB-125                   | 800  |                | 500  | 600            | 400  | 504            | 415  | 4 | 500   | 500                             | 120                                   | 1730                 |
| 5         | 350HQB-50                    | 600  |                | 500  | 650            | 400  | 540            | 420  | 4 | 640   | 120                             | 1830                                  |                      |
| 6         | 500ZQB-50                    | 1000 |                | 700  | 800            | 600  | 640            | 420  | 8 | 1100  | 160                             | 2000                                  |                      |
| 7         | 500ZQB-50D                   | 1000 |                | 700  | 800            | 600  | 640            | 420  | 8 | 1100  | 160                             | 2000                                  |                      |
| 8         | 500ZQB-70                    | 1000 |                | 700  | 850            | 600  | 730            | 545  | 8 | 1100  | 160                             | 1930                                  |                      |
| 9         | 500ZQB-70D                   | 1000 |                | 700  | 850            | 600  | 730            | 545  | 8 | 1100  | 160                             | 1740                                  |                      |
| 10        | 500ZQB-100                   | 1000 |                | 700  | 800            | 600  | 630            | 490  | 8 | 1100  | 160                             | 2000                                  |                      |
| 11        | 500ZQB-125                   | 1000 |                | 700  | 850            | 600  | 730            | 545  | 8 | 1100  | 160                             | 1930                                  |                      |
| 12        | 500ZQB-160                   | 1000 |                | 700  | 850            | 600  | 730            | 490  | 8 | 1100  | 160                             | 1930                                  |                      |
| 13        | 600ZQB-100                   | 1000 |                | 700  | 850            | 600  | 730            | 660  | 8 | 1100  | 160                             | 2090                                  |                      |
| 14        | 600ZQB-160                   | 1000 |                | 700  | 850            | 600  | 730            | 600  | 8 | 1100  | 160                             | 2090                                  |                      |
| 15        | 500HQB-50                    | 900  |                | 700  | 850            | 600  | 750            | 840  | 8 | 1200  | 160                             | 2220                                  |                      |
| 16        | 500HQB-50A                   | 900  |                | 700  | 850            | 600  | 750            | 840  | 8 | 1200  | 160                             | 2220                                  |                      |
| 17        | 600HQB-50                    | 900  |                | 830  | 1000           | 800  | 830            | 890  | 8 | 1800  | 200                             | 2600                                  |                      |
| 18        | 600HQB-50A                   | 900  |                | 830  | 1000           | 800  | 830            | 890  | 8 | 1800  | 200                             | 2600                                  |                      |
| 19        | 700HQB-50                    | 1000 |                | 920  | 1100           | 800  | 930            | 955  | 8 | 2500  | 220                             | 2650                                  |                      |
| 20        | 700ZQB-50                    | 1700 |                | 920  | 1100           | 800  | 910            | 610  | 8 | 2500  | 220                             | 2900                                  |                      |
| 21        | 700ZQB-50D                   | 1700 |                | 920  | 1100           | 800  | 910            | 610  | 8 | 2500  | 220                             | 2900                                  |                      |
| 22        | 700ZQB-70                    | 1700 |                | 920  | 1100           | 800  | 930            | 810  | 8 | 2500  | 220                             | 2500                                  |                      |
| 23        | 700ZQB-70D                   | 1700 |                | 920  | 1100           | 800  | 930            | 810  | 8 | 2500  | 220                             | 2500                                  |                      |
| 24        | 700ZQB-70*                   | 1700 |                | 920  | 1100           | 800  | 930            | 810  | 8 | 2500  | 220                             | 2500                                  |                      |
| 25        | 700ZQB-100                   | 1700 |                | 920  | 1100           | 800  | 930            | 810  | 8 | 2500  | 220                             | 2500                                  |                      |
| 26        | 700ZQB-100D                  | 1700 |                | 920  | 1100           | 800  | 930            | 810  | 8 | 2500  | 220                             | 2500                                  |                      |
| 27        | 700ZQB-125                   | 1700 |                | 920  | 1100           | 800  | 930            | 810  | 8 | 2500  | 220                             | 2500                                  |                      |
| 28        | 700ZQB-160                   | 1700 |                | 920  | 1100           | 800  | 930            | 820  | 8 | 2500  | 220                             | 2500                                  |                      |
| 29        | 9000ZQB-50                   | 1250 |                | 1200 | 1380           | 1200 | 1180           | 830  | 8 | 4500  | 340                             | 3700                                  |                      |
| 30        | 9000ZQB-70                   | 1250 |                | 1200 | 1380           | 1200 | 1210           | 1170 | 8 | 4500  | 340                             | 3600                                  |                      |
| 31        | 9000ZQB-70*                  | 1250 |                | 1200 | 1380           | 1200 | 1210           | 1080 | 8 | 4500  | 340                             | 3700                                  |                      |
| 32        | 9000ZQB-100D                 | 1250 |                | 1200 | 1380           | 1200 | 1210           | 1080 | 8 | 4500  | 340                             | 3670                                  |                      |
| 33        | 9000ZQB-100                  | 2300 |                | 1200 | 1380           | 1200 | 1210           | 1080 | 8 | 5100  | 340                             | 3670                                  |                      |
| 34        | 9000ZQB-125                  | 1250 |                | 1200 | 1380           | 1200 | 1210           | 1080 | 8 | 5100  | 340                             | 3670                                  |                      |
| 35        | 9000ZQB-160                  | 1250 |                | 1200 | 1380           | 1200 | 1210           | 890  | 8 | 5100  | 340                             | 3670                                  |                      |
| 36        | 9000HQB-50                   | 1000 |                | 1200 | 1380           | 1200 | 1210           | 1410 | 8 | 5100  | 340                             | 3670                                  |                      |
| 37        | 9000HQB-50D                  | 1000 |                | 1200 | 1380           | 1200 | 1210           | 1410 | 8 | 5100  | 340                             | 3670                                  |                      |
| 38        | 1200ZQB-100                  | 2500 |                | 1400 | 1600           | 1400 | 1380           | 1300 | 8 | 6000  | 480                             | 3740                                  |                      |
| 39        | 1200ZQB-160                  | 2500 |                | 1400 | 1600           | 1400 | 1440           | 1080 | 8 | 6000  | 480                             | 3800                                  |                      |
| 40        | 1200HQB-50                   | 2200 |                | 1470 | 1750           | 1400 | 1450           | 1180 | 8 | 10000 | 610                             | 4670                                  |                      |
| 41        | 1200HQB-50A                  | 2200 |                | 1470 | 1750           | 1400 | 1450           | 1180 | 8 | 10000 | 610                             | 4670                                  |                      |

注：1、轴向水推力Pz以最大扬程乘以井筒截面积估算而得，计算公式 $Pz=1000 \cdot H_{max} \cdot \pi D_3^2/4$ 。

2、井筒基础承载为电泵重量，井筒重量与轴向水推力三者之和。

3、用户自配的出墙管法兰孔应与井筒的三通，浮箱拍门法兰孔相配。

Note: 1. Axial hydraulic thrust force PZ is got from multiplying the max head by sectional area of well bore, calculation formula  $PZ=1000 \cdot H_{max} \cdot \pi D_3^2/4$ .

