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The banner features the Hanthing logo on the left, which consists of a stylized blue 'S' shape above the word 'Hanthing' in blue. To the right of the logo is a collage of images showing various pump models and components. A large, diagonal yellow banner with the text 'Water pump' in blue runs across the center. To the right of this banner, four blue boxes list pump types: 'Inline', 'Split case', 'Multi stage', and 'End suction'. At the bottom, the website 'www.hanthing.com' is displayed in white text on a blue background.

**Hanthing**

**Water pump**

Inline  
Split case  
Multi stage  
End suction

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



The banner features the Exthin logo on the left, which consists of a stylized yellow 'X' shape above the word 'Exthin' in yellow. To the right of the logo is a collage of images showing various compressor models and components. A large, diagonal yellow banner with the text 'Air Compressor' in black runs across the center. To the right of this banner, three black boxes list compressor types: 'Portable', 'Screw', and 'Piston'. At the bottom right, there is an image of a large industrial compressor unit. At the top, the website 'www.exthin.com' is displayed in white text on a black background.

**www.exthin.com**

**Exthin**

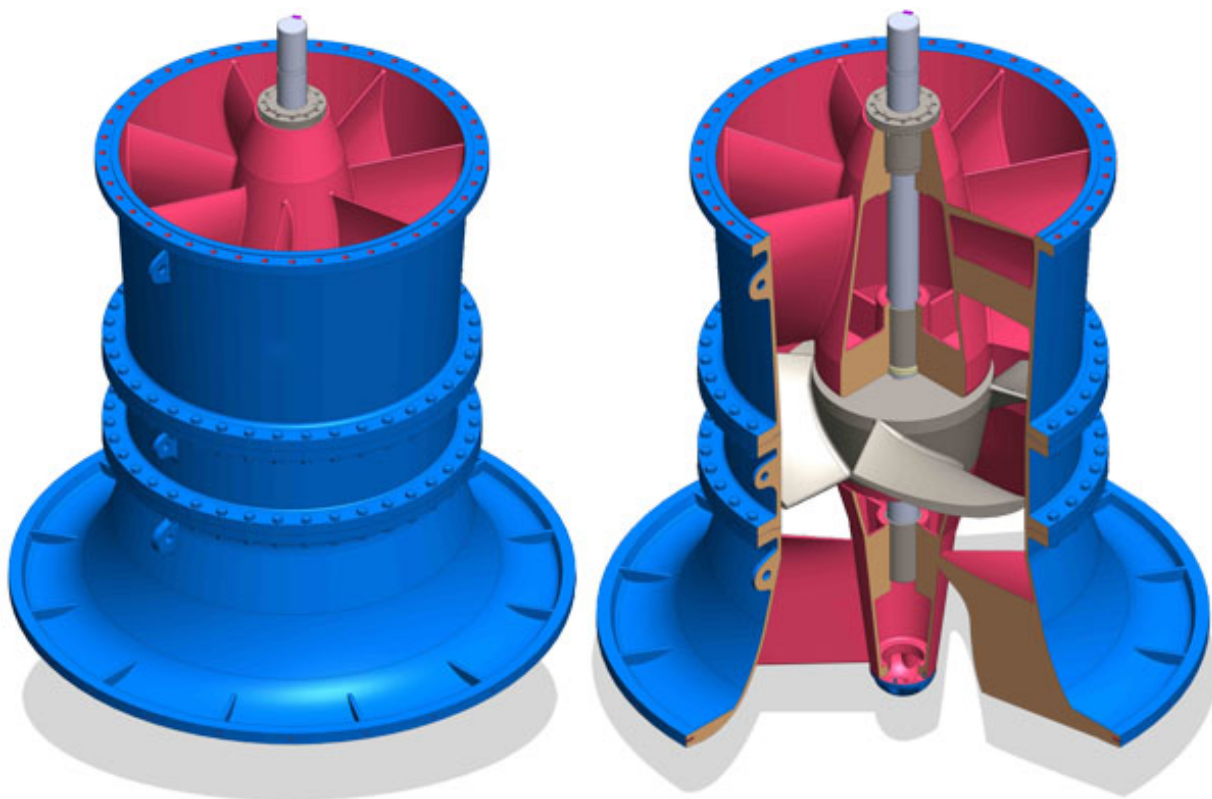
**Air Compressor**

Portable  
Screw  
Piston

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

# ] K+0,E系列 2 〰 泵

ZH(L)B Axial/Mixed Flow Pump



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## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

## 产品概述 General

Z(H)LB立式轴(混)流泵是本公司在引进国内外先进技术, 根据用户的要求及使用条件精心设计而研制成功的新一代产品。该系列产品选用最新优秀水力模型, 高效范围宽, 性能稳定, 且抗汽蚀性能优良; 叶片采用蜡模精密铸造, 表面光滑流畅, 铸造尺寸精度与设计精度一致, 水力磨擦损失、冲击损失大大减小, 叶片平衡性能更好, 效率比普通叶轮高3-5%。

流量: 800~200000m<sup>3</sup>/h

扬程: 1~30.6m

功率: 18.5~7000kW

电压: ≥355kW, 电压为6kV、10kV

频率: 50Hz

Z(H)LB vertical axial-(mixed)-flow pump is a new general-eration product successfully developed by this Company by means of introducing the advanced foreign and domestic know-how and meticulous designing on the basis of the requirements from users and the conditions of use. This series product uses the latest excellent hydraulic model, wide range of high efficacy, stable performance and good vapor erosion resistance; the impeller is precisely cast with a wax mould, a smooth and unimpeded surface, identical accuracy of the cast dimension to that in design, greatly reduced hydraulic friction loss and shocking loss, a better balance of impeller, a higher efficiency than that of the common impellers by 3-5%.

Flow: 800~200000m<sup>3</sup>/h

Head: 1~30.6m

Power: 18.5~7000kW

Voltage: ≥355kW, 6kV、10kV

Frequency: 50Hz

## 产品执行标准 Adopted standard

GB/T13008 混流泵、轴流泵 技术条件

GB/T13008 Technical conditions for mixed-flow pump and axial-flow pump

## 产品主要用途 Purpose

立式轴(混)流泵广泛使用于水利工程、农田灌溉、工业输送水、城市给排水及调水工程。

Extensively used for hydraulic projects, farm-land irrigation, industrial water transportation, water supply and drainage of cities and water allocation engineering.

## 泵的使用条件 Conditions for use

立式轴(混)流泵适用于吸送清水或物理化学性质近似于水的其它液体。

介质温度: ≤50℃

介质密度: ≤1.05×10<sup>3</sup>kg/m<sup>3</sup>

介质PH值: 5~11之间

Suitable for pumping pure water or other liquids of the physical chemical natures similar to those of pure water.

Medium temperature: ≤50℃

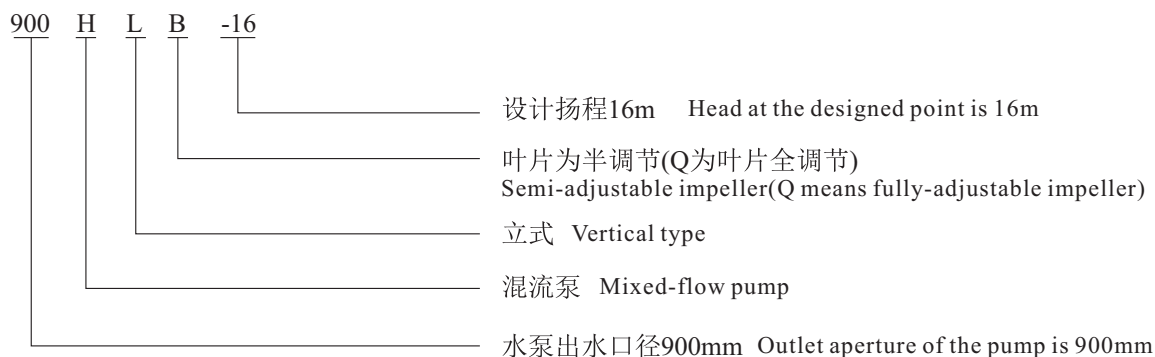
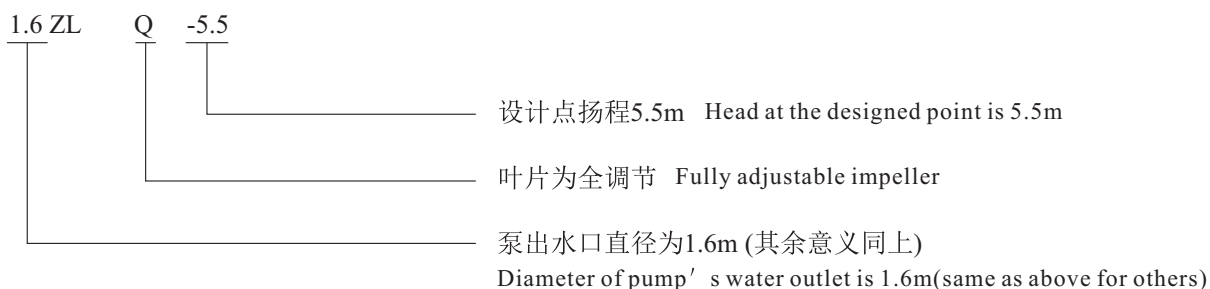
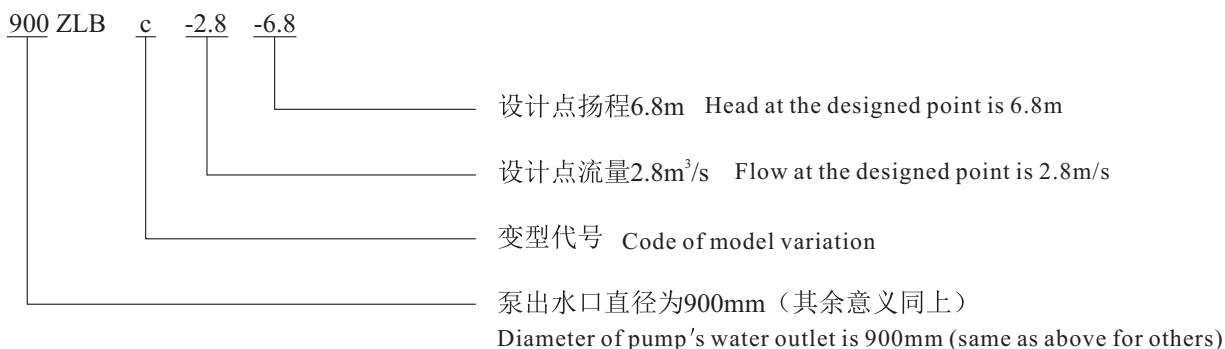
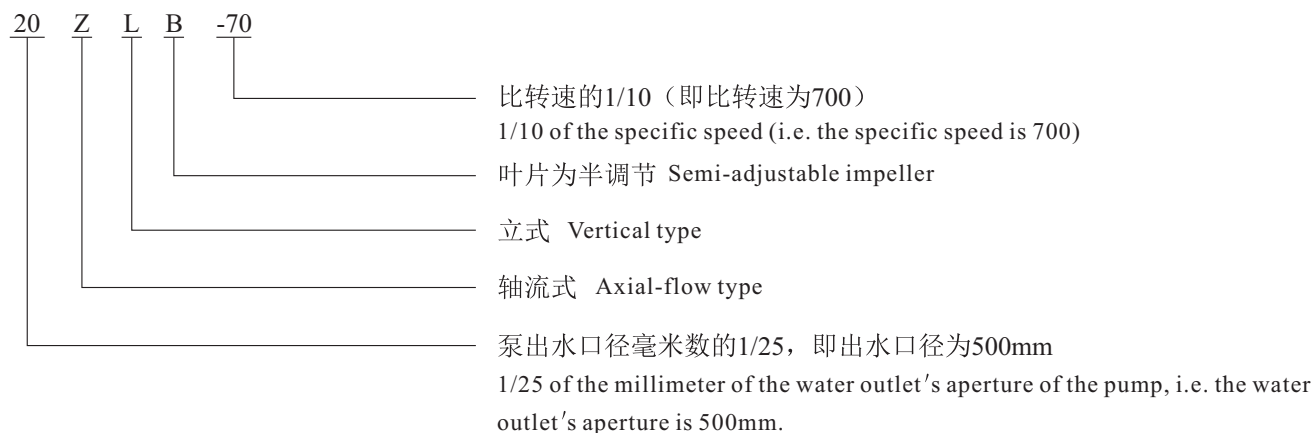
Medium density: ≤1.05×10<sup>3</sup>kg/m<sup>3</sup>

PH value of medium: between 5~11



## Z ( H ) LB系列立式轴 ( 混 ) 流泵

### 型号意义 Model meaning



## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

## 结构说明 About the structure

ZLB(Q)、HLB(Q)系列产品均为立式结构，配用立式电机。按照叶片调节情况分为固定、半调式和全调式。叶片和轮毂铸为一体为固定式，叶片角度不可调；半调式则在需改变工况时，可以松开叶片紧固螺钉等，转动叶片至所需角度，然后重新固定好所有叶片；Z(H)LQ型为全调节式，在停机或不停机情况，通过机械式或液压式调节机构调整叶片角度。

立式轴（混）流泵主要有本体部分和传动部分组成。本体部分一般含有进水管、叶轮、导叶体、泵轴、弯管及中间管、密封组件以及联轴器等。中小型泵进水管一般用进水喇叭；大型泵采用肘形或钟形进水流道，以混凝土浇制并配有进口基础件。可调式叶轮由叶片（材质一般为不锈钢或铜合金）、轮毂、导水锥等构成，中小型泵叶轮与泵轴用平键、螺母联接，大型泵及全调节泵的轮毂与主轴法兰联接。泵的导轴承为橡胶轴承，可用过流水或另加清水润滑，利用过流水润滑时，起动前需通过引水管向上端橡胶轴承供水，待水泵正常出水后方可停止供水。

中小型泵传动部分采用立式电机直接传动，立式电机装在电机座上，通过弹性联轴器与传动轴联接。电机座内装有径向轴承及推力轴承，以油脂或机油润滑；功率较大者轴承箱外有水冷夹层。大型泵配用大型立式电机，直接安装在电机基础大梁上，电机轴法兰与水泵轴法兰（铰制孔）用螺栓联接。水泵轴向力由大型立式电机的推力轴承承受。

从电机端向下看，水泵为顺时针旋转。

ZLB(Q),HLB(Q) series products are all of a vertical structure and fitted with a vertical motor, With the impeller there are fixed, semi-adjustable and fully-adjustable type. The fixed type means both impeller and hub are cast integrally and the impeller angle is unadjustable; the semi-adjustable type means the impeller can be turned to the desired angle by loosening the fixing screw on it in case the working conditions need to be changed, then fix all the impellers again; Z(H)LQ is the fully-adjustable type, that means the impeller angle can be adjusted through a mechanical or hydraulic adjustor with or without stopping.

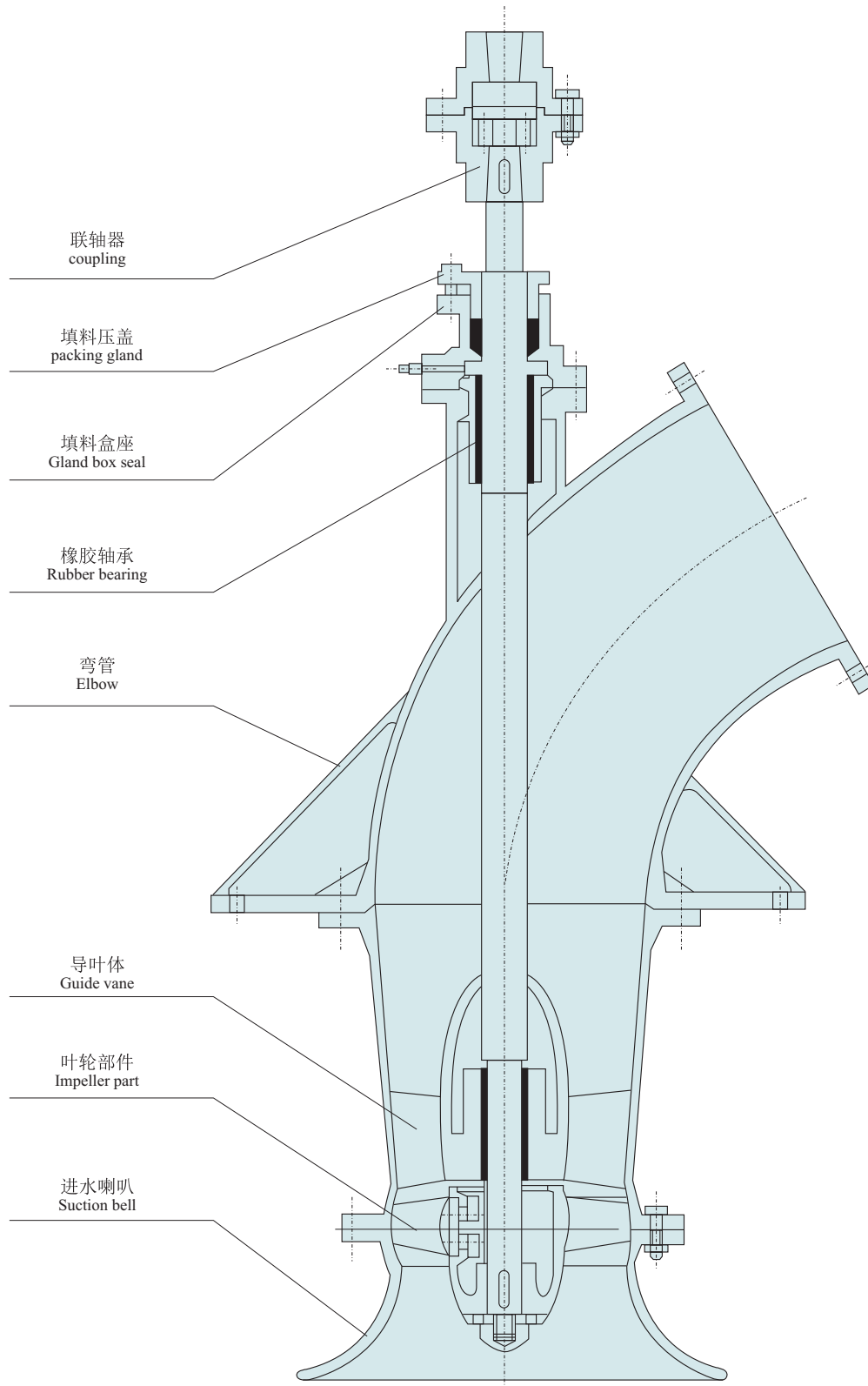
Vertical axial-(mixed)-flow pump consists of the pump casing and the actuating part. The pump casing generally includes water inlet pipe, impeller, guide vane, pump shaft, elbow, middle pipe, sealing unit and clutch. For both middle and small pumps, a water inlet horn is used as the water inlet pipe while, for the large one, a toggle or bell water inlet passage is used, poured with concrete and fitted with imported basic parts. The adjustable impeller is formed with blade(stainless steel or copper alloy, in general), hub, water guide cone. For the middle and small pumps, both impeller and pump shaft are connected with flat pin and nut while, for the large and fully adjustable ones, a flange is used to connect both hub and main shaft. The pump's guide bearing is a rubber one and can be lubricated with going-through water or additional pure water. When lubricated with the going-through water, it has to be done to supply water for the rubber bearing on the upper side via a water-led pipe and do not stop until water comes out of the pump normally.