2. Bear the weight of the well bore foundation is the sum of weight of electric pump and well bore as well as axial hydraulic thrust force.

3. The flange hole of wall pipe prepared by users themselves should be matched with the tee of well bore and flange hole of flap valve of pontoon.



**钢制井筒安装外形尺寸 Installation & outline size of steel well bore**

井筒敞开式安装外形尺寸表 (mm)  
Opening type installation of well bore outline size table(mm)

| 序号<br>No. | 电泵型号<br>Model<br>description | Hs   | Ho                         | Do   | D    | Di   | H    | n | 电泵重量<br>Model<br>weight<br>(kg) | 井筒重量<br>Well bore<br>weight<br>(kg/m) | 泵高<br>Height<br>(mm) |
|-----------|------------------------------|------|----------------------------|------|------|------|------|---|---------------------------------|---------------------------------------|----------------------|
| 1         | 350ZQB-70                    | 800  | 由用户<br>根据布置<br>并在合同<br>中指明 | 500  | 400  | 504  | 400  | 4 | 500                             | 120                                   | 1730                 |
| 2         | 350ZQB-70D                   | 800  |                            | 500  | 400  | 504  | 400  | 4 | 500                             | 120                                   | 1730                 |
| 3         | 350ZQB-100                   | 800  |                            | 500  | 400  | 504  | 400  | 4 | 500                             | 120                                   | 1730                 |
| 4         | 350ZQB-125                   | 800  |                            | 500  | 400  | 504  | 415  | 4 | 500                             | 120                                   | 1730                 |
| 5         | 350HQB-50                    | 600  |                            | 500  | 400  | 540  | 420  | 4 | 640                             | 120                                   | 1830                 |
| 6         | 500ZQB-50                    | 1000 |                            | 700  | 600  | 640  | 420  | 8 | 1100                            | 160                                   | 2000                 |
| 7         | 500ZQB-50D                   | 1000 |                            | 700  | 600  | 640  | 420  | 8 | 1100                            | 160                                   | 2000                 |
| 8         | 500ZQB-70                    | 1000 |                            | 700  | 600  | 730  | 545  | 8 | 1100                            | 160                                   | 1930                 |
| 9         | 500ZQB-70D                   | 1000 |                            | 700  | 600  | 730  | 545  | 8 | 1100                            | 160                                   | 1740                 |
| 10        | 500ZQB-100                   | 1000 |                            | 700  | 600  | 630  | 490  | 8 | 1100                            | 160                                   | 2000                 |
| 11        | 500ZQB-125                   | 1000 |                            | 700  | 600  | 730  | 545  | 8 | 1100                            | 160                                   | 1930                 |
| 12        | 500ZQB-160                   | 1000 |                            | 700  | 600  | 730  | 490  | 8 | 1100                            | 160                                   | 1930                 |
| 13        | 600ZQB-100                   | 1000 |                            | 700  | 600  | 730  | 660  | 8 | 1100                            | 160                                   | 2090                 |
| 14        | 600ZQB-160                   | 1000 |                            | 700  | 600  | 730  | 600  | 8 | 1100                            | 160                                   | 2090                 |
| 15        | 500HQB-50                    | 900  |                            | 700  | 600  | 750  | 840  | 8 | 1200                            | 160                                   | 2220                 |
| 16        | 500HQB-50A                   | 900  |                            | 700  | 600  | 750  | 840  | 8 | 1200                            | 160                                   | 2220                 |
| 17        | 600HQB-50                    | 900  |                            | 830  | 800  | 830  | 890  | 8 | 1800                            | 200                                   | 2600                 |
| 18        | 600HQB-50A                   | 900  |                            | 830  | 800  | 830  | 890  | 8 | 1800                            | 200                                   | 2600                 |
| 19        | 700HQB-50                    | 1000 |                            | 920  | 800  | 930  | 955  | 8 | 2500                            | 220                                   | 2650                 |
| 20        | 700ZQB-50                    | 1700 |                            | 920  | 800  | 910  | 610  | 8 | 2500                            | 220                                   | 2900                 |
| 21        | 700ZQB-50D                   | 1700 |                            | 920  | 800  | 910  | 610  | 8 | 2500                            | 220                                   | 2900                 |
| 22        | 700ZQB-70                    | 1700 |                            | 920  | 800  | 930  | 810  | 8 | 2500                            | 220                                   | 2500                 |
| 23        | 700ZQB-70D                   | 1700 |                            | 920  | 800  | 930  | 810  | 8 | 2500                            | 220                                   | 2500                 |
| 24        | 700ZQB-70*                   | 1700 |                            | 920  | 800  | 930  | 810  | 8 | 2500                            | 220                                   | 2500                 |
| 25        | 700ZQB-100                   | 1700 |                            | 920  | 800  | 930  | 810  | 8 | 2500                            | 220                                   | 2500                 |
| 26        | 700ZQB-100D                  | 1700 |                            | 920  | 800  | 930  | 810  | 8 | 2500                            | 220                                   | 2500                 |
| 27        | 700ZQB-125                   | 1700 |                            | 920  | 800  | 930  | 810  | 8 | 2500                            | 220                                   | 2500                 |
| 28        | 700ZQB-160                   | 1700 |                            | 920  | 800  | 930  | 820  | 8 | 2500                            | 220                                   | 2500                 |
| 29        | 9000ZQB-50                   | 1250 |                            | 1200 | 1200 | 1180 | 830  | 8 | 4500                            | 340                                   | 3700                 |
| 30        | 9000ZQB-70                   | 1250 |                            | 1200 | 1200 | 1210 | 1170 | 8 | 4500                            | 340                                   | 3600                 |
| 31        | 9000ZQB-70*                  | 1250 |                            | 1200 | 1200 | 1210 | 1080 | 8 | 4500                            | 340                                   | 3700                 |
| 32        | 9000ZQB-100D                 | 1250 |                            | 1200 | 1200 | 1210 | 1080 | 8 | 4500                            | 340                                   | 3670                 |
| 33        | 9000ZQB-100                  | 2300 |                            | 1200 | 1200 | 1210 | 1080 | 8 | 5100                            | 340                                   | 3670                 |
| 34        | 9000ZQB-125                  | 1250 |                            | 1200 | 1200 | 1210 | 1080 | 8 | 5100                            | 340                                   | 3670                 |
| 35        | 9000ZQB-160                  | 1250 |                            | 1200 | 1200 | 1210 | 890  | 8 | 5100                            | 340                                   | 3670                 |
| 36        | 9000HQB-50                   | 1000 |                            | 1200 | 1200 | 1210 | 1410 | 8 | 5100                            | 340                                   | 3670                 |
| 37        | 9000HQB-50D                  | 1000 |                            | 1200 | 1200 | 1210 | 1410 | 8 | 5100                            | 340                                   | 3670                 |
| 38        | 1200ZQB-100                  | 2500 |                            | 1400 | 1400 | 1380 | 1300 | 8 | 6000                            | 480                                   | 3740                 |
| 39        | 1200ZQB-160                  | 2500 |                            | 1400 | 1400 | 1440 | 1080 | 8 | 6000                            | 480                                   | 3800                 |
| 40        | 1200HQB-50                   | 2200 |                            | 1470 | 1400 | 1450 | 1180 | 8 | 10000                           | 610                                   | 4670                 |
| 41        | 1200HQB-50A                  | 2200 |                            | 1470 | 1400 | 1450 | 1180 | 8 | 10000                           | 610                                   | 4670                 |

注：1、轴向水推力Pz以最大扬程乘以井筒截面积估算而得，计算公式 $Pz=1000 \cdot H_{max} \cdot \pi D^2/4$ 。

2、井筒基础承载为电泵重量，井筒重量与轴向水推力三者之和。

3、用户自配的出墙管法兰孔应与井筒的三通，浮箱拍门法兰孔相配。

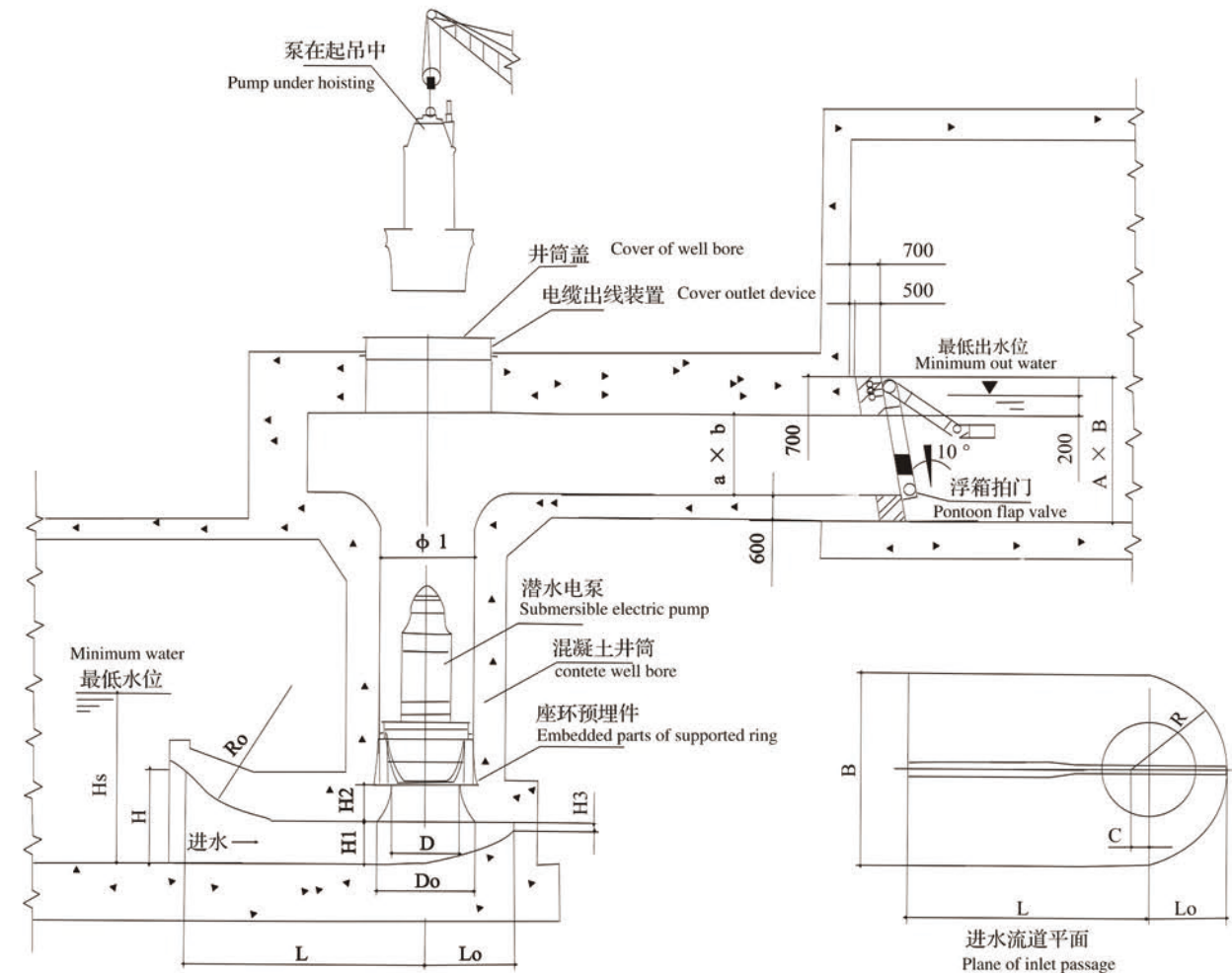
Note: 1. Axial hydraulic thrust force PZ is got from multiplying the max head by sectional area of well bore, calculation formula  $PZ=1000 \cdot H_{max} \cdot \pi D^2/4$ .

2. Bear the weight of the well bore foundation is the sum of weight of electric pump and well bore as well as axial hydraulic thrust force.

3. The flange hole of wall pipe prepared by users themselves should be matched with the tee of well bore and flange hole of flap valve of pontoon.

**混凝土井筒安装示意图**

Installation drawing of concrete well bore



**1200-1600ZQB型潜水轴流泵簸箕型进水流道尺寸表 (mm)**

1200-1600ZQB type submersible axial-flow pump dustpan inlet passage size table(mm)