Both middle and small pumps are directly actuated by a vertical motor, the motor is mounted on the motor seat and connected with the actuating shaft via an elastic clutch. Inside of the motor seat there are radial and thrust bearings, lubricated with engine oil or grease; for the one of a bigger power there is a water cooling mezzanine. Large pump is fitted with a large vertical motor, directly mounted on the motor's basic beam, and both motor shaft flange and pump shaft flange (hinged hole) are linked with bolt. The axial force of the pump is borne by the thrust bearing of the large vertical motor.

The pump moves clockwise viewing from the motor.

结构示意图 Structural map

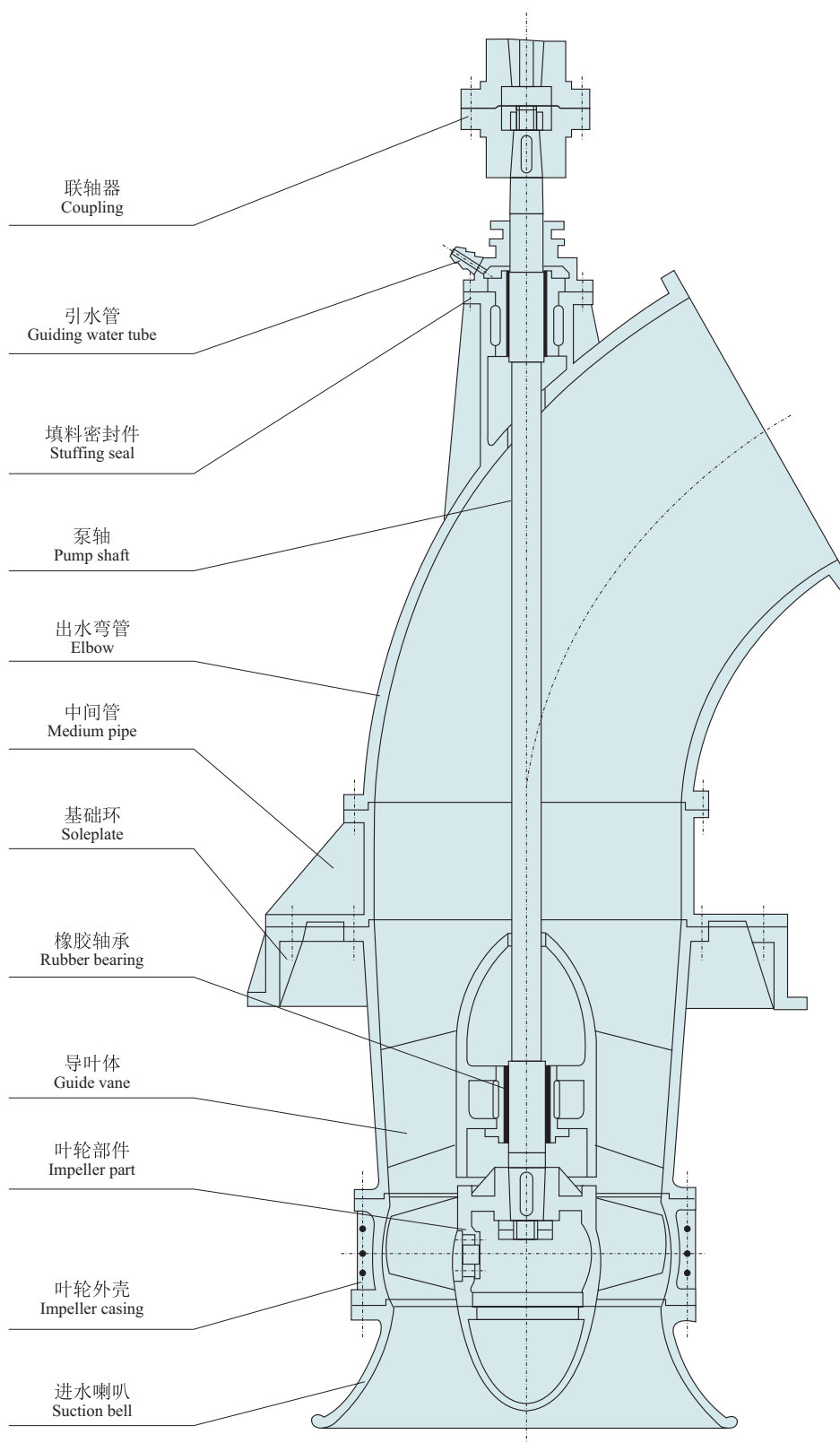
ZLB型轴流泵结构图 ( I )  
Structural Drawing For ZLB Axial Pump( I )



Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

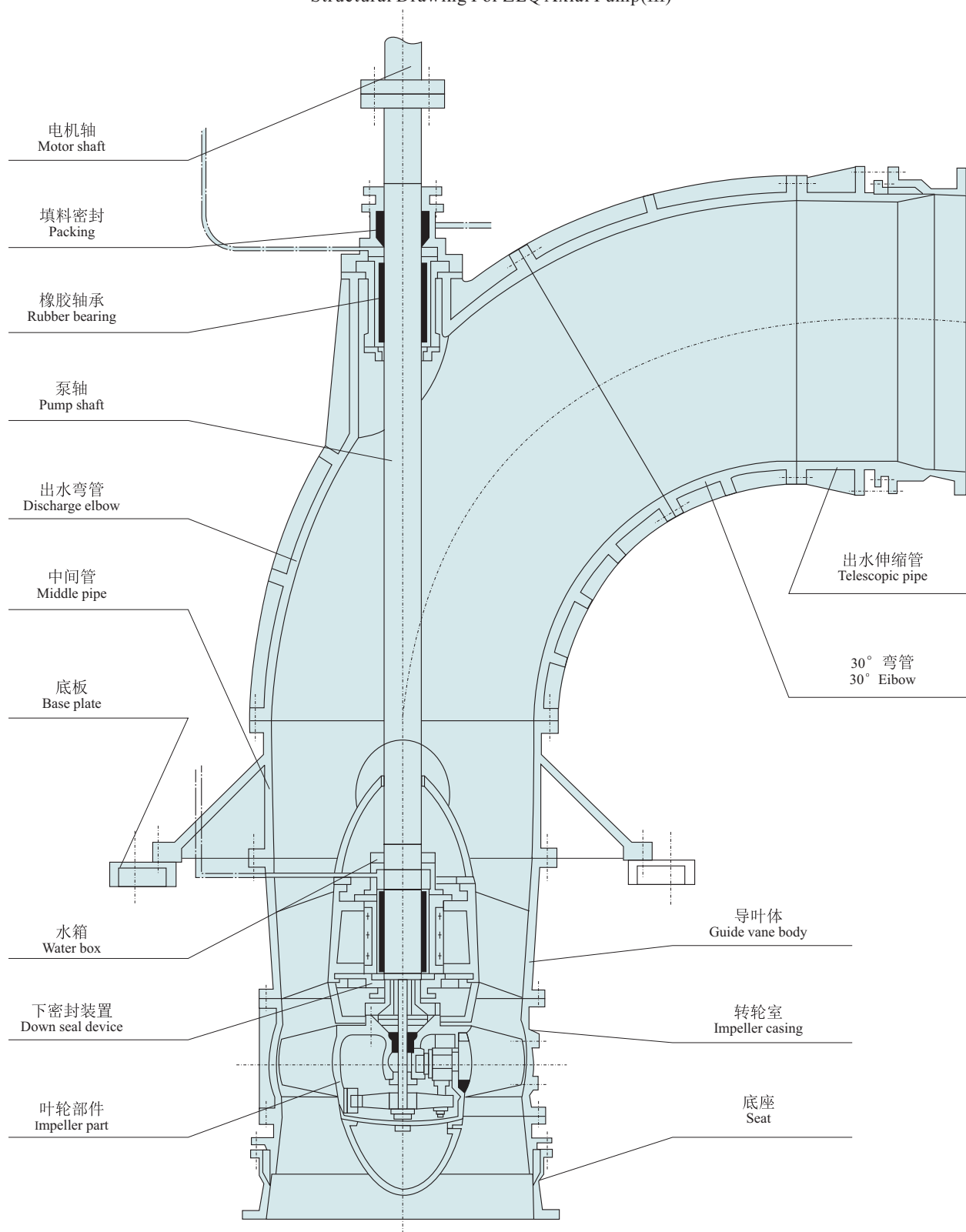
结构示意图 Structural map

ZLB型轴流泵结构图（II）  
Structural Drawing For ZLB Axial Pump(II)



结构示意图 Structural map

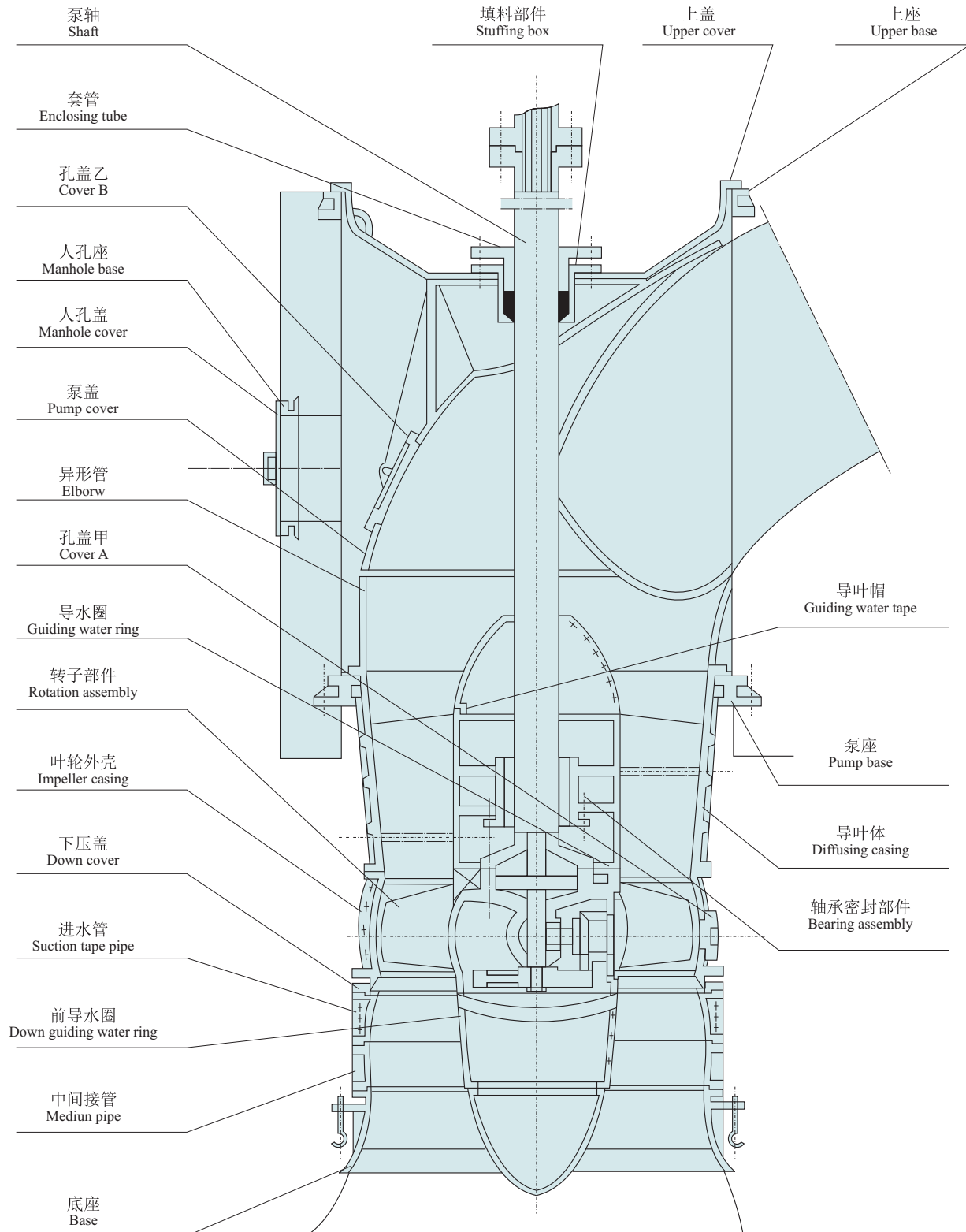
ZLQ型轴流泵结构图 (III)  
Structural Drawing For ZLQ Axial Pump(III)



## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 结构示意图 Structural map

大型ZLQ型立式全调节轴流泵结构图  
Sketch of Large ZLQ Vertical Axial-Flow Pump with Blades Adjustable in Operation