| 序号<br>No. | 电泵型号<br>Model<br>description | φ1          | D           | Do   | Hs   | H    | H1   | H2  | H3  | B    | L    | Lo   | R    | C   | Ro   | a × b       | A × B       | 电泵重量<br>Model<br>weight<br>(kg) |      |      |      |     |     |     |      |      |      |      |     |      |             |             |
|-----------|------------------------------|-------------|-------------|------|------|------|------|-----|-----|------|------|------|------|-----|------|-------------|-------------|---------------------------------|------|------|------|-----|-----|-----|------|------|------|------|-----|------|-------------|-------------|
| 1         | 1200ZQB-100                  | 1650        | 1080        | 1620 | 3200 | 1750 | 880  | 780 | 180 | 2940 | 3300 | 1100 | 1490 | 370 | 3120 | 1200 × 1200 | 2500 × 2200 | 6000                            |      |      |      |     |     |     |      |      |      |      |     |      |             |             |
| 2         | 1200ZQB-125                  |             |             |      |      |      |      |     |     |      |      |      |      |     |      | 1400 × 1400 | 2700 × 2400 |                                 |      |      |      |     |     |     |      |      |      |      |     |      |             |             |
| 3         | 1400ZQB-70                   |             |             |      |      |      |      |     |     |      |      |      |      |     |      | 1800        | 1200        |                                 | 1760 | 3400 | 1790 | 980 | 780 | 200 | 3200 | 3600 | 1200 | 1600 | 400 | 3400 | 1600 × 1600 | 2900 × 2600 |
| 4         | 1400ZQB-85                   |             |             |      |      |      |      |     |     |      |      |      |      |     |      |             |             |                                 |      |      |      |     |     |     |      |      |      |      |     |      | 1800 × 1800 | 2700 × 2600 |
| 5         | 1400ZQB-100                  | 1800 × 1800 | 2700 × 2600 |      |      |      |      |     |     |      |      |      |      |     |      |             |             |                                 |      |      |      |     |     |     |      |      |      |      |     |      |             |             |
| 6         | 1400ZQB-125                  | 2100        | 1520        | 2260 | 3800 | 2290 | 1230 | 980 | 260 | 4100 | 4620 | 1540 | 2050 | 510 | 4360 | 2000 × 2000 | 3300 × 3000 | 15000                           |      |      |      |     |     |     |      |      |      |      |     |      |             |             |
| 7         | 1600ZQB-70                   |             |             |      |      |      |      |     |     |      |      |      |      |     |      | 2200 × 2200 | 3500 × 3200 |                                 |      |      |      |     |     |     |      |      |      |      |     |      |             |             |
| 8         | 1600ZQB-85                   |             |             |      |      |      |      |     |     |      |      |      |      |     |      | 2200 × 2200 | 3500 × 3200 |                                 |      |      |      |     |     |     |      |      |      |      |     |      |             |             |
| 9         | 1600ZQB-100                  | 2100        | 1520        | 2260 | 3800 | 2290 | 1230 | 980 | 260 | 4100 | 4620 | 1540 | 2050 | 510 | 4360 | 2200 × 2200 | 3500 × 3200 |                                 |      |      |      |     |     |     |      |      |      |      |     |      |             |             |
| 10        | 1600ZQB-125                  |             |             |      |      |      |      |     |     |      |      |      |      |     |      | 2200 × 2200 | 3500 × 3200 |                                 |      |      |      |     |     |     |      |      |      |      |     |      |             |             |

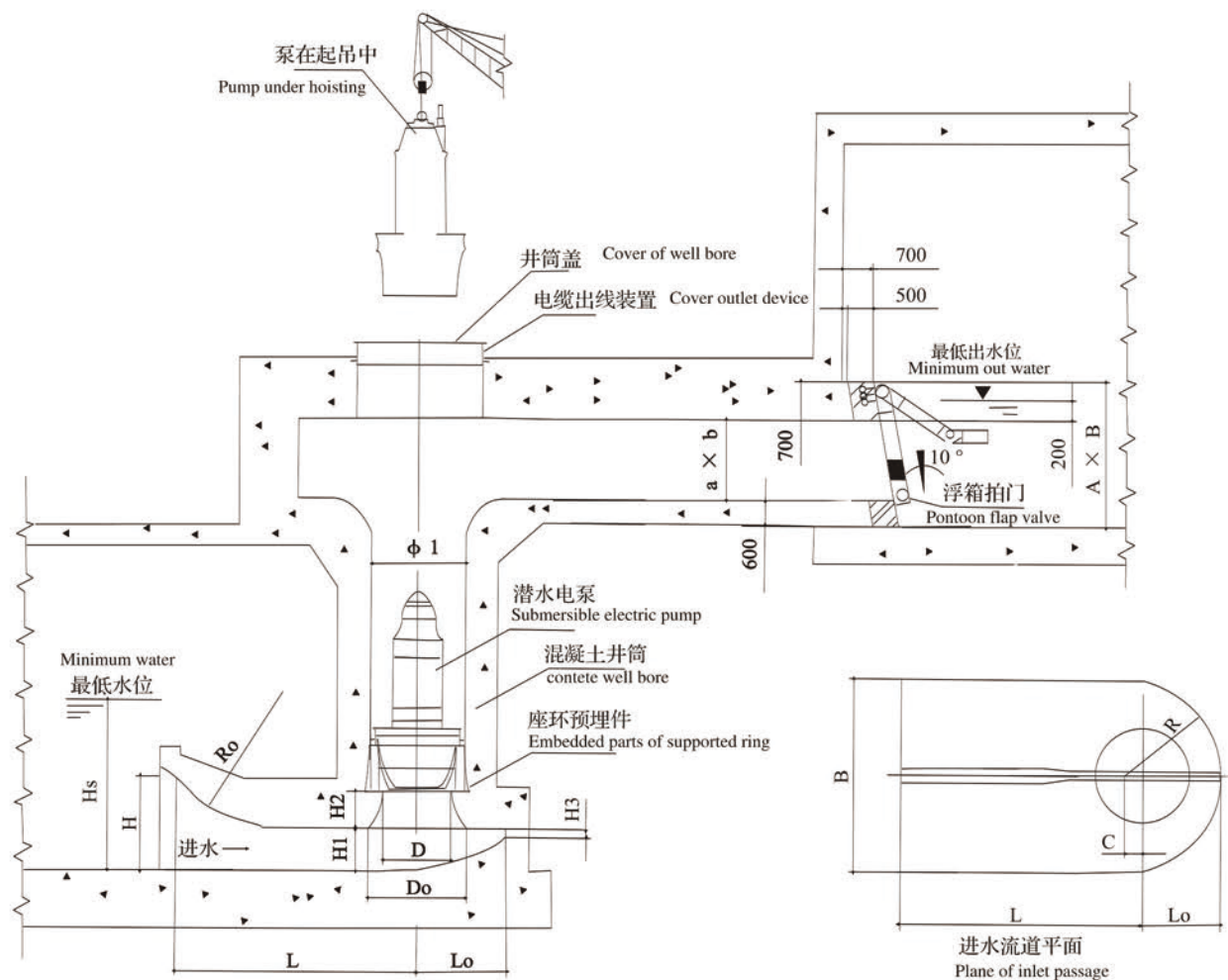
注：根据合同提供进水流道型线图、潜水泵、井筒盖和浮箱拍门及其相应的预埋件图。

Note: Provides the water flow channel lines drawing according to the contract, dives the water pump, well chamber Ge Hefu the box knocks at the door and its is corresponding buries a chart in a dvance.