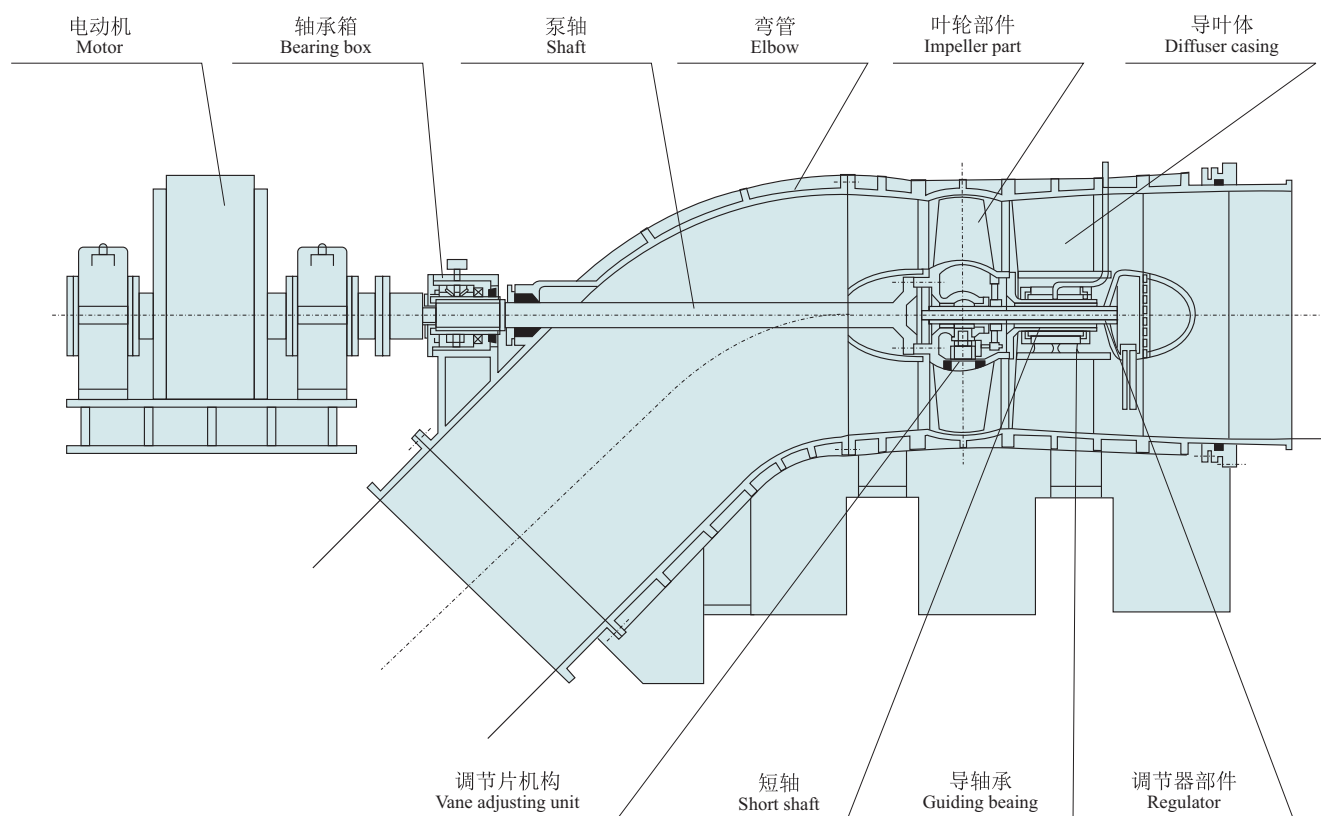




## Z ( H ) LB系列立式轴 ( 混 ) 流泵

### 结构示意图 Structural map

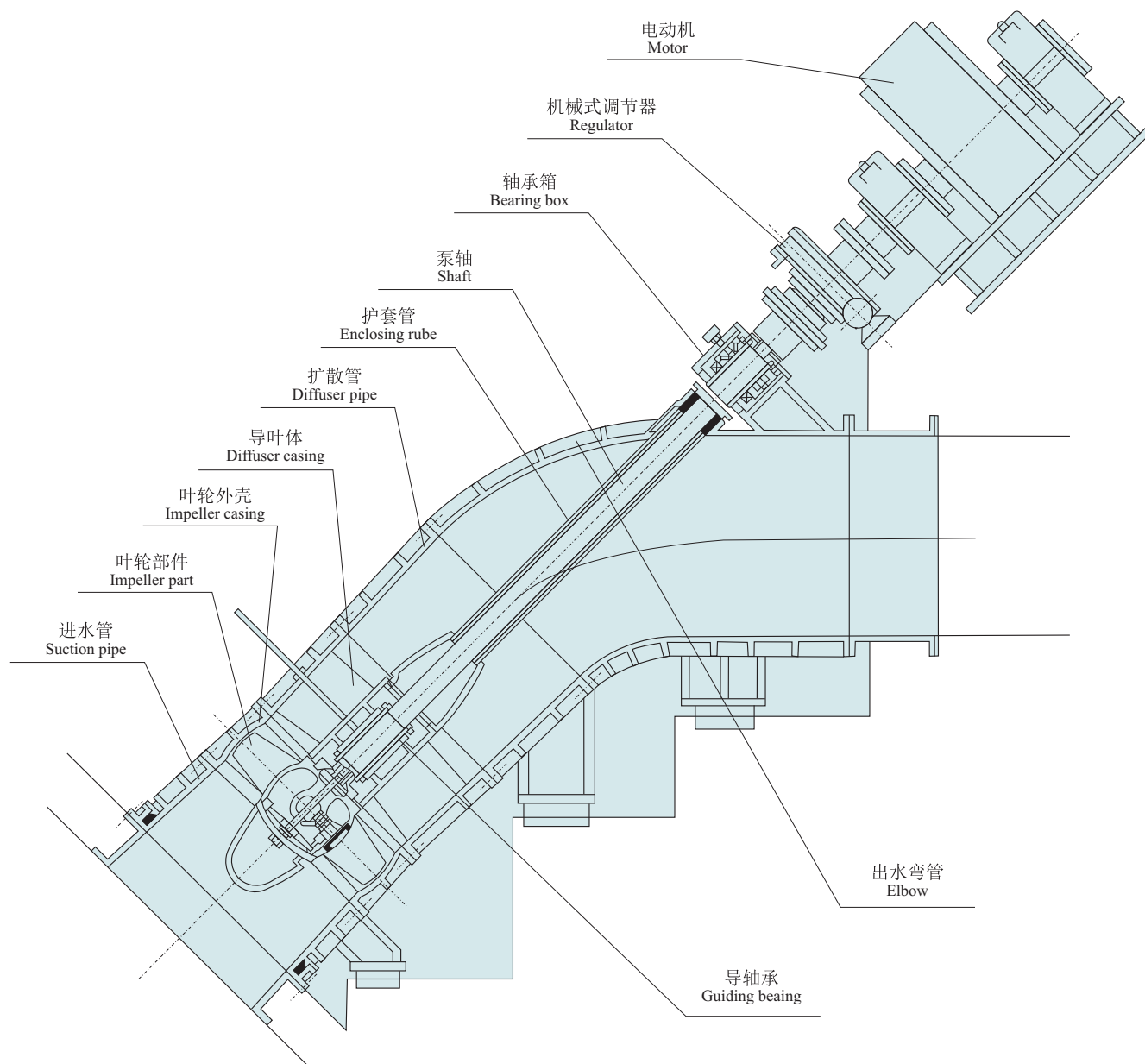
ZWQ型卧式全调节轴流泵结构图  
Sketch of ZWQ Horizontal Axial-Flow Pump with Blades Adjustable in Operation



## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 结构示意图 Structural map

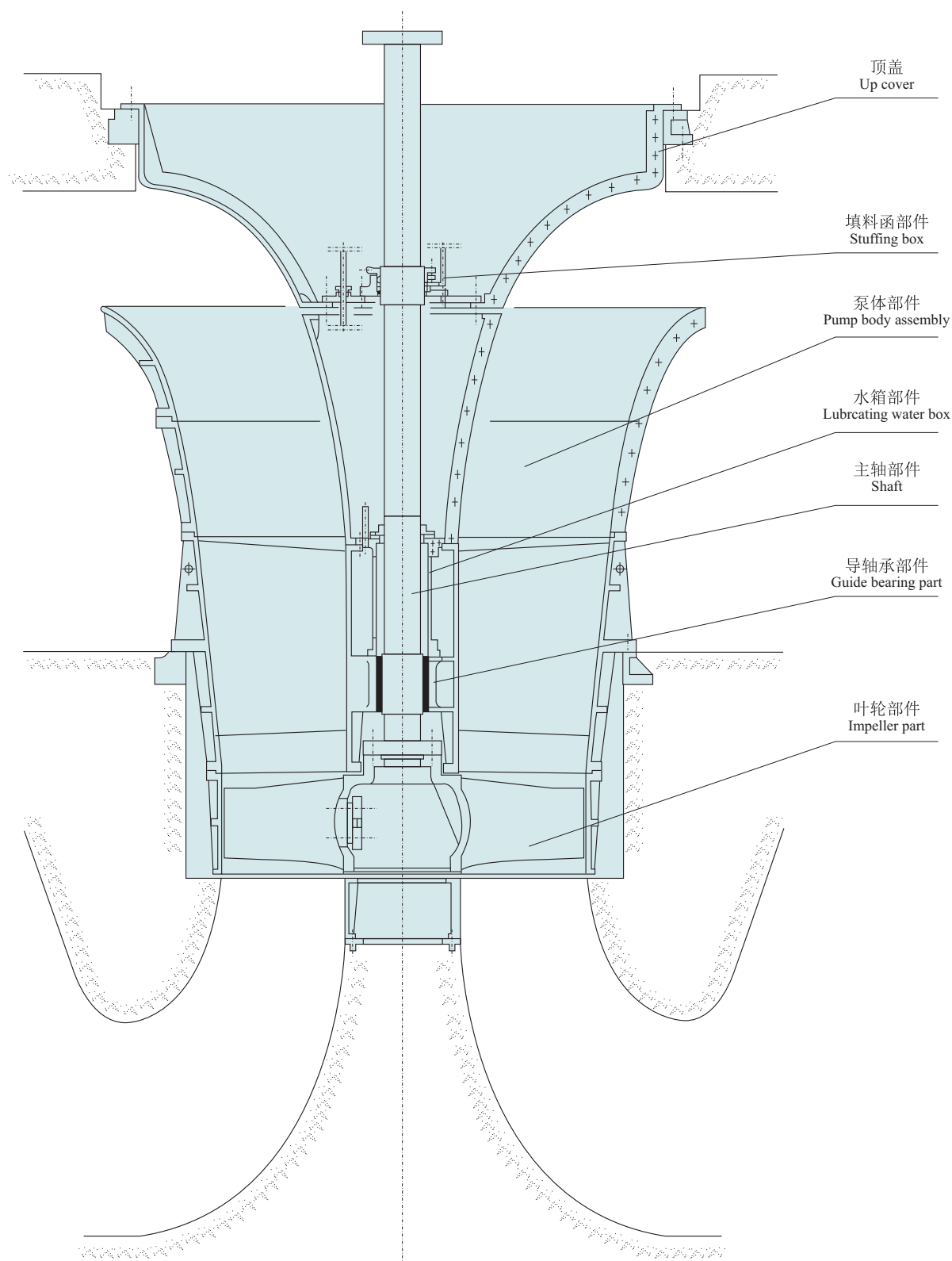
ZXQ型斜式全调节轴流泵结构图  
Sketch of ZXQ Inclined Axial-Flow Pump with Blades Adjustable in Operation



Z ( H ) LB系列立式轴 ( 混 ) 流泵

结构示意图 Structural map

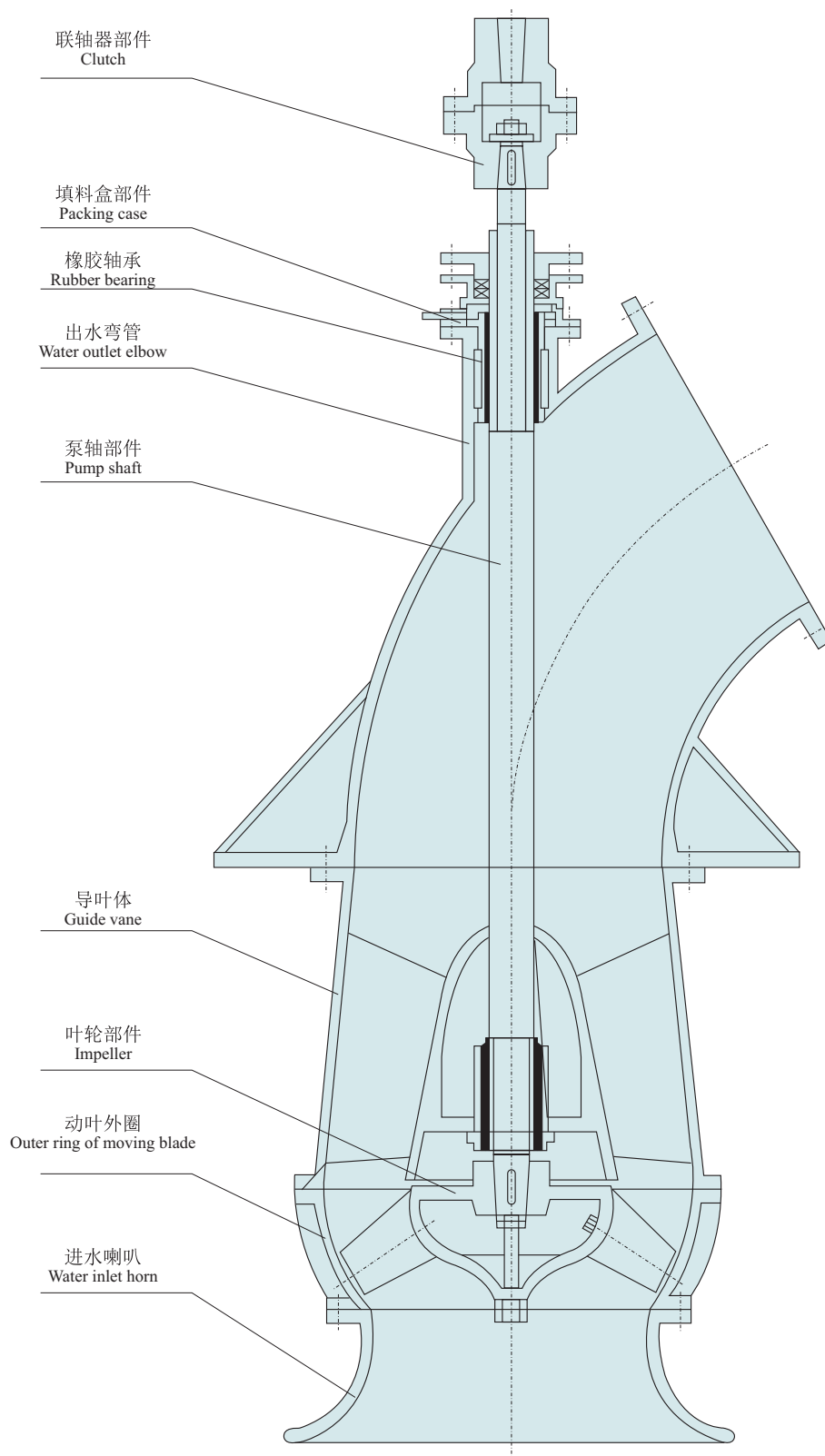
大型立式开敞式轴流泵结构图  
Sketch of Large-sized Vertical open-type Axial-Flow Pump



## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

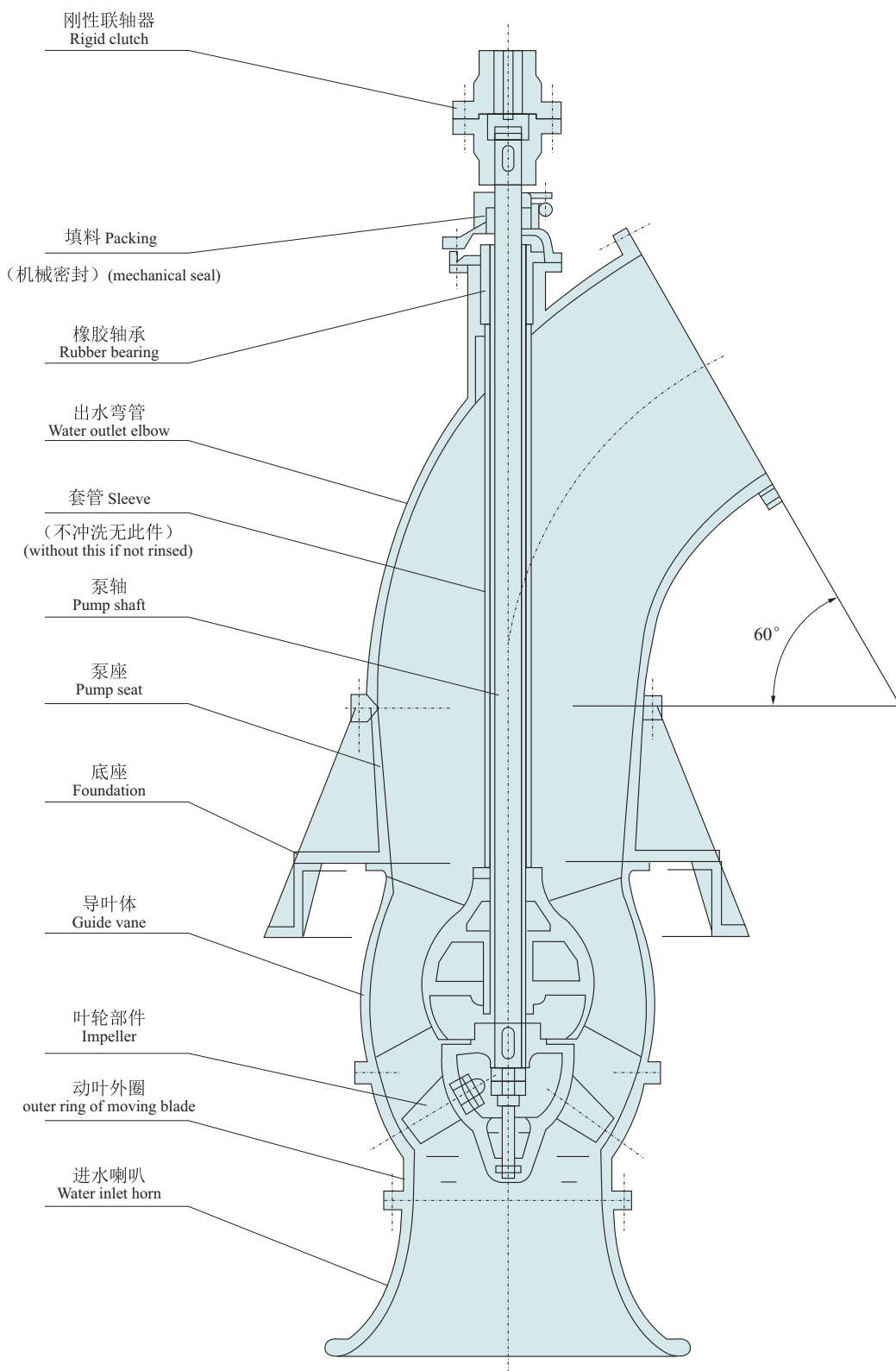
### 结构示意图 Structural map

HLB型混流泵结构图 ( I )  
Structural drawing of model HLB mixed-flow pump( I )



## 结构示意图 Structural map

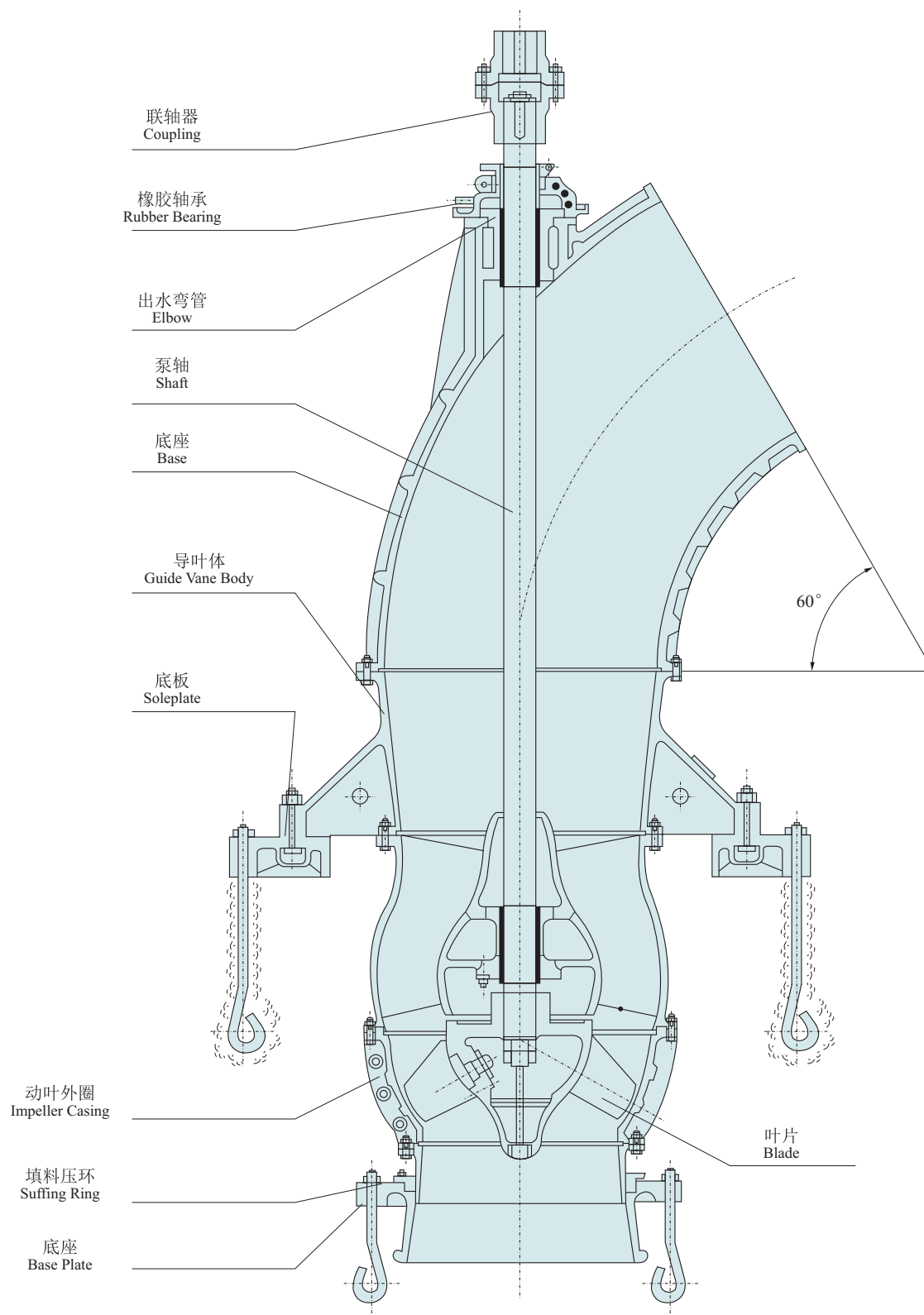
HLB型混流泵结构图 ( II )  
Structural drawing of model HLB mixed-flow pump( II )



## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 结构示意图 Structural map

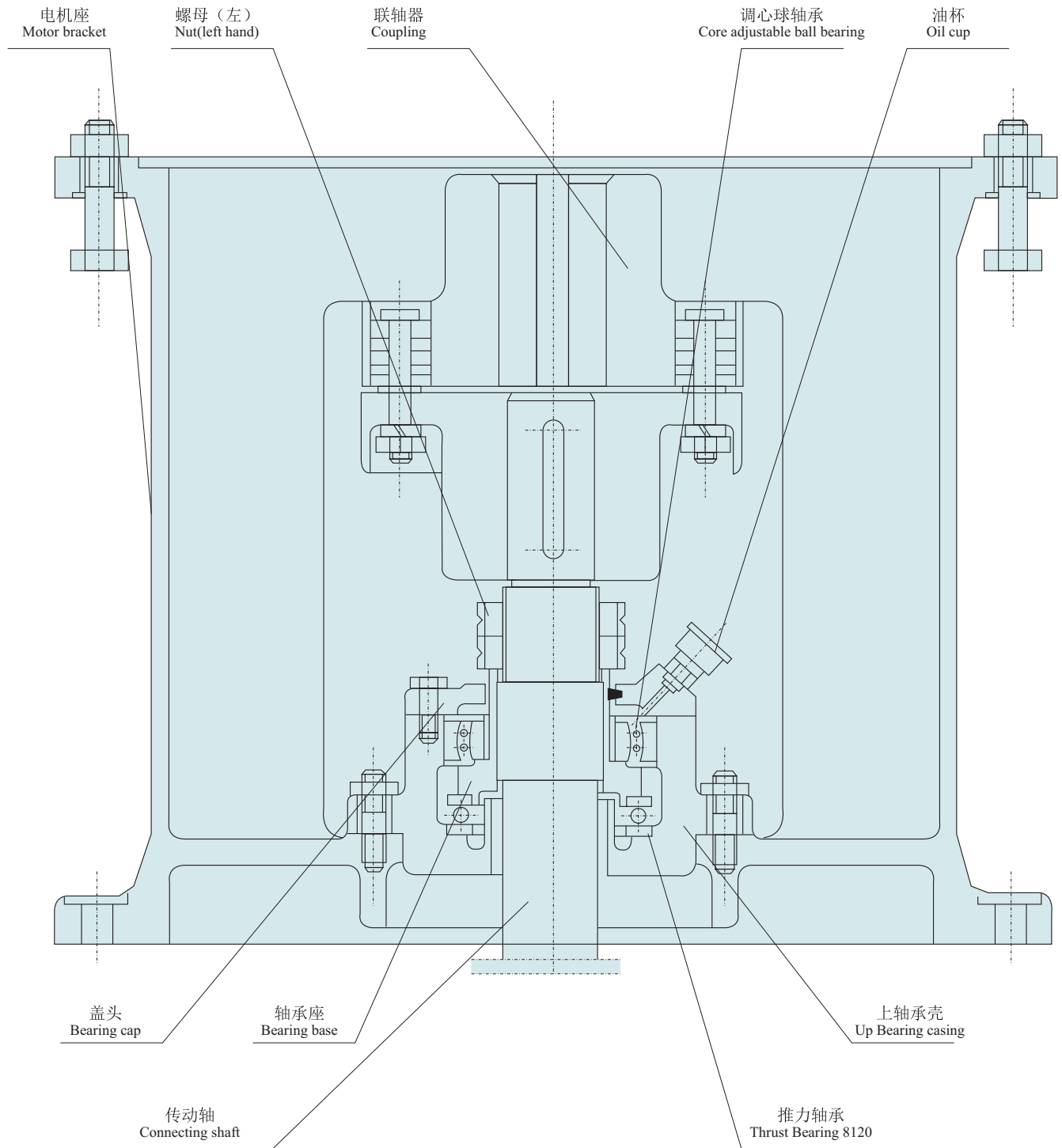
HLB型混流泵结构图 (III)  
Structural drawing of model HLB mixed-flow pump(III)



## Z ( H ) LB系列立式轴 ( 混 ) 流泵

### 结构示意图 Structural map

立式电机传动装置 ( I )  
Driving Device For Vertical Motor( I )

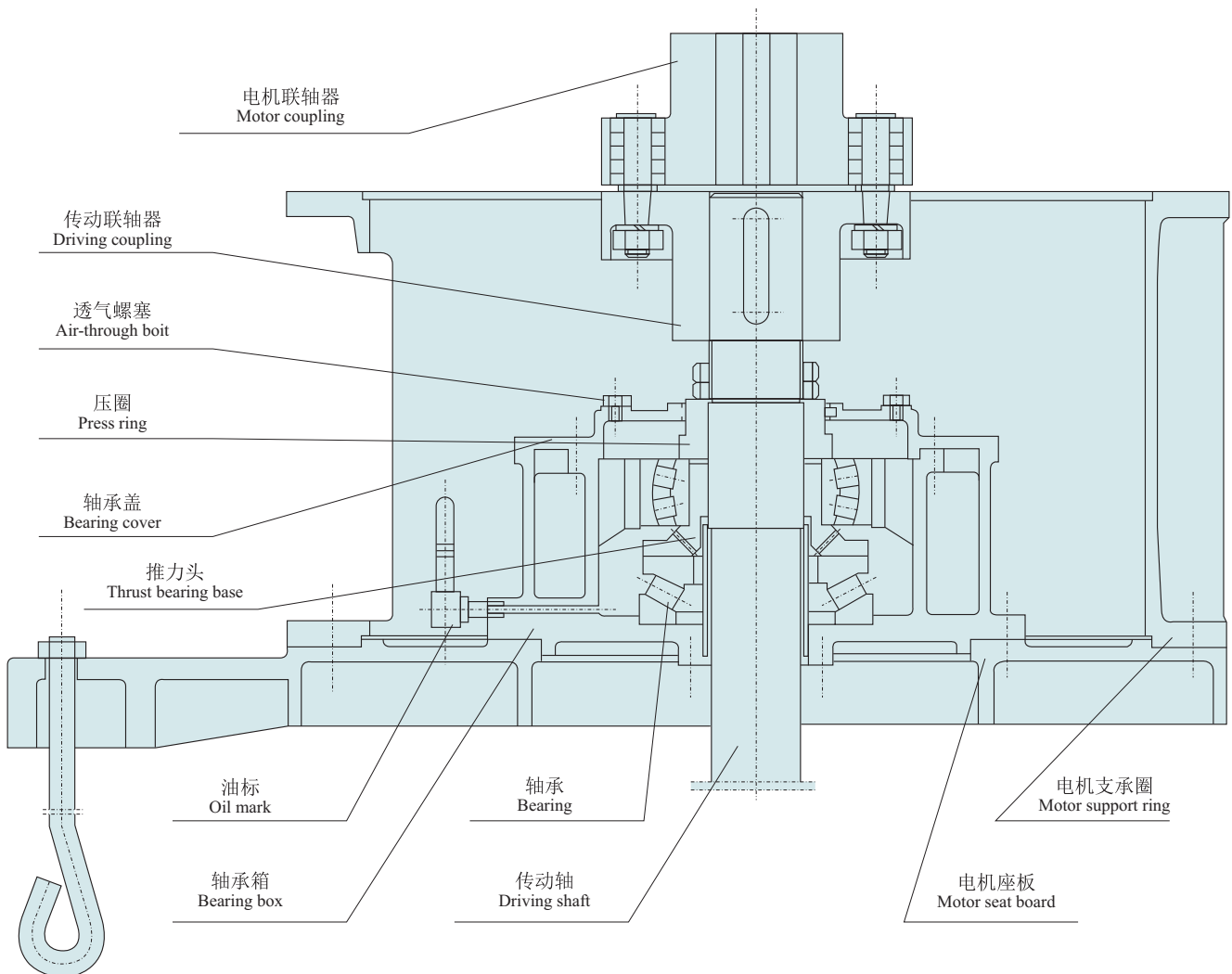




## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 结构示意图 Structural map

立式电机传动装置（II）  
Driving Device For Vertical Motor(II)

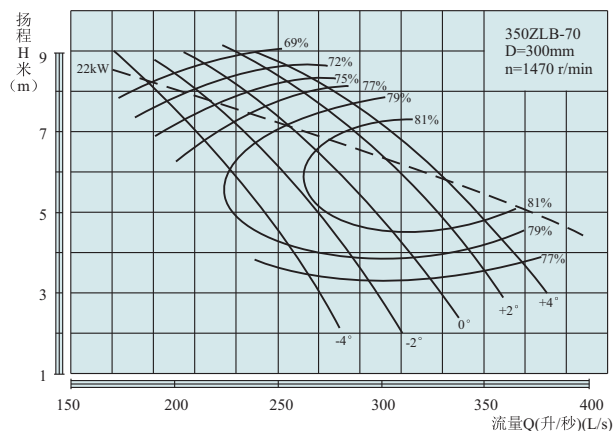


**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**

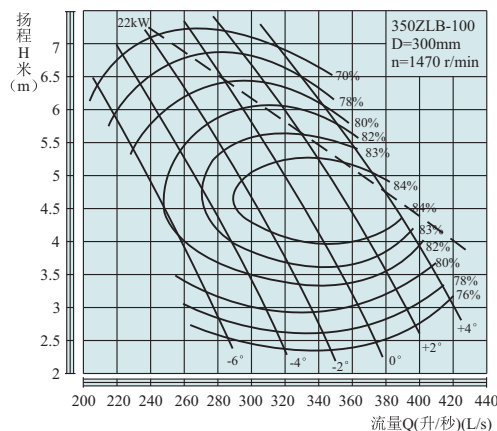
(一) ZLB(Q)立式轴流泵性能参数表和性能曲线

(1) Working performance table and curve of ZLB(Q) vertical axial-flow pump

350ZLB-70 性能曲线图  
350ZLB-70 CHARACTERISTIC CURVES



350ZLB-100 性能曲线图  
350ZLB-100 CHARACTERISTIC CURVES



350ZLB-70 工作性能表 350ZLB-70 CHARACTERISTIC DATA

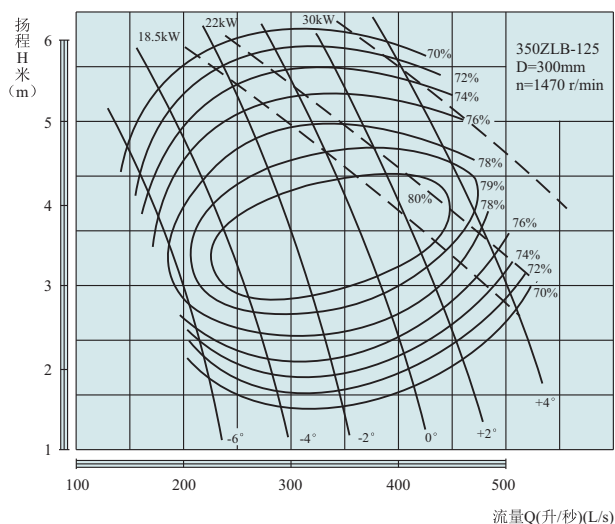
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 949          | 263.6     | 3.45                 | 1470                        | 11.58              | Y180L-4<br>(Bs)<br>22kW   | 77                  | 300                           |
|                     | 812          | 225.6     | 6.00                 |                             | 16.80              |                           | 79                  |                               |
|                     | 736          | 204.5     | 7.30                 |                             | 19.51              |                           | 69                  |                               |
| -2°                 | 1058         | 284.0     | 3.25                 |                             | 12.17              | Y200L-4<br>(Bs)<br>30kW   | 77                  |                               |
|                     | 861          | 239.2     | 6.65                 |                             | 19.74              |                           | 79                  |                               |
|                     | 712          | 197.7     | 8.42                 |                             | 23.65              |                           | 69                  |                               |
| 0°                  | 1163         | 323.1     | 3.30                 |                             | 13.58              |                           | 77                  |                               |
|                     | 963          | 267.6     | 6.55                 |                             | 21.21              |                           | 81                  |                               |
|                     | 803          | 223.0     | 8.30                 |                             | 25.20              |                           | 72                  |                               |
| +2°                 | 1224         | 340.0     | 4.07                 |                             | 17.17              |                           | 79                  |                               |
|                     | 1028         | 285.6     | 7.10                 |                             | 24.54              |                           | 81                  |                               |
|                     | 948          | 263.4     | 7.88                 |                             | 26.43              |                           | 77                  |                               |
| +4°                 | 1284         | 356.7     | 4.30                 |                             | 19.03              |                           | 79                  |                               |
|                     | 1256         | 348.8     | 4.75                 |                             | 20.05              |                           | 81                  |                               |
|                     | 1076         | 298.9     | 7.20                 |                             | 26.05              |                           | 81                  |                               |

350ZLB-100 工作性能表 350ZLB-100 CHARACTERISTIC DATA

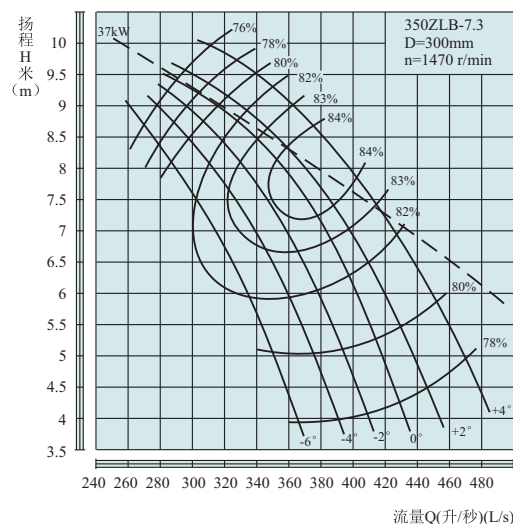
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 1096         | 286       | 2.56                 | 1470                        | 9.44               | Y180L-4<br>(Bs)<br>22kW   | 76                  | 300                           |
|                     | 910.8        | 253       | 4.14                 |                             | 12.51              |                           | 82                  |                               |
|                     | 745.2        | 207       | 6.41                 |                             | 17.11              |                           | 76                  |                               |
| -4°                 | 1144.8       | 318       | 2.43                 |                             | 9.96               | Y200L-4<br>(Bs)<br>30kW   | 76                  |                               |
|                     | 1022.4       | 284       | 4.21                 |                             | 14.10              |                           | 83.1                |                               |
|                     | 799.2        | 222       | 6.91                 |                             | 19.78              |                           | 76                  |                               |
| -2°                 | 1245.6       | 346       | 2.35                 |                             | 10.48              |                           | 76                  |                               |
|                     | 1058.4       | 294       | 4.93                 |                             | 16.91              |                           | 84                  |                               |
|                     | 907.2        | 252       | 6.70                 |                             | 21.20              |                           | 78                  |                               |
| 0°                  | 1339.2       | 372       | 2.47                 |                             | 11.85              |                           | 76                  |                               |
|                     | 1206         | 335       | 4.34                 |                             | 16.90              |                           | 84.3                |                               |
|                     | 950.4        | 264       | 7.20                 |                             | 24.51              |                           | 76                  |                               |
| +2°                 | 1425.6       | 396       | 2.73                 |                             | 13.94              |                           | 76                  |                               |
|                     | 1278         | 355       | 4.58                 |                             | 18.75              |                           | 85                  |                               |
|                     | 1029.6       | 286       | 7.20                 |                             | 26.55              |                           | 76                  |                               |
| +4°                 | 1501.2       | 417       | 3.08                 |                             | 16.56              |                           | 76                  |                               |
|                     | 1368         | 380       | 4.57                 |                             | 20.21              |                           | 84.2                |                               |
|                     | 1141.2       | 317       | 6.96                 |                             | 28.45              |                           | 76                  |                               |