**混凝土井筒安装示意图**

Installation drawing of concrete well bore



**1200-1400HQB型潜水混流泵簸箕型进水水道尺寸表 ( mm )**

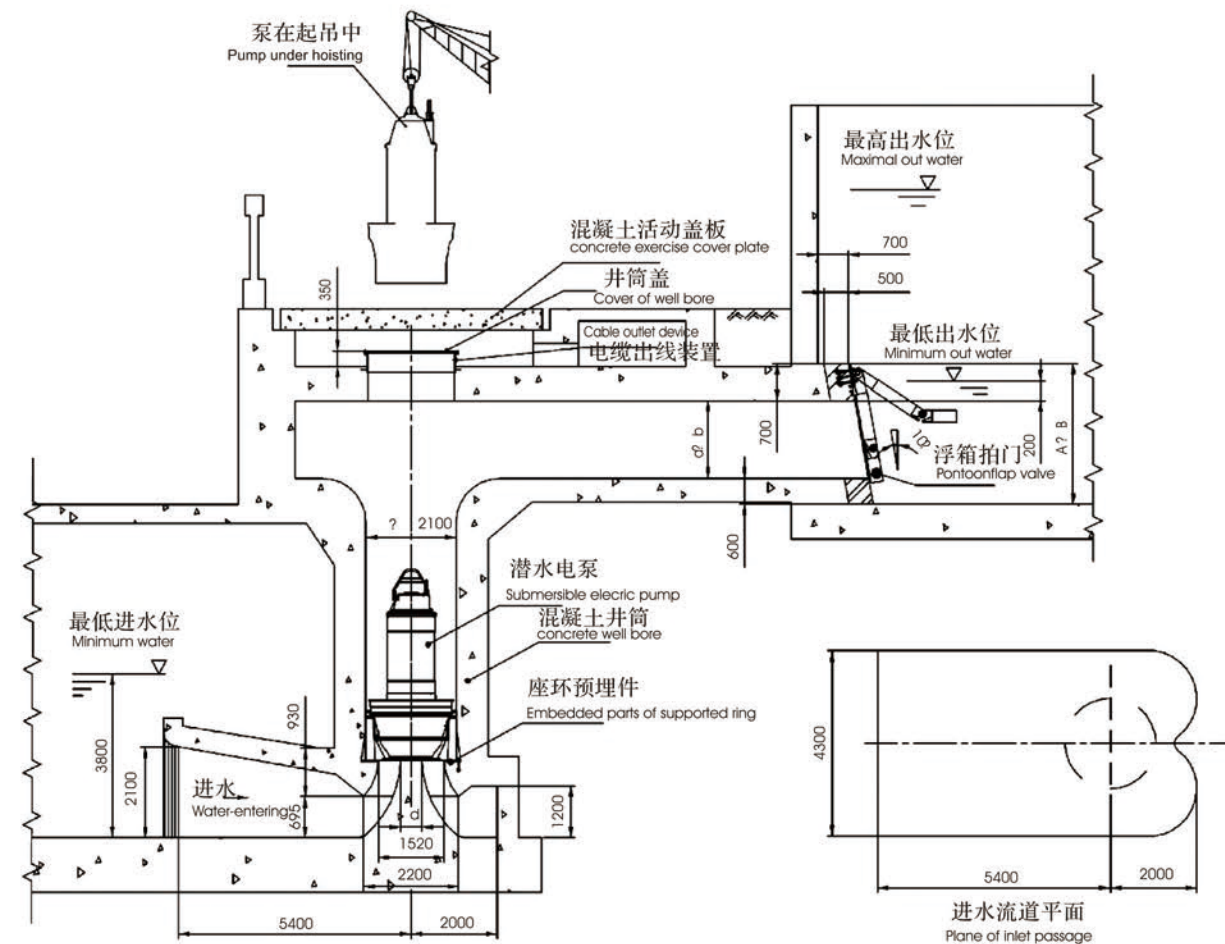
1200-1400HQB type submersible axial-flow pump dustpan inlet passage size table(mm)

| 序号<br>No. | 电泵型号<br>Model<br>description | φ1   | D    | Do   | Hs   | H    | H1  | H2  | H3  | B    | L    | Lo   | R    | C   | Ro   | a × b                      | A × B                      | 电泵重量<br>Model<br>weight<br>(kg) |
|-----------|------------------------------|------|------|------|------|------|-----|-----|-----|------|------|------|------|-----|------|----------------------------|----------------------------|---------------------------------|
| 1         | 1200HQB-50                   | 1750 | 900  | 1600 | 2600 | 1750 | 880 | 700 | 180 | 2900 | 3300 | 1100 | 1480 | 370 | 3120 | 1200 × 1200<br>1400 × 1400 | 2500 × 2200<br>2700 × 2400 | 10000                           |
| 2         | 1200HQB-50A                  |      |      |      |      |      |     |     |     |      |      |      |      |     |      |                            |                            |                                 |
| 3         | 1400HQB-40                   | 1800 | 1060 | 1760 | 3000 | 1790 | 960 | 760 | 200 | 3200 | 3600 | 1200 | 1600 | 400 | 3400 | 1400 × 1600<br>1600 × 1600 | 2700 × 2800<br>2900 × 2600 | 14000                           |
| 4         | 1400HQB-50                   |      |      |      |      |      |     |     |     |      |      |      |      |     |      |                            |                            |                                 |
| 5         | 1400HQB-50A                  |      |      |      |      |      |     |     |     |      |      |      |      |     |      |                            |                            |                                 |

注：根据合同提供进水水道型线图、潜水泵、井筒盖和浮箱拍门及其相应的预埋件图。  
Note: Provides the water flow channel lines drawing according to the contract, dives the water pump, well chamber Ge Hefu the box knocks at the door and its is corresponding buries a chart in a dvance.

**混凝土井筒安装示意图**

Installation drawing of concrete well bore



**1600ZQB型潜水轴流泵钟型进水水道尺寸表 ( mm )**

1600ZQB submersible axial-flow pump bell inlet passage size table(mm)

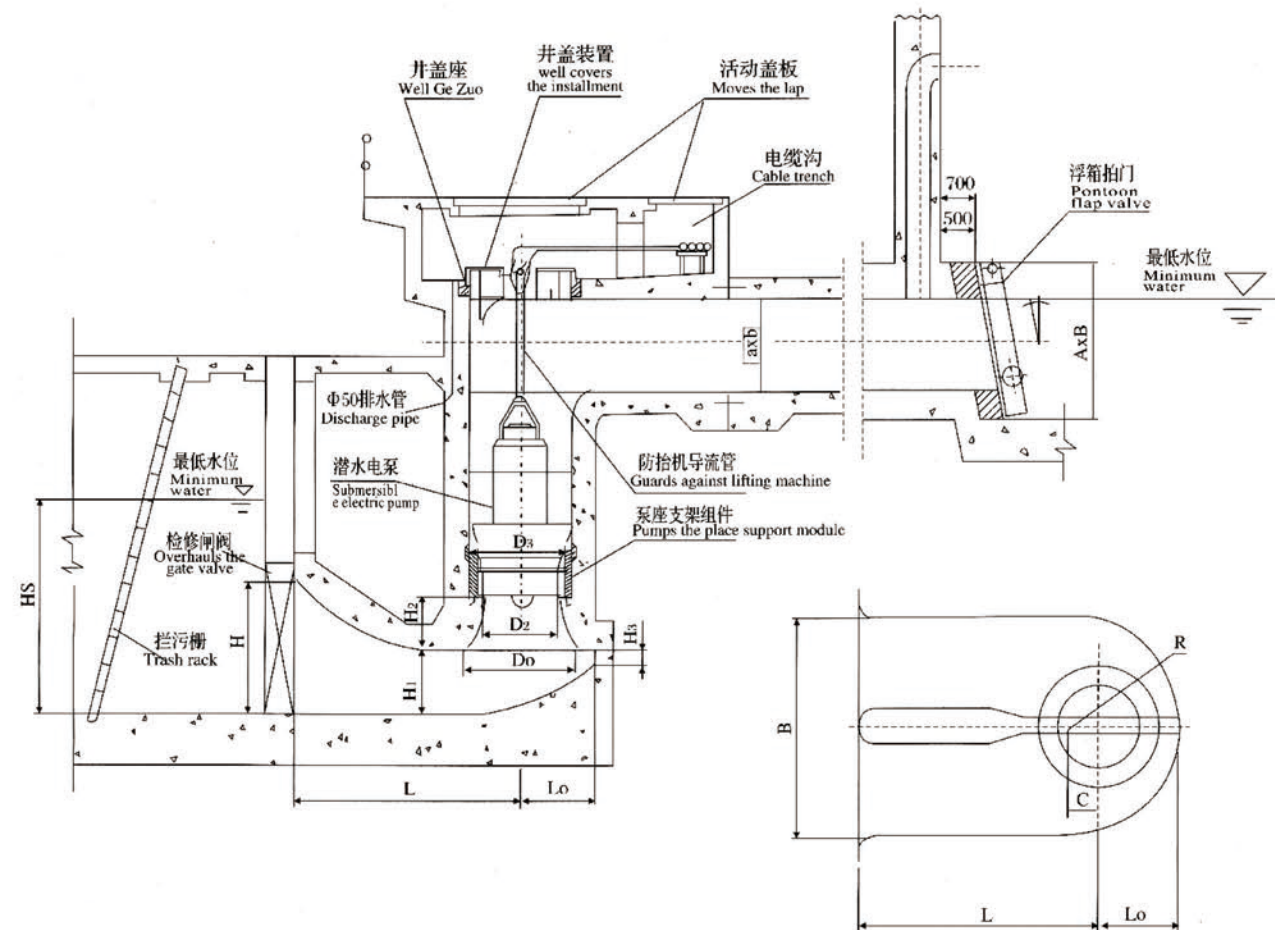
| 序号<br>No. | 电泵型号<br>Model<br>description | d   | a × b     | A × B     | 电泵重量<br>Model<br>weight<br>(kg) |
|-----------|------------------------------|-----|-----------|-----------|---------------------------------|
| 1         | 1600ZQB-70                   | 740 | 2000x2000 | 3300x3000 | 15000                           |
| 2         | 1600ZQB-85                   | 648 |           |           |                                 |
| 3         | 1600ZQB-100                  | 616 |           |           |                                 |
| 4         | 1600ZQB-125                  | 487 |           |           |                                 |

注：根据合同提供进水水道型线图、潜水泵、井筒盖和浮箱拍门及其相应的预埋件图。  
Note: Provides the water flow channel lines drawing according to the contract, dives the water pump, well chamber Ge Hefu the box knocks at the door and its is corresponding buries a chart in a dvance.



**混凝土井筒安装示意图**

Installation drawing of concrete well bore



**1600-2400ZQBx行星齿轮减速电泵簸箕形进水水道水泥进筒安装尺寸图表**

1600-2400ZQBx planet gear decelerates the electric pump dust pan shape to enter the water flow channel cement well chamber to install the size graph

| 电泵型号<br>Model<br>description | n<br>(r/min) | H <sub>3</sub> | D <sub>3</sub> | D <sub>2</sub> | D <sub>0</sub> | H    | H <sub>1</sub> | H <sub>2</sub> | H <sub>3</sub> | B    | L    | L <sub>0</sub> | R      | C   | a×b       | A×B       |
|------------------------------|--------------|----------------|----------------|----------------|----------------|------|----------------|----------------|----------------|------|------|----------------|--------|-----|-----------|-----------|
| 1600ZQBx                     | 245          | 3560           | 2150           | 1540           | 2259           | 2594 | 1232           | 1063           | 262            | 4096 | 4620 | 1540           | 2048   | 513 | 1800x2400 | 3200x3800 |
| 1800ZQBx                     | 256.8        | 5000           | 2400           | 1740           | 2553           | 2930 | 1392           | 1201           | 236            | 4628 | 5222 | 1740           | 2314   | 579 | 2200x2800 | 3600x5200 |
| 2000ZQBx                     | 215          | 5800           | 2750           | 2000           | 2934           | 3368 | 1500           | 1380           | 340            | 5320 | 6600 | 2000           | 2660   | 666 | 2400x3000 | 3800x4400 |
| 2400ZQBx                     | 176.5        | 6500           | 3200           | 2350           | 3447           | 3957 | 1880           | 1621           | 400            | 6251 | 7050 | 2400           | 3125.5 | 783 | 2800x3400 | 4200x4800 |

说明: 1、过栅流速 ≤ 0.3m/s  
Explained: 1. grid speed of flow ≤ 0.3m/s  
2、两泵中心距为B+池壁厚  
2. Two pumps center distance is B+pond wall thickness

**进水池综合尺寸 (推荐值)**

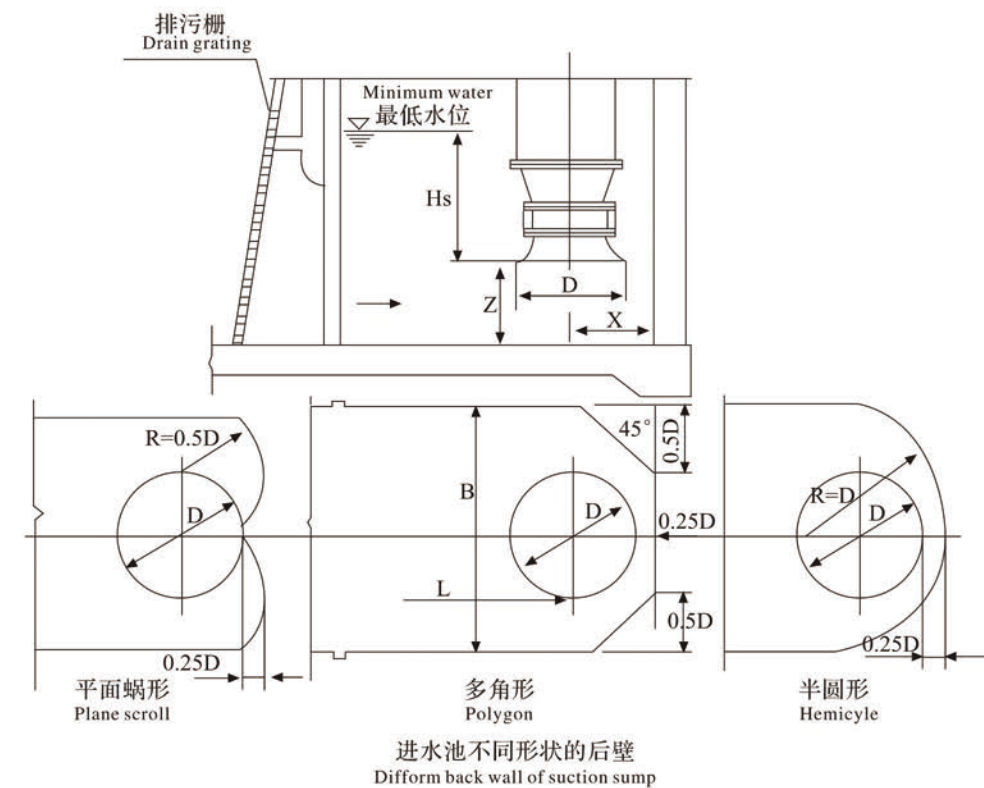
Comprehensive size of suction sump (recommended value)