**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

350ZLB-125 性能曲线图  
350ZLB-125 CHARACTERISTIC CURVES



350ZLB-7.3 性能曲线图  
350ZLB-7.3 CHARACTERISTIC CURVES



350ZLB-125 工作性能表 350ZLB-125 CHARACTERISTIC DATA

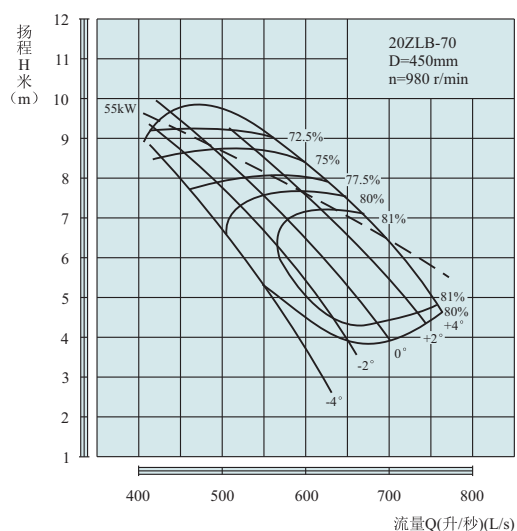
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 540          | 150       | 4.65                 | 1470                        | 9.80               | Y180M-4<br>(B5)<br>18.5kW | 70                  | 300                           |
|                     | 688          | 191       | 3.20                 |                             | 7.70               |                           | 78                  |                               |
|                     | 792          | 220       | 1.93                 |                             | 5.95               |                           | 70                  |                               |
| -4°                 | 655          | 182       | 5.36                 |                             | 13.70              | Y180L-4<br>(B5)<br>22kW   | 70                  |                               |
|                     | 900          | 250       | 3.20                 |                             | 9.80               |                           | 80                  |                               |
|                     | 1040         | 289       | 1.49                 |                             | 6.03               |                           | 70                  |                               |
| -2°                 | 832          | 231       | 5.96                 |                             | 19.30              | Y200L-4<br>(B5)<br>30kW   | 70                  |                               |
|                     | 1116         | 310       | 3.30                 |                             | 12.55              |                           | 80                  |                               |
|                     | 1264         | 351       | 1.54                 |                             | 7.57               |                           | 70                  |                               |
| 0°                  | 1094         | 304       | 5.32                 |                             | 20.85              | Y225S-4<br>(B5)<br>37kW   | 76                  |                               |
|                     | 1321         | 367       | 3.56                 |                             | 15.81              |                           | 81                  |                               |
|                     | 1487         | 413       | 1.80                 |                             | 10.41              |                           | 70                  |                               |
| +2°                 | 1156         | 321       | 6.13                 |                             | 27.56              | Y225M-4<br>(B5)<br>45kW   | 70                  |                               |
|                     | 1440         | 400       | 4.01                 |                             | 19.66              |                           | 80                  |                               |
|                     | 1627         | 452       | 2.30                 |                             | 14.16              |                           | 72                  |                               |
| +4°                 | 1534         | 426       | 5.09                 |                             | 27.97              |                           | 76                  |                               |
|                     | 1670         | 464       | 3.92                 |                             | 22.57              |                           | 79                  |                               |
|                     | 1800         | 500       | 2.89                 |                             | 19.68              |                           | 72                  |                               |

350ZLB-7.3 工作性能表 350ZLB-7.3 CHARACTERISTIC DATA

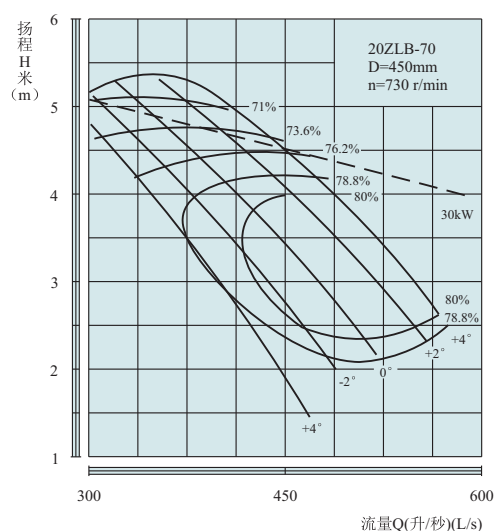
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 1317.6       | 366       | 3.91                 | 1470                        | 16.51              | Y225S-4<br>(B5)<br>37kW   | 78                  | 300                           |
|                     | 1130.4       | 314       | 7.19                 |                             | 26.84              |                           | 82.43               |                               |
|                     | 975.6        | 271       | 8.76                 |                             | 30.61              |                           | 76                  |                               |
| -4°                 | 1407.6       | 391       | 3.99                 |                             | 15.99              | Y225M-4<br>(B5)<br>45kW   | 78                  |                               |
|                     | 1184.4       | 329       | 7.34                 |                             | 28.51              |                           | 83                  |                               |
|                     | 1000.8       | 278       | 9.02                 |                             | 32.33              |                           | 76                  |                               |
| -2°                 | 1479.6       | 411       | 4.11                 |                             | 21.22              |                           | 78                  |                               |
|                     | 1260         | 350       | 7.42                 |                             | 30.66              |                           | 83                  |                               |
|                     | 1026         | 285       | 9.25                 |                             | 33.99              |                           | 76                  |                               |
| 0°                  | 1548         | 430       | 4.37                 |                             | 23.61              |                           | 78                  |                               |
|                     | 1310.4       | 364       | 7.77                 |                             | 32.55              |                           | 85.14               |                               |
|                     | 1054.8       | 293       | 9.46                 |                             | 35.74              |                           | 76                  |                               |
| +2°                 | 1605.6       | 446       | 4.56                 |                             | 25.55              |                           | 78                  |                               |
|                     | 1350         | 375       | 7.93                 |                             | 34.42              |                           | 84.67               |                               |
|                     | 1076.4       | 299       | 9.6                  |                             | 37.01              |                           | 76                  |                               |
| +4°                 | 1688.4       | 469       | 4.93                 |                             | 29.05              |                           | 78                  |                               |
|                     | 1411.2       | 392       | 8.35                 |                             | 38.19              |                           | 84                  |                               |
|                     | 1126.8       | 313       | 9.91                 |                             | 40.00              |                           | 76                  |                               |

**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**

20ZLB-70 性能曲线图(高速)  
20ZLB-70 CHARACTERISTIC CURVES(HIGH SPEED)



20ZLB-70 性能曲线图(低速)  
20ZLB-70 CHARACTERISTIC CURVES(LOW SPEED)



20ZLB-70 工作性能表(高速) 20ZLB-70 CHARACTERISTIC DATA ( HIGH SPEED )

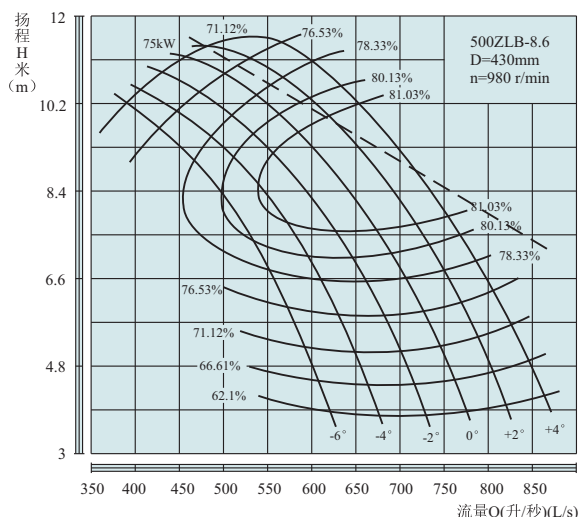
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 1368         | 380       | 9.44                 | 980                         | 50.4               | Y280M-6<br>(Bs)<br>55kW   | 70                  | 450                           |
|                     | 1760         | 489       | 7.0                  |                             | 42.2               |                           | 79.6                |                               |
|                     | 2060         | 571       | 4.35                 |                             | 31.1               |                           | 78.5                |                               |
| -2°                 | 1720         | 479       | 8.2                  |                             | 51.9               |                           | 74.5                |                               |
|                     | 2010         | 559       | 6.43                 |                             | 44                 |                           | 80                  |                               |
|                     | 2250         | 625       | 4.9                  |                             | 40.6               |                           | 73.5                |                               |
| 0°                  | 2099         | 583       | 7.0                  |                             | 50.0               |                           | 79.9                |                               |
|                     | 2160         | 600       | 6.3                  |                             | 45.5               |                           | 81.2                |                               |
|                     | 2510         | 696       | 3.9                  |                             | 34.6               |                           | 77                  |                               |
| +2°                 | 2340         | 650       | 6.6                  |                             | 52.2               |                           | 81.5                |                               |
|                     | 2560         | 711       | 5.5                  |                             | 46.7               |                           | 82                  |                               |
|                     | 2660         | 741       | 4.67                 |                             | 41.6               |                           | 81.5                |                               |
| +4°                 | 2700         | 750       | 5.6                  |                             | 49.5               |                           | 83                  |                               |
|                     | 2858         | 794       | 4.4                  |                             | 43.4               |                           | 79                  |                               |

20ZLB-70 工作性能表(低速) 20ZLB-70 CHARACTERISTIC DATA ( LOW SPEED )

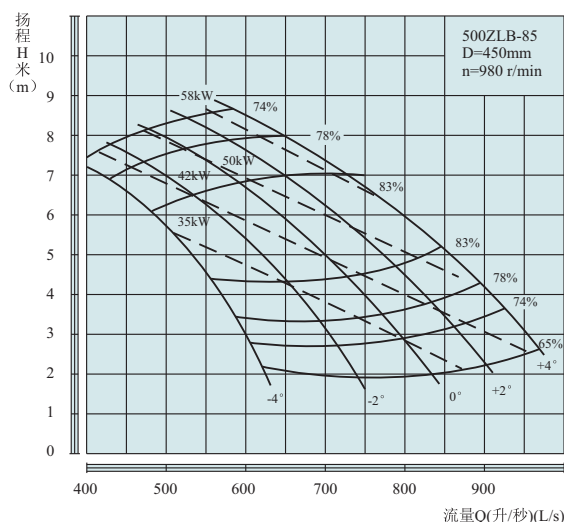
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 1020         | 282       | 5.32                 | 730                         | 20.8               | Y250M-8<br>(Bs)<br>30kW   | 68.2                | 450                           |
|                     | 1310         | 364       | 3.95                 |                             | 17.4               |                           | 78.4                |                               |
|                     | 1530         | 425       | 2.45                 |                             | 13.23              |                           | 77.2                |                               |
| -2°                 | 1175         | 326       | 5.16                 |                             | 21.8               |                           | 73                  |                               |
|                     | 1500         | 416       | 3.56                 |                             | 18.2               |                           | 78.8                |                               |
|                     | 1675         | 456       | 2.76                 |                             | 16.8               |                           | 71.9                |                               |
| 0°                  | 1480         | 410       | 4.16                 |                             | 21.2               |                           | 77.8                |                               |
|                     | 1610         | 447       | 3.56                 |                             | 18.9               |                           | 80.1                |                               |
|                     | 1870         | 520       | 2.16                 |                             | 14.3               |                           | 75.6                |                               |
| +2°                 | 1710         | 475       | 3.95                 |                             | 22.2               |                           | 80.4                |                               |
|                     | 1910         | 530       | 3.10                 |                             | 19.3               |                           | 80.9                |                               |
|                     | 1990         | 552       | 2.63                 |                             | 17.2               |                           | 80.4                |                               |
| +4°                 | 1640         | 454       | 4.44                 |                             | 26                 |                           | 75.4                |                               |
|                     | 1960         | 545       | 3.52                 |                             | 22.2               |                           | 82                  |                               |
|                     | 2100         | 582       | 2.82                 |                             | 19.12              |                           | 81.5                |                               |

**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

500ZLB-8.6 性能曲线图  
500ZLB-8.6 CHARACTERISTIC CURVES



5000ZLB-85 性能曲线图  
500ZLB-85 CHARACTERISTIC CURVES

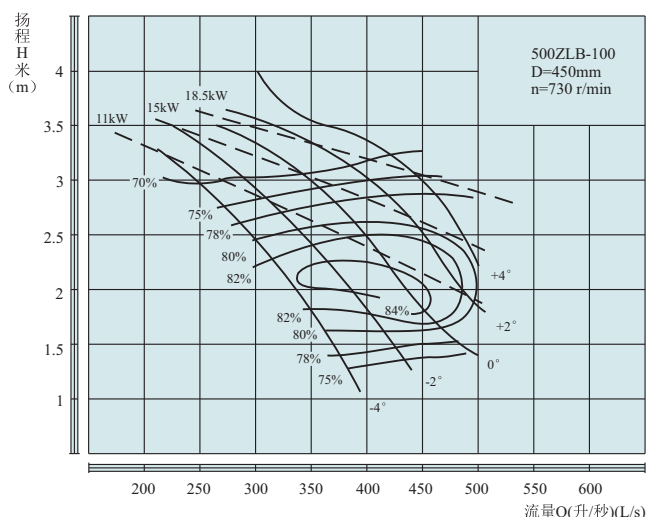
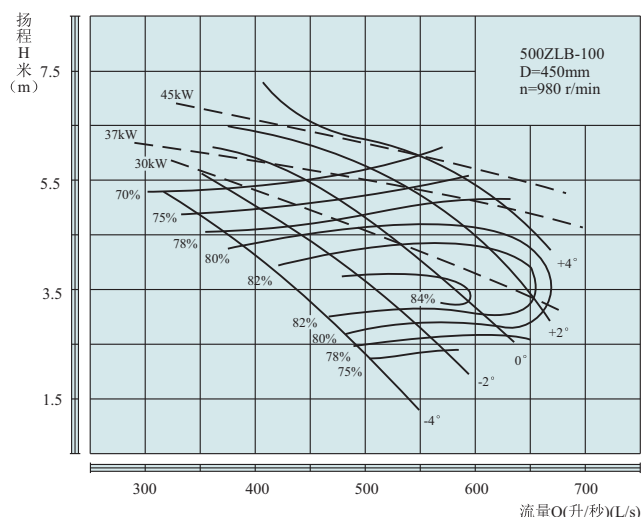


500ZLB-8.6 工作性能表 500ZLB-8.6 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                             | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|-----------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power   |                     |                               |
| -6°                 | 1981.1       | 550.3     | 6.85                 | 980                         | 47.89              | Y315S-6<br>JSL-11-6<br>75kW | 78.33               | 430                           |
|                     | 1843.2       | 512       | 8                    |                             | 50.07              |                             | 80.2                |                               |
|                     | 1522.4       | 422.9     | 9.78                 |                             | 53.62              |                             | 75.63               |                               |
| -4°                 | 2183.4       | 606.5     | 6.65                 |                             | 50.48              |                             | 78.33               |                               |
|                     | 1987.2       | 552       | 8.25                 |                             | 55.1               |                             | 81.03               |                               |
|                     | 1599.5       | 444.3     | 10.12                |                             | 58.29              |                             | 75.63               |                               |
| -2°                 | 2368.1       | 657.8     | 6.61                 |                             | 54.42              | Y315M-6<br>JSL-11-6<br>90kW | 78.33               |                               |
|                     | 2131.2       | 592       | 8.5                  |                             | 60.9               |                             | 81.03               |                               |
|                     | 1698.1       | 471.7     | 10.48                |                             | 64.08              |                             | 75.63               |                               |
| 0°                  | 2536.2       | 704.5     | 6.67                 |                             | 58.82              |                             | 78.33               |                               |
|                     | 2300         | 638.9     | 8.35                 |                             | 66                 |                             | 81.03               |                               |
|                     | 1801.8       | 500.5     | 10.82                |                             | 70.21              |                             | 75.63               |                               |
| +2°                 | 2683.1       | 745.3     | 6.80                 |                             | 63.44              | Y315M-6<br>JSL-11-6<br>95kW | 78.33               |                               |
|                     | 2430         | 675       | 8.7                  |                             | 70.64              |                             | 81.5                |                               |
|                     | 2212.2       | 614.5     | 10.02                |                             | 74.5               |                             | 81.03               |                               |
| +4°                 | 2826.4       | 785.1     | 7.04                 |                             | 69.18              |                             | 78.33               |                               |
|                     | 2556         | 710       | 9                    |                             | 76.87              |                             | 81.5                |                               |
|                     | 2170.8       | 603       | 11.06                |                             | 83.48              |                             | 75.63               |                               |

500ZLB-85 工作性能表 500ZLB-85 CHARACTERISTIC DATA

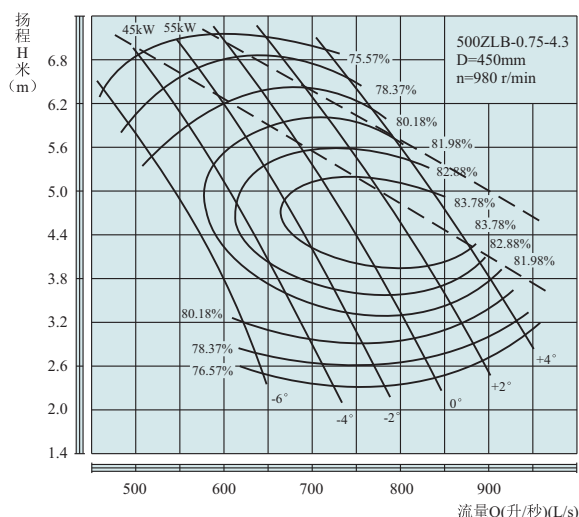
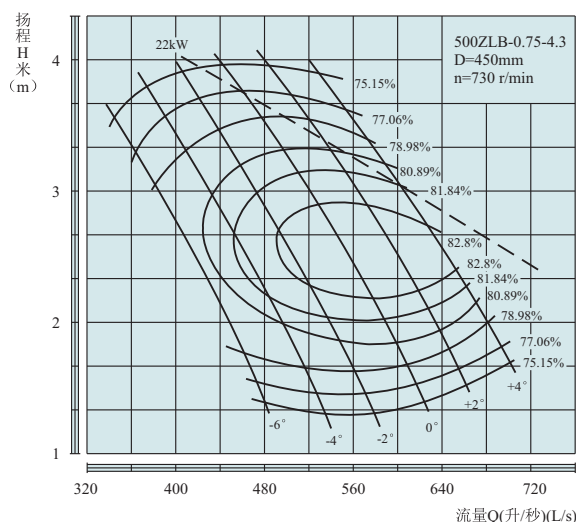
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 1436         | 399       | 7.35                 | 980                         | 38.8               | Y280M-6<br>55kW<br>(B5)   | 74                  | 450                           |
|                     | 2034         | 565       | 4.36                 |                             | 29.1               |                           | 83                  |                               |
|                     | 2224         | 618       | 2.87                 |                             | 22.7               |                           | 74                  |                               |
| -2°                 | 1573         | 437       | 7.8                  |                             | 45.1               |                           | 74                  |                               |
|                     | 2199         | 611       | 5.34                 |                             | 37.6               |                           | 85                  |                               |
|                     | 2577         | 716       | 2.77                 |                             | 26.2               |                           | 74                  |                               |
| 0°                  | 1731         | 481       | 8.17                 |                             | 52                 | Y315S-6<br>75kW<br>(V1)   | 74                  |                               |
|                     | 2512         | 698       | 5.24                 |                             | 42.17              |                           | 85                  |                               |
|                     | 2898         | 805       | 2.87                 |                             | 30.6               |                           | 74                  |                               |
| +2°                 | 1904         | 529       | 8.48                 |                             | 59.4               |                           | 74                  |                               |
|                     | 2743         | 762       | 5.44                 |                             | 47.8               |                           | 85                  |                               |
|                     | 3117         | 866       | 3.13                 |                             | 35.9               |                           | 74                  |                               |
| +4°                 | 2077         | 577       | 8.73                 |                             | 66.7               |                           | 74                  |                               |
|                     | 2930         | 814       | 5.81                 |                             | 54.5               |                           | 85                  |                               |
|                     | 3333         | 926       | 3.6                  |                             | 44.1               |                           | 74                  |                               |

**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**
**500ZLB-100 性能曲线图(低速)**
**500ZLB-100 CHARACTERISTIC CURVES(LOW SPEED)**

**500ZLB-100 性能曲线图(高速)**
**500ZLB-100 CHARACTERISTIC CURVES(HIGH SPEED)**

**500ZLB-100 工作性能表(低速) 500ZLB-100 CHARACTERISTIC DATA ( LOW SPEED )**

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)          |                           | 效率 η<br>Eff.<br>(%)       | 叶轮直径<br>Impeller Dia.<br>(mm) |      |
|---------------------|--------------|-----------|----------------------|-----------------------------|-------------------------|---------------------------|---------------------------|-------------------------------|------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power      | 配用电机及功率<br>Required Power |                           |                               |      |
| -4°                 | 936          | 260       | 2.80                 | 730                         | 9.95                    | Y200L-8<br>(Bs)<br>15kW   | 71.8                      | 450                           |      |
|                     | 1242         | 345       | 1.80                 |                             | 7.43                    |                           | 82                        |                               |      |
|                     | 1368         | 380       | 1.50                 |                             | 7.10                    |                           | 79                        |                               |      |
| -2°                 | 1080         | 300       | 2.90                 |                             | 11.80                   |                           | Y225S-8<br>(Bs)<br>18.5kW |                               | 72.4 |
|                     | 1404         | 390       | 1.92                 |                             | 8.70                    |                           |                           |                               | 84   |
|                     | 1620         | 450       | 1.45                 |                             | 8.21                    |                           |                           |                               | 78   |
| 0°                  | 1287         | 357       | 2.85                 |                             | 13.40                   | Y225S-8<br>(Bs)<br>18.5kW |                           |                               | 74.4 |
|                     | 1548         | 430       | 2.00                 |                             | 10.00                   |                           |                           |                               | 86.0 |
|                     | 1678         | 466       | 1.60                 |                             | 9.15                    |                           |                           |                               | 80.0 |
| +2°                 | 1406         | 391       | 3.07                 |                             | 16.25                   |                           | Y225M-8<br>(Bs)<br>22kW   |                               | 72.4 |
|                     | 1635         | 459       | 2.31                 |                             | 12.53                   |                           |                           |                               | 82.7 |
|                     | 1750         | 486       | 1.94                 |                             | 11.26                   |                           |                           |                               | 82.0 |
| +4°                 | 1510         | 422       | 3.23                 | 18.60                       | Y225M-8<br>(Bs)<br>22kW | 71.8                      |                           |                               |      |
|                     | 1678         | 466       | 2.85                 | 16.46                       |                         | 79.2                      |                           |                               |      |
|                     | 1750         | 486       | 2.55                 | 15.25                       |                         | 79.6                      |                           |                               |      |

**500ZLB-100 工作性能表(高速) 500ZLB-100 CHARACTERISTIC DATA ( HIGH SPEED )**

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 1220         | 339       | 5.08                 | 980                         | 23.3               | Y225M-6<br>(Bs)<br>30kW   | 72.4                | 450                           |
|                     | 1543         | 429       | 3.79                 |                             | 19.2               |                           | 83.0                |                               |
|                     | 1890         | 525       | 1.80                 |                             | 13.2               |                           | 71.3                |                               |
| -2°                 | 1481         | 412       | 5.00                 |                             | 27.0               | Y225M-6<br>(Bs)<br>30kW   | 75.0                |                               |
|                     | 1726         | 479       | 3.98                 |                             | 22.1               |                           | 84.6                |                               |
|                     | 2013         | 560       | 2.50                 |                             | 17.5               |                           | 78.0                |                               |
| 0°                  | 1800         | 500       | 4.80                 |                             | 30.0               | Y225M-6<br>(Bs)<br>37kW   | 78.0                |                               |
|                     | 2077         | 577       | 3.60                 |                             | 24.0               |                           | 86.0                |                               |
|                     | 2245         | 625       | 2.75                 |                             | 21.0               |                           | 80.0                |                               |
| +2°                 | 1965         | 546       | 5.36                 |                             | 37.5               | Y280S-6<br>(Bs)<br>45kW   | 76.2                |                               |
|                     | 2220         | 616       | 4.15                 |                             | 30.3               |                           | 82.7                |                               |
|                     | 2372         | 660       | 3.05                 |                             | 24.6               |                           | 80.0                |                               |
| +4°                 | 2005         | 557       | 5.93                 |                             | 45.5               | Y280M-6<br>(Bs)<br>55kW   | 71.2                |                               |
|                     | 2250         | 625       | 5.14                 |                             | 39.8               |                           | 79.2                |                               |
|                     | 2342         | 652       | 4.59                 |                             | 36.9               |                           | 79.5                |                               |

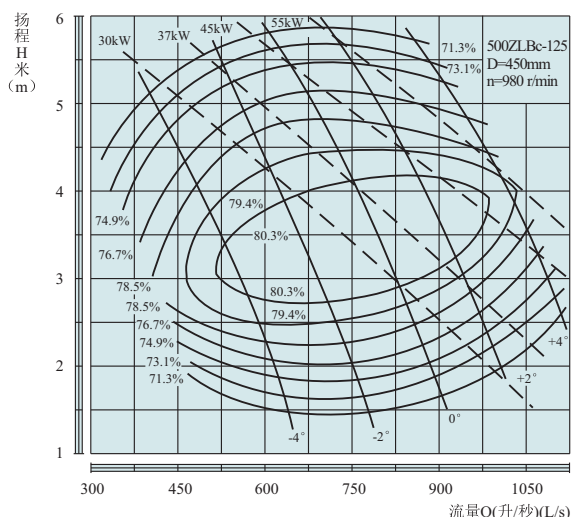
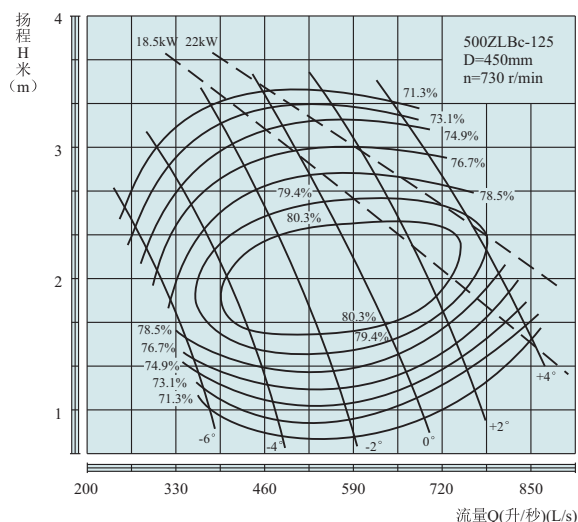
**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**
**500ZLB-0.75-4.3 性能曲线图（高速）**
**500ZLB-0.75-4.3 CHARACTERISTIC CURVES(HIGH SPEED)**

**500ZLB-0.75-4.3 性能曲线图（低速）**
**500ZLB-0.75-4.3 CHARACTERISTIC CURVES(LOW SPEED)**

**500ZLB-0.75-4.3 工作性能表（高速） 500ZLB-0.75-4.3 CHARACTERISTIC DATA ( HIGH SPEED )**

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 1765.5       | 490.42    | 5.96                 | 980                         | 36.56              | Y280S-6<br>(Bs)<br>45kW   | 78.37               | 450                           |
|                     | 2052.9       | 570.26    | 4.14                 |                             | 28.23              |                           | 81.98               |                               |
|                     | 2283.3       | 634.25    | 2.56                 |                             | 20.78              |                           | 76.57               |                               |
| -4°                 | 1798.4       | 499.55    | 6.91                 |                             | 44.20              | Y280M-6<br>(Bs)<br>55kW   | 76.57               |                               |
|                     | 2299.3       | 638.69    | 4.21                 |                             | 31.84              |                           | 82.97               |                               |
|                     | 2541.5       | 705.98    | 2.67                 |                             | 23.58              |                           | 78.37               |                               |
| -2°                 | 2040.6       | 566.84    | 6.70                 |                             | 47.51              |                           | 78.37               |                               |
|                     | 2504.6       | 695.72    | 4.32                 |                             | 35.28              |                           | 83.51               |                               |
|                     | 2800.2       | 777.83    | 2.35                 |                             | 23.40              |                           | 76.57               |                               |
| 0°                  | 2311.6       | 642.11    | 6.41                 |                             | 50.33              |                           | 80.17               |                               |
|                     | 2708.8       | 752.44    | 4.34                 |                             | 38.09              |                           | 84.05               |                               |
|                     | 2980.9       | 828.02    | 2.72                 |                             | 28.17              |                           | 78.37               |                               |
| +2°                 | 2570.2       | 713.95    | 6.08                 |                             | 51.91              |                           | 81.98               |                               |
|                     | 2874.1       | 798.36    | 4.58                 |                             | 42.33              |                           | 84.68               |                               |
|                     | 3169.7       | 880.48    | 2.98                 |                             | 32.82              |                           | 78.37               |                               |
| +4°                 | 2997.3       | 832.58    | 5.04                 |                             | 49.10              |                           | 83.78               |                               |
|                     | 3079.4       | 855.39    | 4.57                 |                             | 46.65              |                           | 86.96               |                               |
|                     | 3342.2       | 928.38    | 3.28                 |                             | 38.10              |                           | 78.37               |                               |

**500ZLB-0.75-4.3 工作性能表（低速） 500ZLB-0.75-4.3 CHARACTERISTIC DATA ( LOW SPEED )**

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 1250.9       | 347.47    | 3.56                 | 730                         | 16.14              | Y225M-8<br>(Bs)<br>22kW   | 75.15               | 450                           |
|                     | 1529.2       | 424.78    | 2.30                 |                             | 11.84              |                           | 80.89               |                               |
|                     | 1694.4       | 470.66    | 1.58                 |                             | 8.88               |                           | 75.15               |                               |
| -4°                 | 1339.6       | 372.11    | 3.83                 |                             | 18.59              |                           | 75.16               |                               |
|                     | 1712.7       | 475.76    | 2.34                 |                             | 13.32              |                           | 81.94               |                               |
|                     | 1853.4       | 514.84    | 1.69                 |                             | 10.80              |                           | 78.98               |                               |
| -2°                 | 1590.4       | 441.78    | 3.47                 |                             | 19.03              | Y250M-8<br>(Bs)<br>30kW   | 78.98               |                               |
|                     | 1804.5       | 501.25    | 2.62                 |                             | 15.66              |                           | 82.22               |                               |
|                     | 2027.7       | 563.26    | 1.62                 |                             | 11.33              |                           | 78.98               |                               |
| 0°                  | 1590.4       | 441.78    | 3.99                 |                             | 23.00              |                           | 75.15               |                               |
|                     | 2018.6       | 560.72    | 2.41                 |                             | 15.95              |                           | 83.08               |                               |
|                     | 2183.7       | 606.59    | 1.67                 |                             | 12.57              |                           | 78.98               |                               |
| +2°                 | 1728.0       | 480.01    | 3.99                 |                             | 24.99              |                           | 75.15               |                               |
|                     | 2140.9       | 594.70    | 2.54                 |                             | 17.68              |                           | 83.75               |                               |
|                     | 2361.1       | 655.87    | 1.65                 |                             | 13.77              |                           | 75.15               |                               |
| +4°                 | 1988.0       | 552.22    | 3.62                 |                             | 25.43              |                           | 77.06               |                               |
|                     | 2293.8       | 637.18    | 2.54                 |                             | 19.12              |                           | 82.99               |                               |
|                     | 2517.1       | 699.20    | 1.71                 |                             | 15.60              |                           | 75.15               |                               |



**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**
**500ZLBc-125 性能曲线图(高速)**
**500ZLBc-125 CHARACTERISTIC CURVES(HIGH SPEED)**

**500ZLBc-125 性能曲线图(低速)**
**500ZLBc-125 CHARACTERISTIC CURVES(LOW SPEED)**

**500ZLBc-125 工作性能表 ( 高速 ) 500ZLBc-125 CHARACTERISTIC DATA ( HIGH SPEED )**

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 1620         | 450       | 4.55                 | 980                         | 26.5               | Y225M-6                   | 75                  | 450                           |
|                     | 1962         | 545       | 3.20                 |                             | 21.3               | (Bs)                      | 80.5                |                               |
|                     | 2196         | 610       | 2.00                 |                             | 16.0               | 30kW                      | 75                  |                               |
| -2°                 | 2070         | 575       | 4.75                 |                             | 34.4               | Y250M-6                   | 78                  |                               |
|                     | 2394         | 665       | 3.30                 |                             | 26.4               | (Bs)                      | 81.5                |                               |
|                     | 2700         | 750       | 1.90                 |                             | 18.6               | 37kW                      | 75                  |                               |
| 0°                  | 2484         | 690       | 4.80                 |                             | 41.4               | Y280S-6                   | 78.5                |                               |
|                     | 2844         | 790       | 3.50                 |                             | 32.9               | (Bs)                      | 82.5                |                               |
|                     | 3204         | 890       | 2.00                 |                             | 23.8               | 45kW                      | 73.5                |                               |
| +2°                 | 2808         | 780       | 5.10                 |                             | 51.0               | Y280M-6<br>(Bs)<br>55kW   | 76.5                |                               |
|                     | 3240         | 900       | 3.60                 |                             | 39.0               |                           | 82                  |                               |
|                     | 3410         | 975       | 2.50                 |                             | 31.9               |                           | 75                  |                               |
| +4°                 | 3636         | 1010      | 4.0                  | 51.2                        |                    | 79.5                      |                     |                               |
|                     | 3834         | 1065      | 3.6                  | 49.2                        |                    | 76.5                      |                     |                               |

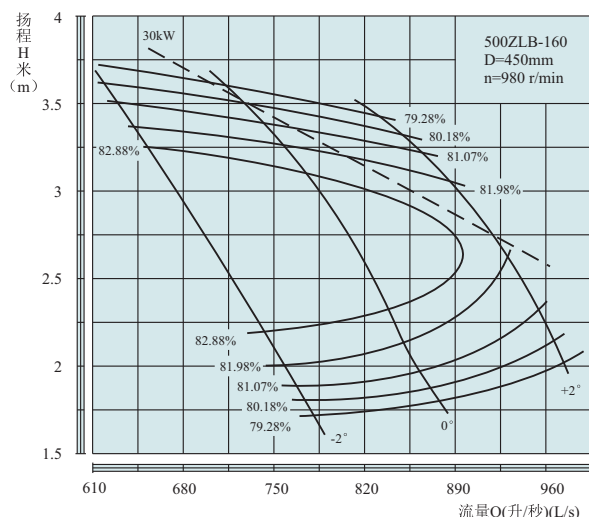
**500ZLBc-125 工作性能表 ( 低速 ) 500ZLBc-125 CHARACTERISTIC DATA ( LOW SPEED )**