**正面进水直线型进水池最佳几何尺寸 (推荐)**

The best geometrical size (recommended) of front inflow linear suction pump

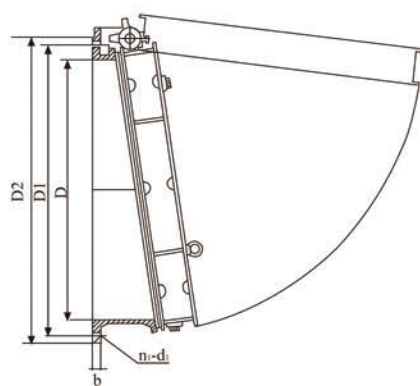
| 进水池几何尺寸<br>Geometrical size<br>of suction sump        | 日本机械学会<br>Japan Society of<br>Mechanical<br>engineers | 英国流体力学工程学会<br>British Hydromechanics<br>Engineering Association | 美国水力研究所<br>American Hydraulic<br>Research Institute | 建议取值<br>Recommended<br>value | 使用条件<br>Applicable conditions   |
|---|---|---|---|------------------------------|---|
| 池宽B/D<br>Sump width B/D                               | 2.0~2.5   | 2~3   | 2.6~2.8   | 2.0~2.5                      | 离心泵, 小泵取大值<br>轴流泵, 大泵取大值<br>For centrifugal pump, the small pump<br>takes the small value.<br>For axial-flow pump, the large pump<br>takes the large value. |
| 悬空高Z/D<br>Floor clearance<br>to the inlet pipe<br>Z/D | 0.5~7.5   | 0.5~0.75  | 0.52~0.59   | 0.5~0.7                      | 小泵取小值<br>大泵取大值<br>The small pump takes the small value.<br>The large pump takes the large pump.   |
| 后壁距X/D<br>Back wall<br>distance X/D                   | 0.8~1.0   | 0.75  | 1.2~1.4   | 0.5~0.75                     | 平面蜗形后壁取0.5D<br>其它形式取+0.75D<br>The plane scroll back wall takes 0.5D<br>Other types take+0.75D   |
| 池长L/D<br>Sump length L/D                              |   | 4.0   |   | 5~8                          |   |

淹没水深HS查阅电泵安装尺寸表  
Please refer to electric pump mounting size table for depth of submergence



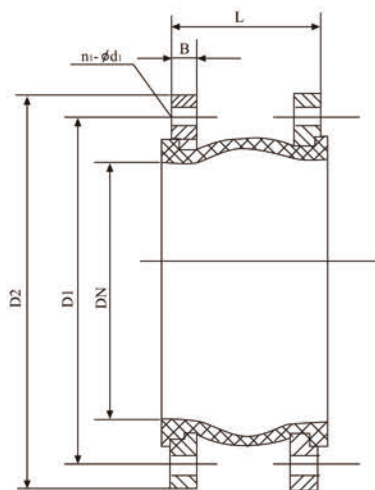


**附件**  
Accessories



| 井筒出水口径<br>Outlet caliber<br>of well bore | 浮箱出水拍门外形尺寸 (mm)<br>Outline size of outlet flap valve of pontoon |      |      |    |        |
|--|---|------|------|----|--------|
|  | D   | D1   | D2   | b  | n1-d1  |
| 350                                      | 350   | 445  | 495  | 20 | 8-φ22  |
| 400                                      | 400   | 495  | 540  | 20 | 8-φ22  |
| 500                                      | 500   | 600  | 640  | 20 | 12-φ22 |
| 600                                      | 600   | 705  | 755  | 20 | 12-φ27 |
| 700                                      | 700   | 810  | 860  | 20 | 12-φ27 |
| 800                                      | 800   | 920  | 980  | 20 | 12-φ27 |
| 900                                      | 900   | 1020 | 1075 | 25 | 12-φ27 |
| 1000                                     | 1000  | 1120 | 1175 | 25 | 12-φ27 |
| 1200                                     | 1200  | 1320 | 1380 | 25 | 12-φ30 |
| 1400                                     | 1400  | 1520 | 1575 | 32 | 12-φ30 |
| 1600                                     | 1600  | 1760 | 1830 | 32 | 12-φ36 |

拍门页比重1.2~1.5, 密封空腔结构, 经其在水中的浮力代替挂平衡, 比传统方法增加拍门页开放角度。  
Specific gravity of flap valve is 1.2~1.5, airproof cavity structured, making use of buoyant force in the water to replace the hanging balance, it has larger valve opening angle compared with traditional modes.



| 公称直径DN<br>Nominal<br>diameter | 伸缩节外形尺寸(mm)<br>Expansion joint outline size |      |        |    |     |
|-------------------------------|---|------|--------|----|-----|
|                               | D1  | D2   | n1-φd1 | B  | L   |
| 350                           | 460   | 500  | 16-φ22 | 38 | 265 |
| 400                           | 515   | 565  | 16-φ26 | 40 | 265 |
| 500                           | 620   | 670  | 20-φ26 | 42 | 265 |
| 600                           | 725   | 780  | 20-φ30 | 42 | 260 |
| 700                           | 840   | 895  | 24-φ30 | 42 | 260 |
| 800                           | 950   | 1015 | 24-φ33 | 42 | 260 |
| 900                           | 1050  | 1115 | 28-φ33 | 44 | 260 |
| 1000                          | 1160  | 1230 | 28-φ36 | 44 | 260 |
| 1200                          | 1380  | 1455 | 32-φ39 | 44 | 260 |
| 1400                          | 1590  | 1675 | 36-φ42 | 44 | 350 |
| 1600                          | 1820  | 1915 | 40-φ48 | 48 | 350 |

**潜水轴流泵、混流泵成套供应范围**

Submersible axial-flow pump, submersible mixed-flow pump range of complete supply

|                      | 主机 Main machine         | 安装方式 Installation mode               |   |   |   |   | 备注<br>Remarks |
|----------------------|-------------------------|--------------------------------------|---|---|---|---|---------------|
|                      |                         | 井筒悬吊安装<br>Shaft hanging installation | 井筒弯管安装<br>Pipe-bent installation of well bore | 井筒落地安装<br>Floor installation of well bore | 井筒敞开安装<br>Opening installation of well bore | 混凝土预制井筒<br>Concrete prefabricate of well bore |               |
|                      | 控制柜 Control panel       | ●                                    | ●   | ●   | ●   | ●   |               |
|                      | 井筒 Well bore            | ●                                    | ●   | ●   | ●   | ●   | 按Ho提供尺寸       |
|                      | 盖板 Cover plate          | ●                                    | ●   | ●   | ●   | ●   |               |
|                      | 支撑座 Supporter           | ●                                    | ●   | ●   | ●   | ●   |               |
|                      | 穿墙管 Wall pipe           | ●                                    | ●   | ●   | ●   | ●   |               |
|                      | 排污栅 Drain grating       | ●                                    | ●   | ●   | ●   | ●   |               |
|                      | 端子箱 Terminal box        | ●                                    | ●   | ●   | ●   | ●   |               |
|                      | 浮球开关 Float switch       | ●                                    | ●   | ●   | ●   | ●   |               |
|                      | 浮箱拍门 Pontoon flap valve | ●                                    | ●   | ●   | ●   | ●   |               |
|                      | 伸缩节 Flexible door       | ●                                    | ●   | ●   | ●   | ●   |               |
| 产品配件<br>Product part | O形圈 O ring              | ●                                    | ●   | ●   | ●   | ●   | 按合同供货         |
|                      | 叶片 Blade                | ●                                    | ●   | ●   | ●   | ●   | 按合同供货         |
|                      | 轴承 Bearing              | ●                                    | ●   | ●   | ●   | ●   | 按合同供货         |
|                      | 机械密封 Mechanical seal    | ●                                    | ●   | ●   | ●   | ●   | 按合同供货         |
|                      | 电缆线 Cable conductor     | ●                                    | ●   | ●   | ●   | ●   | 按合同供货         |
|                      | 进线密封 wire sealing       | ●                                    | ●   | ●   | ●   | ●   | 按合同供货         |