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -2°                 | 1573         | 437       | 2.75                 | 730                         | 15.1               | Y225S-8                   | 78                  | 450                           |
|                     | 1822         | 506       | 1.90                 |                             | 11.6               | (Bs)                      | 81.5                |                               |
|                     | 2050         | 570       | 1.10                 |                             | 8.2                | 18.5kW                    | 75                  |                               |
| 0°                  | 1890         | 525       | 2.78                 |                             | 18.2               | Y225M-8<br>(Bs)<br>22kW   | 78.5                |                               |
|                     | 2160         | 600       | 2.02                 |                             | 14.5               |                           | 82.5                |                               |
|                     | 2434         | 676       | 1.16                 |                             | 10.5               |                           | 73.5                |                               |
| +2°                 | 2232         | 620       | 2.70                 |                             | 20.9               |                           | 78.5                |                               |
|                     | 2462         | 684       | 2.08                 |                             | 17.2               |                           | 82                  |                               |
|                     | 2668         | 741       | 1.45                 |                             | 14.0               |                           | 75                  |                               |

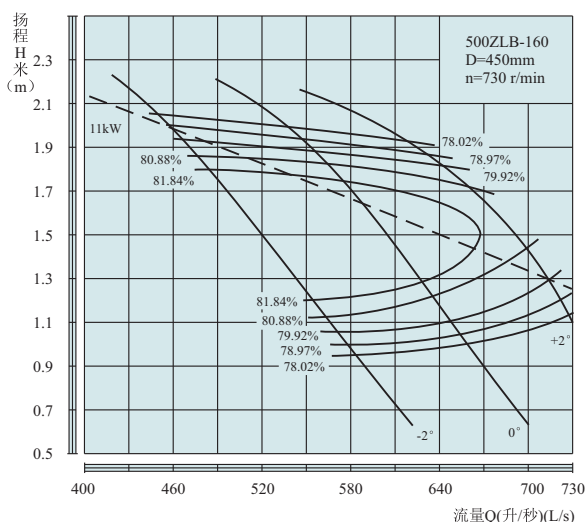


**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

500ZLB-160 性能曲线图 (高速)  
500ZLB-160 CHARACTERISTIC CURVES(HIGH SPEED)



500ZLB-160 性能曲线图 (低速)  
500ZLB-160 CHARACTERISTIC CURVES(LOW SPEED)



500ZLB-160 工作性能表 (高速) 500ZLB-160 CHARACTERISTIC DATA ( HIGH SPEED )

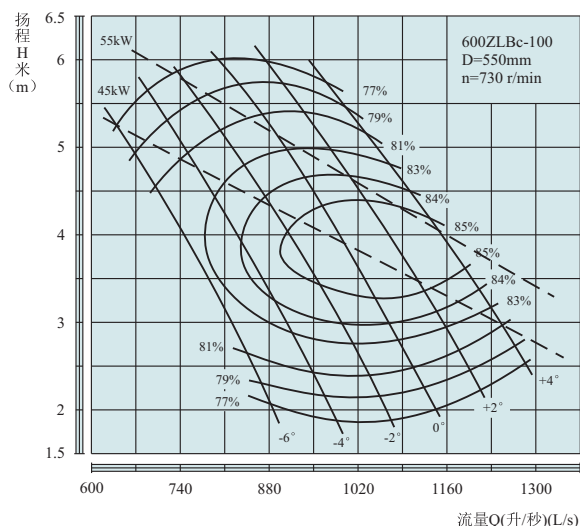
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -2°                 | 2192.4       | 609       | 3.72                 | 980                         | 28.0               | Y250M-6                   | 79.28               | 450                           |
|                     | 2545.2       | 707       | 2.56                 |                             | 21.1               | (B5)                      | 84.23               |                               |
|                     | 2804.4       | 779       | 1.71                 |                             | 16.5               | 37kW                      | 79.28               |                               |
| 0°                  | 2568.6       | 713.5     | 3.57                 |                             | 31.5               | Y280S-6<br>(B5)<br>45kW   | 79.28               |                               |
|                     | 2956.3       | 821.2     | 2.57                 |                             | 25.1               |                           | 84.23               |                               |
|                     | 3157.6       | 877.1     | 1.79                 |                             | 19.4               |                           | 79.28               |                               |
| +2°                 | 2989.1       | 830.3     | 3.41                 |                             | 35.0               |                           | 79.28               |                               |
|                     | 3194.3       | 887.3     | 3.02                 |                             | 32.0               |                           | 81.98               |                               |
|                     | 3473.6       | 964.9     | 2.13                 |                             | 25.1               |                           | 80.18               |                               |

500ZLB-160 工作性能表 (低速) 500ZLB-160 CHARACTERISTIC DATA ( LOW SPEED )

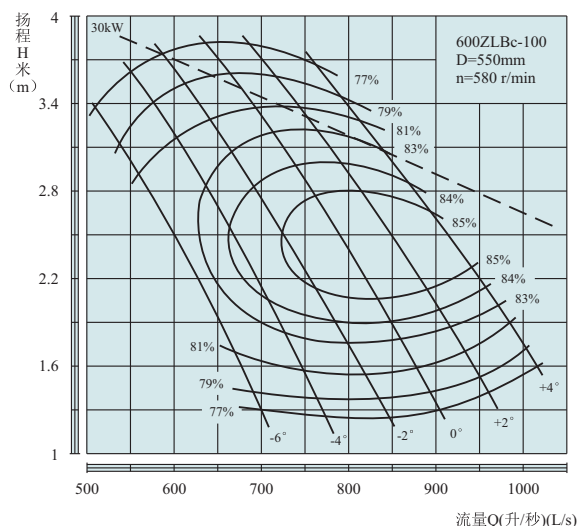
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -2°                 | 1633.3       | 453.7     | 2.06                 | 730                         | 11.7               | Y200L-8                   | 78.01               | 450                           |
|                     | 1896.1       | 526.7     | 1.42                 |                             | 8.8                | (B5)                      | 83.27               |                               |
|                     | 2040.1       | 566.7     | 1.06                 |                             | 7.4                | 15kW                      | 79.98               |                               |
| 0°                  | 1913.4       | 531.5     | 1.98                 |                             | 13.2               | Y225S-8<br>(B5)<br>18.5kW | 78.02               |                               |
|                     | 2202.1       | 611.7     | 1.43                 |                             | 10.4               |                           | 82.32               |                               |
|                     | 2321.6       | 644.9     | 1.03                 |                             | 8.3                |                           | 78.97               |                               |
| +2°                 | 2226.6       | 618.5     | 1.89                 |                             | 14.7               |                           | 78.01               |                               |
|                     | 2379.6       | 661.0     | 1.68                 |                             | 13.5               |                           | 80.89               |                               |
|                     | 2587.3       | 718.7     | 1.18                 |                             | 10.5               |                           | 78.97               |                               |

**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**

600ZLBc-100 性能曲线图(高速)  
600ZLBc-100 CHARACTERISTIC CURVES(HIGH SPEED)



600ZLBc-100 性能曲线图(低速)  
600ZLBc-100 CHARACTERISTIC CURVES(LOW SPEED)



600ZLBc-100 工作性能表 ( 高速 ) 600ZLBc-100 CHARACTERISTIC DATA ( HIGH SPEED )

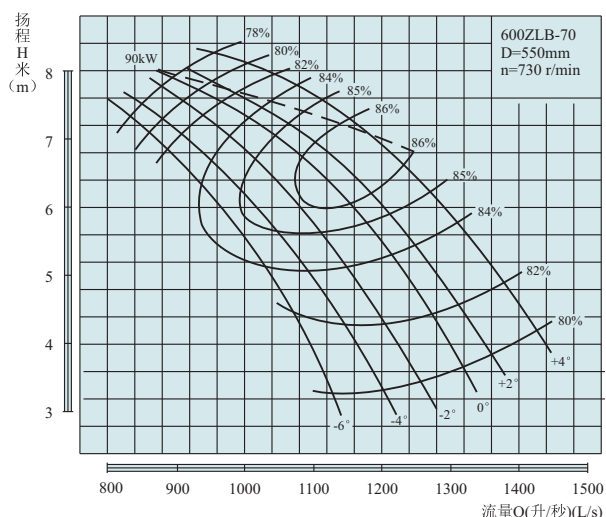
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)          |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|-------------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power      | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 2556         | 710       | 4.45                 | 730                         | 38.2                    | Y280M-8<br>(B5)<br>45kW   | 81                  | 550                           |
|                     | 2808         | 780       | 3.49                 |                             | 32.7                    |                           | 81.6                |                               |
|                     | 3132         | 870       | 2.43                 |                             | 26.2                    |                           | 79                  |                               |
| -4°                 | 3024         | 840       | 4.0                  |                             | 39.2                    | Y280M-8<br>(B5)<br>55kW   | 84                  |                               |
|                     | 3132         | 870       | 3.54                 |                             | 35.8                    |                           | 84.4                |                               |
|                     | 3348         | 930       | 2.66                 |                             | 29.9                    |                           | 81                  |                               |
| -2°                 | 3132         | 870       | 4.45                 |                             | 45.2                    | Y280M-8<br>(B5)<br>55kW   | 84                  |                               |
|                     | 3420         | 950       | 3.49                 |                             | 38.2                    |                           | 85                  |                               |
|                     | 3672         | 1020      | 2.52                 |                             | 31.1                    |                           | 81                  |                               |
| 0°                  | 3348         | 930       | 4.47                 |                             | 47.9                    | Y280M-8<br>(B5)<br>55kW   | 85                  |                               |
|                     | 3672         | 1020      | 3.59                 |                             | 42.2                    |                           | 85                  |                               |
|                     | 3852         | 1070      | 2.95                 |                             | 37.3                    |                           | 83                  |                               |
| +2°                 | 4104         | 1140      | 3.37                 | 44.3                        | Y280M-8<br>(B5)<br>55kW | 85                        |                     |                               |
|                     | 4176         | 1160      | 2.9                  | 39.7                        |                         | 83                        |                     |                               |
| +4°                 | 4176         | 1160      | 3.79                 | 50.7                        | Y280M-8<br>(B5)<br>55kW | 85                        |                     |                               |
|                     | 4284         | 1190      | 3.41                 | 47.4                        |                         | 84                        |                     |                               |

600ZLBc-100 工作性能表 ( 低速 ) 600ZLBc-100 CHARACTERISTIC DATA ( LOW SPEED )

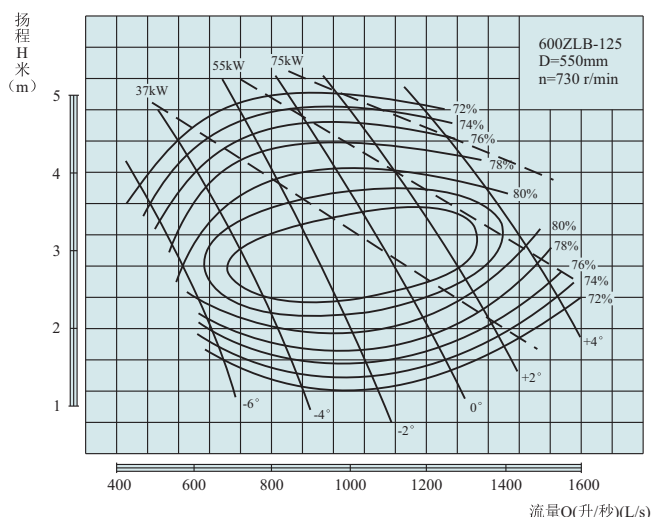
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 2016         | 560       | 2.88                 | 580                         | 19.5               | Y280S-10<br>30kW          | 81                  | 550                           |
|                     | 2484         | 690       | 1.43                 |                             | 12.2               |                           | 79                  |                               |
| -4°                 | 2182         | 606       | 3.15                 |                             | 23.1               |                           | 81                  |                               |
|                     | 2412         | 670       | 2.50                 |                             | 19.5               |                           | 84                  |                               |
|                     | 2707         | 752       | 1.54                 |                             | 14                 |                           | 81                  |                               |
| -2°                 | 2311         | 642       | 3.26                 |                             | 25.3               | Y315S-10<br>45kW          | 81                  |                               |
|                     | 2585         | 718       | 2.53                 |                             | 21.0               |                           | 85                  |                               |
|                     | 2851         | 792       | 1.75                 |                             | 16.6               |                           | 82                  |                               |
|                     | 2498         | 694       | 3.36                 |                             | 28.2               |                           | 81                  |                               |
| 0°                  | 2880         | 800       | 2.36                 |                             | 21.8               |                           | 85                  |                               |
|                     | 3161         | 878       | 1.60                 |                             | 17                 |                           | 81                  |                               |
| +2°                 | 2761         | 767       | 3.2                  |                             | 29.3               |                           | 82                  |                               |
|                     | 3096         | 860       | 2.36                 |                             | 23.4               |                           | 85                  |                               |
|                     | 3287         | 913       | 1.60                 |                             | 20.3               |                           | 82                  |                               |
| +4°                 | 2952         | 820       | 3.25                 |                             | 32.3               |                           | 81                  |                               |
|                     | 3240         | 900       | 2.60                 |                             | 27.0               |                           | 85                  |                               |
|                     | 3492         | 970       | 2.0                  |                             | 23.3               |                           | 82                  |                               |

**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

600ZLB-70 性能曲线图  
600ZLB-70 CHARACTERISTIC CURVES



600ZLB-125 性能曲线图  
600ZLB-125 CHARACTERISTIC CURVES

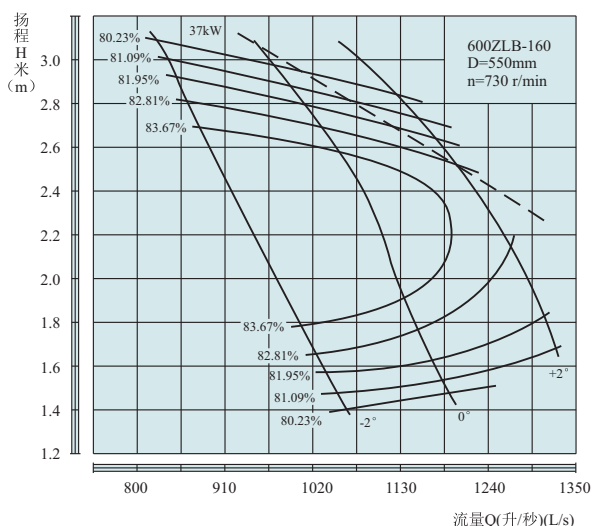
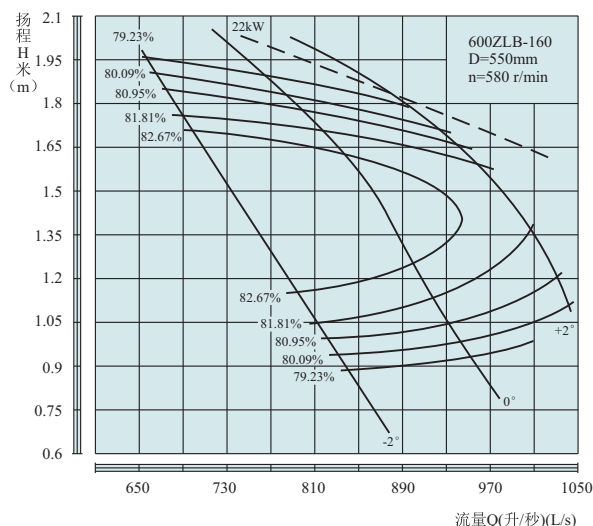


600ZLB-70 工作性能表 600ZLB-70 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 2987.5       | 829.86    | 7.26                 | 730                         | 75.7               | Y315L1-8<br>90kW          | 78                  | 550                           |
|                     | 3528.0       | 980.00    | 5.62                 |                             | 64.3               |                           | 84                  |                               |
|                     | 4037.3       | 1121.47   | 3.24                 |                             | 44.5               |                           | 80                  |                               |
| -4°                 | 3065.7       | 851.57    | 7.46                 |                             | 79.8               |                           | 78                  |                               |
|                     | 3672.0       | 1020.00   | 5.90                 |                             | 69.4               |                           | 85                  |                               |
|                     | 4310.9       | 1197.48   | 3.32                 |                             | 48.7               |                           | 80                  |                               |
| -2°                 | 3138.3       | 871.74    | 7.63                 |                             | 83.6               | Y315L2-8<br>110kW         | 78                  |                               |
|                     | 3816.0       | 1060.00   | 6.18                 |                             | 75.5               |                           | 85                  |                               |
|                     | 4528.7       | 1257.97   | 3.44                 |                             | 53.0               |                           | 80                  |                               |
| 0°                  | 3222.0       | 895.00    | 7.84                 |                             | 88.2               |                           | 78                  |                               |
|                     | 4032.0       | 1120.00   | 6.35                 |                             | 81.0               |                           | 86                  |                               |
|                     | 4740.9       | 1316.91   | 3.63                 |                             | 58.6               |                           | 80                  |                               |
| +2°                 | 3277.9       | 910.52    | 7.96                 |                             | 91.1               | Y315L2-8<br>110kW         | 78                  |                               |
|                     | 3744.0       | 1040.00   | 6.60                 |                             | 78.2               |                           | 86                  |                               |
|                     | 4902.8       | 1361.89   | 3.80                 |                             | 63.4               |                           | 80                  |                               |
| +4°                 | 3439.8       | 955.49    | 8.18                 |                             | 98.2               |                           | 78                  |                               |
|                     | 4302.0       | 1195.00   | 6.95                 |                             | 94.6               |                           | 86                  |                               |
|                     | 5165.2       | 1434.79   | 4.11                 |                             | 72.2               |                           | 80                  |                               |