**常见故障排除**

Failures causes and troubleshooting

| 故障现象<br>Failure                      | 原因分板<br>Possible causes   | 排除方法<br>Troubleshooting   |
|--------------------------------------|---|---|
| 动力设备超负荷<br>Dynamic device overloaded | <ol style="list-style-type: none"> <li>1、叶片的安装角度超过规定值</li> <li>2、扬程过高, 出水管路有阻塞</li> <li>3、叶片外缘与叶轮外壳有磨擦</li> <li>4、泵的转速超过规定值</li> <li>5、水泵的叶片绕有杂物</li> <li>6、进水池不符合要求</li> <li>7、泵未在运行范围内运行</li> </ol> | <ol style="list-style-type: none"> <li>1、重新调整(变小)叶片的安装角度</li> <li>2、清理出水管路。</li> <li>3、检查叶片磨损情况重新调整安装</li> <li>4、调整原动机电源频率, 使其符合泵的额定转速</li> <li>5、清除杂物, 停机用水清洗几次, 并在进水池口加上拦污栅, 防止杂物再进入</li> <li>6、水池过小, 应予放大; 两泵间距过小, 设法移开; 改善进水条件, 清除进水口涡</li> <li>7、核查泵的操作数据</li> </ol> |
| 流量减少或不出水<br>Reduced flow or no flow  | <ol style="list-style-type: none"> <li>1、叶轮浸入深度不够</li> <li>2、叶轮外圆磨损或叶片部分击坏</li> <li>3、扬程过高</li> <li>4、潜水泵转向错误</li> <li>5、潜水泵转速未达到规定转速</li> <li>6、潜水泵轮毂体与叶片之间断裂, 或叶片固定螺母松了</li> <li>7、拍门打不开</li> </ol> | <ol style="list-style-type: none"> <li>1、提高运行水位</li> <li>2、更换叶片或调整间隙</li> <li>3、调节扬程至使用范围之内并检查出水管路有无阻塞</li> <li>4、纠正水泵旋转方向</li> <li>5、提高电源频率, 提高转速以便达到规定值</li> <li>6、重新安装叶片, 紧固螺母</li> <li>7、检修拍门</li> </ol>  |



**常见故障排除**

Failures causes and troubleshooting

| 故障现象<br>Failure  | 原因分板<br>Possible causes   | 排除方法<br>Troubleshooting   |
|--|---|---|
| <p>潜水泵运行有杂音或振动</p> <p>Submersible pumps works with noise or vibration</p>                          | <ol style="list-style-type: none"> <li>1、叶轮浸入深度不够</li> <li>2、潜水泵基础不够紧固或螺母松动</li> <li>3、叶轮叶片外圆与叶轮外壳有磨擦</li> <li>4、叶片部分被杂物打碎或脱落</li> <li>5、进水流态不稳定，产生旋涡</li> <li>6、几个泵安装在同一水池内排列不当，互相干扰</li> <li>7、潜水泵在不稳定工况点处运行</li> </ol><br><ol style="list-style-type: none"> <li>1. The impeller does not immerse deep enough</li> <li>2. The base of the submersible pump is not tight enough or the nut is loosened</li> <li>3. The outer edge of the impeller vane rubs against impeller case</li> <li>4. The vane is partly damaged by impure objects</li> <li>5. Inlet flow is not stable and forms whirlpool</li> <li>6. Several pumps installed in the same pool in bad order and distracts each other</li> <li>7. Submersible pump operates in unstable sites</li> </ol> | <ol style="list-style-type: none"> <li>1、提高运行水位</li> <li>2、加固基础，拧紧螺母</li> <li>3、检查叶轮部件和泵轴垂直度</li> <li>4、更换叶片</li> <li>5、改善泵的进水条件</li> <li>6、重新布置或进水池内增添隔板</li> <li>7、选型不当，重新选型</li> </ol><br><ol style="list-style-type: none"> <li>1. Raise operation water level</li> <li>2. Reinforce the base and fasten the nut</li> <li>3. Check the verticality between impeller parts and pump shaft</li> <li>4. Chang the vane</li> <li>5. Improve water inlet of the pump</li> <li>6. Rearrange or add partition in the inlet pool</li> <li>7. Inappropriate choose of model, choose other model</li> </ol> |
| <p>潜水泵不能启动或启动后断路器断开</p> <p>Submersible pump not start or circuit breaker breaks after starting</p> | <ol style="list-style-type: none"> <li>1、绕组、接头或电缆断路</li> <li>2、叶轮卡死</li> <li>3、控制保护装置动作</li> <li>4、电压不在正常范围内</li> <li>5、接线不正确</li> <li>6、控制柜电器故障</li> </ol><br><ol style="list-style-type: none"> <li>1. Broken circuit of winding, connectors or cable</li> <li>2. Choked impeller</li> <li>3. Control the protection device</li> <li>4. Voltage not within the rated range</li> <li>5. Wrong wire connecting</li> <li>6. Control cabinet with electric trouble, the circuit breaker breaks after starting</li> </ol>  | <ol style="list-style-type: none"> <li>1、用万用表检查，如果证明是断路，检查绕组、接线头和电缆</li> <li>2、调整叶轮</li> <li>3、检查保护装置</li> <li>4、将电压调至规定范围</li> <li>5、检查核对控制箱的接线</li> <li>6、检查并更换元器件</li> </ol><br><ol style="list-style-type: none"> <li>1. Check with multi-meter, if it is broken circuit then check the winding, connector and cable</li> <li>2. Adjust the impeller</li> <li>3. Check protection device</li> <li>4. Adjust voltage to rated range</li> <li>5. Check the connection of the control cabinet</li> <li>6. Check and change components</li> </ol>   |

Arctic Ocean  
WORLD  
GREENLAND  
携 手 共 进 共 创 辉 煌  
COMMERCIAL NETWORK  
销售网络  
North Pacific Ocean  
CENTRAL AMERICA  
SOUTH AMERICA  
South Pacific Ocean

■ 集团总部  
● 分支机构  
○ 办事处