600ZLB-125 工作性能表 600ZLB-125 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 1652.7       | 459.1     | 3.85                 | 730                         | 24.1               | Y280S-8<br>(B5)<br>37kW   | 72                  | 550                           |
|                     | 2102.4       | 584.0     | 2.65                 |                             | 19.0               |                           | 80                  |                               |
|                     | 2423.5       | 673.2     | 1.60                 |                             | 14.7               |                           | 72                  |                               |
| -4°                 | 2010.2       | 558.4     | 4.45                 |                             | 33.8               | Y280M-8<br>(B5)<br>55kW   | 72                  |                               |
|                     | 2707.2       | 752.0     | 2.65                 |                             | 23.8               |                           | 82                  |                               |
|                     | 3182.8       | 884.1     | 1.23                 |                             | 14.8               |                           | 72                  |                               |
| -2°                 | 2546.3       | 707.3     | 4.94                 |                             | 47.6               | Y315M-8<br>75kW           | 72                  |                               |
|                     | 3312.0       | 920.0     | 2.95                 |                             | 32.4               |                           | 82                  |                               |
|                     | 3864.2       | 1073.4    | 1.28                 |                             | 18.7               |                           | 72                  |                               |
| 0°                  | 3048.8       | 846.9     | 5.07                 |                             | 58.4               | Y315M-8<br>75kW           | 72                  |                               |
|                     | 3888.0       | 1080.0    | 3.10                 |                             | 39.3               |                           | 83.54               |                               |
|                     | 4545.4       | 1262.6    | 1.49                 |                             | 25.6               |                           | 72                  |                               |
| +2°                 | 3540.2       | 983.4     | 5.80                 |                             | 68.0               | Y315L1-8<br>90kW          | 72                  |                               |
|                     | 4435.2       | 1232.0    | 3.20                 |                             | 47.1               |                           | 82                  |                               |
|                     | 5047.9       | 1402.2    | 1.75                 |                             | 33.4               |                           | 72                  |                               |
| +4°                 | 4277.5       | 1188.2    | 4.94                 |                             | 79.9               | Y315L1-8<br>90kW          | 72                  |                               |
|                     | 5040.0       | 1400.0    | 3.50                 |                             | 59.3               |                           | 81                  |                               |
|                     | 5572.8       | 1548.0    | 2.26                 |                             | 47.6               |                           | 72                  |                               |

**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**
**600ZLB-160 性能曲线图(高速)**
**600ZLB-160 CHARACTERISTIC CURVES(HIGH SPEED)**

**600ZLB-160 性能曲线图(低速)**
**600ZLB-160 CHARACTERISTIC CURVES(LOW SPEED)**

**600ZLB-160 工作性能表 ( 高速 ) 600ZLB-160 CHARACTERISTIC DATA ( HIGH SPEED )**

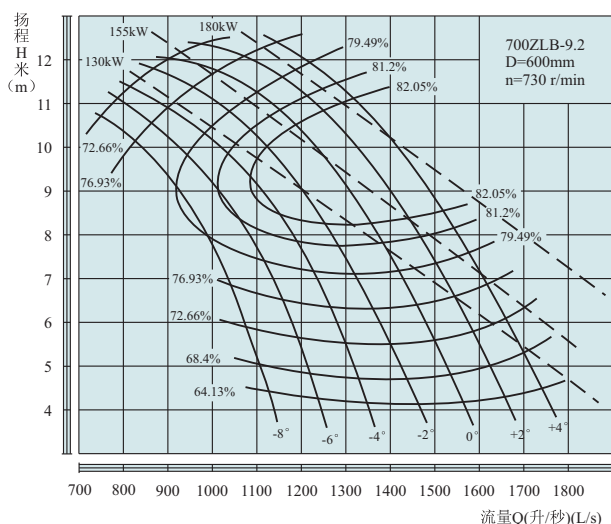
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -2°                 | 2980.8       | 828       | 3.08                 | 730                         | 31.2               | Y280S-8<br>(Bs)<br>37kW   | 80.23               | 550                           |
|                     | 3463.2       | 962       | 2.12                 |                             | 23.5               |                           | 84.96               |                               |
|                     | 3813.8       | 1059.4    | 1.42                 |                             | 18.4               |                           | 80.23               |                               |
| 0°                  | 3493.4       | 970.4     | 2.96                 |                             | 35.1               | Y280M-8<br>(Bs)<br>45kW   | 80.23               |                               |
|                     | 4168.8       | 1158      | 1.77                 |                             | 24.2               |                           | 82.81               |                               |
|                     | 4294.8       | 1193      | 1.48                 |                             | 21.6               |                           | 80.23               |                               |
| +2°                 | 4065.1       | 1129.2    | 2.83                 |                             | 39.1               |                           | 80.23               |                               |
|                     | 4345.2       | 1207      | 2.51                 |                             | 35.9               |                           | 82.81               |                               |
|                     | 4728.3       | 1312.3    | 1.76                 |                             | 27.9               |                           | 81.09               |                               |

**600ZLB-160 工作性能表 ( 低速 ) 600ZLB-160 CHARACTERISTIC DATA ( LOW SPEED )**

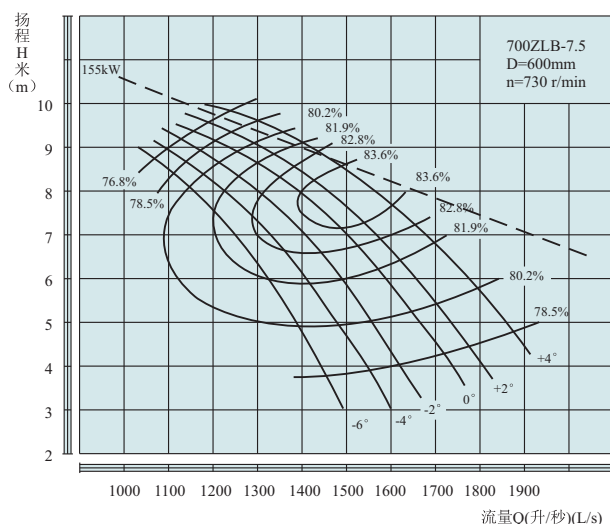
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -2°                 | 2368.8       | 658       | 1.95                 | 580                         | 15.9               | Y250M-10<br>22kW          | 79.23               | 550                           |
|                     | 2750.4       | 764       | 1.34                 |                             | 12.0               |                           | 83.96               |                               |
|                     | 2926.8       | 813       | 1.05                 |                             | 10.3               |                           | 81.81               |                               |
| 0°                  | 2775.6       | 771       | 1.87                 |                             | 17.84              |                           | 79.23               |                               |
|                     | 3261.6       | 906       | 1.35                 |                             | 14.43              |                           | 83.1                |                               |
|                     | 3355.2       | 932       | 1.04                 |                             | 11.74              |                           | 80.95               |                               |
| +2°                 | 3229.2       | 897       | 1.79                 |                             | 19.9               |                           | 79.23               |                               |
|                     | 3452.4       | 959       | 1.58                 |                             | 18.2               |                           | 81.81               |                               |
|                     | 3754.8       | 1043      | 1.12                 |                             | 14.2               |                           | 80.09               |                               |

**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

700ZLB-9.2 性能曲线图  
700ZLB-9.2 CHARACTERISTIC CURVES



700ZLB-7.5 性能曲线图  
700ZLB-7.5 CHARACTERISTIC CURVES



700ZLB-9.2 工作性能表 700ZLB-9.2 CHARACTERISTIC DATA

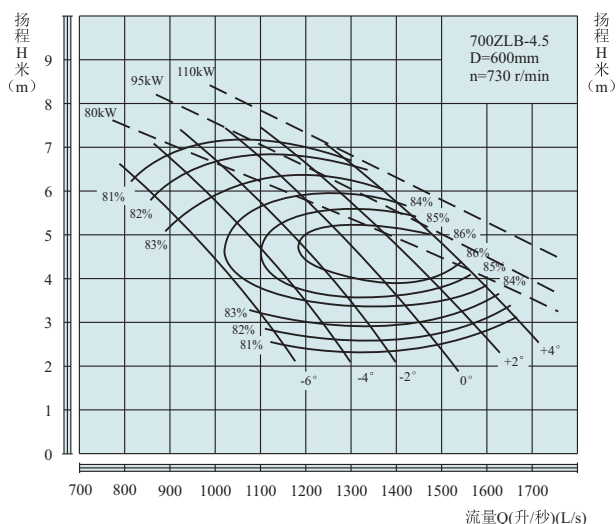
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -8°                 | 3980         | 1105.57   | 5.07                 | 730                         | 80.34              | JSL-12-8<br>130kW         | 68.4                | 600                           |
|                     | 3427.2       | 952       | 8.5                  |                             | 100                |                           | 79                  |                               |
|                     | 2704.1       | 751.14    | 10.68                |                             | 108.24             |                           | 72.66               |                               |
| -6°                 | 4134.78      | 1148.55   | 4.24                 |                             | 80.93              | JSL-12-8<br>130kW         | 64.13               |                               |
|                     | 4010.4       | 1032      | 8.75                 |                             | 108.63             |                           | 81.5                |                               |
|                     | 3893         | 785.38    | 11.07                |                             | 117.31             |                           | 72.66               |                               |
| -4°                 | 4697.78      | 1304.94   | 5.6                  |                             | 98.6               | JSL-12-8<br>155kW         | 72.66               |                               |
|                     | 4010.4       | 1114      | 9                    |                             | 119.72             |                           | 82.1                |                               |
|                     | 3893         | 1081.41   | 9.39                 |                             | 121.32             |                           | 82                  |                               |
| -2°                 | 5112         | 1420      | 5.25                 |                             | 104.41             | JSL-12-8<br>155kW         | 70                  |                               |
|                     | 4334.4       | 1204      | 9                    |                             | 128.78             |                           | 82.5                |                               |
|                     | 3102.84      | 861.9     | 11.7                 |                             | 136.07             |                           | 72.66               |                               |
| 0°                  | 5190.77      | 1441.88   | 4.81                 |                             | 105.98             | JSL-12-8<br>155kW         | 72.66               |                               |
|                     | 4654.26      | 1292.85   | 9.24                 |                             | 142                |                           | 82.1                |                               |
|                     | 3436.34      | 954.54    | 11.32                |                             | 137.7              |                           | 76.93               |                               |
| +2°                 | 5738.11      | 1593.92   | 5.85                 |                             | 125.81             | JSL-13-8<br>180kW         | 72.66               |                               |
|                     | 4896         | 1360      | 9.5                  |                             | 152.61             |                           | 83                  |                               |
|                     | 3878.57      | 1077.38   | 12.05                |                             | 165.45             |                           | 76.93               |                               |
| +4°                 | 6017.22      | 1671.45   | 6.14                 |                             | 138.47             | JSL-13-8<br>180kW         | 72.66               |                               |
|                     | 5162.4       | 1434      | 9.75                 |                             | 165.15             |                           | 83                  |                               |
|                     | 4747.85      | 1319.03   | 11.07                |                             | 174.5              |                           | 82                  |                               |

700ZLB-7.5 工作性能表 700ZLB-7.5 CHARACTERISTIC DATA

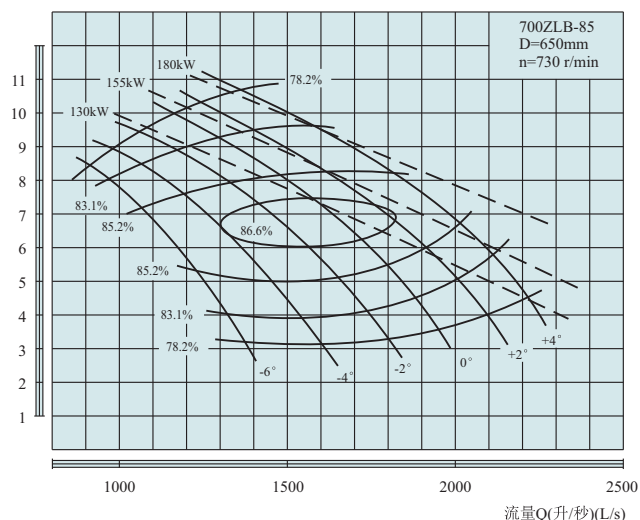
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 4032         | 1120      | 8.3                  | 730                         | 115.4              | JSL-12-8<br>155kW         | 79                  | 600                           |
|                     | 4518         | 1255      | 7                    |                             | 105                |                           | 82                  |                               |
|                     | 4842         | 1345      | 5.8                  |                             | 94.4               |                           | 81                  |                               |
| -4°                 | 4205         | 1168      | 8.4                  |                             | 119.9              |                           | 80.2                |                               |
|                     | 4734         | 1315      | 7.15                 |                             | 111.1              |                           | 83                  |                               |
|                     | 5105         | 1418      | 5.9                  |                             | 100.15             |                           | 81.9                |                               |
| -2°                 | 4392         | 1220      | 8.6                  |                             | 127.8              | JSL-12-8<br>155kW         | 80.5                |                               |
|                     | 4896         | 1360      | 7.6                  |                             | 122.1              |                           | 83                  |                               |
|                     | 5400         | 1500      | 6                    |                             | 109                |                           | 81                  |                               |
| 0°                  | 4644         | 1290      | 8.7                  |                             | 135                | JSL-12-8<br>155kW         | 81.5                |                               |
|                     | 5220         | 1450      | 7.6                  |                             | 128.6              |                           | 84                  |                               |
|                     | 5688         | 1580      | 6.1                  |                             | 116                |                           | 81.5                |                               |
| +2°                 | 4824         | 1340      | 8.8                  |                             | 143.6              | JSL-13-8<br>180kW         | 80.5                |                               |
|                     | 5382         | 1495      | 7.7                  |                             | 134.4              |                           | 84                  |                               |
|                     | 5958         | 1655      | 6                    |                             | 120.2              |                           | 81                  |                               |
| +4°                 | 5004         | 1390      | 9.2                  |                             | 153                |                           | 81.9                |                               |
|                     | 5508         | 1530      | 8.5                  |                             | 151.8              |                           | 84                  |                               |
|                     | 6300         | 1750      | 6.2                  |                             | 131.3              |                           | 81                  |                               |

**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**

700ZLB-4.5 性能曲线图  
700ZLB-4.5 CHARACTERISTIC CURVES



700ZLB-85 性能曲线图  
700ZLB-85 CHARACTERISTIC CURVES



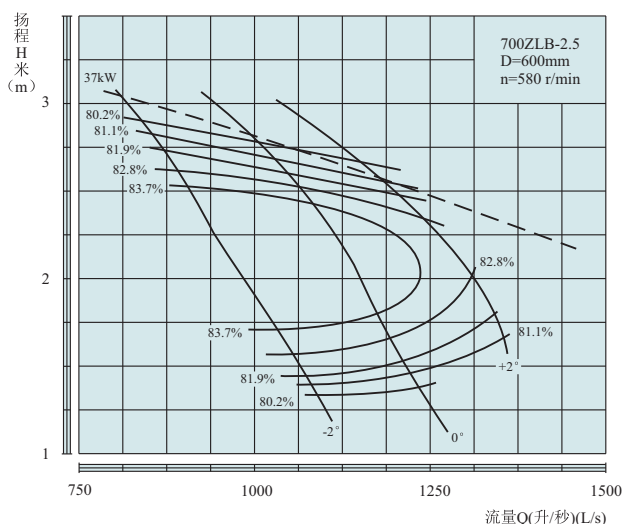
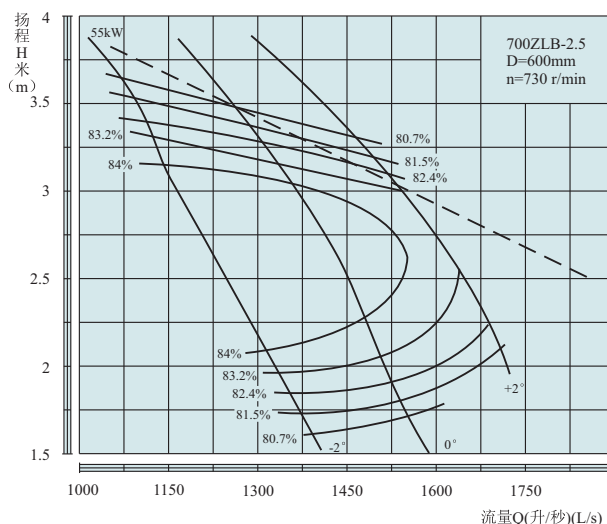
700ZLB-4.5 工作性能表 700ZLB-4.5 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 2973.6       | 826       | 6.29                 | 730                         | 62.9               | JSL-11-8                  | 81                  | 600                           |
|                     | 3276         | 910       | 5.37                 |                             | 57.7               | 80kW                      | 83                  |                               |
|                     | 4032         | 1120      | 2.82                 |                             | 37.7               |                           | 82                  |                               |
| -4°                 | 3538.8       | 983       | 5.88                 |                             | 68.2               | JSL-12-8                  | 83                  |                               |
|                     | 3870         | 1075      | 4.77                 |                             | 59.1               |                           | 85                  |                               |
|                     | 4392         | 1220      | 3.00                 |                             | 43.2               |                           | 83                  |                               |
| -2°                 | 3769.2       | 1047      | 6.13                 |                             | 75.8               | 95kW                      | 83                  |                               |
|                     | 4204.8       | 1168      | 4.87                 |                             | 64.8               |                           | 86                  |                               |
|                     | 4680         | 1300      | 3.34                 |                             | 50.7               |                           | 84                  |                               |
| 0°                  | 4075.2       | 1132      | 6.34                 |                             | 84.8               | JSL-12-8                  | 83                  |                               |
|                     | 4496.4       | 1249      | 5.17                 |                             | 73.6               |                           | 86                  |                               |
|                     | 5072.4       | 1409      | 3.35                 |                             | 55.1               |                           | 84                  |                               |
| +2°                 | 4377.6       | 1216      | 6.40                 |                             | 91.9               |                           | 83                  |                               |
|                     | 4827.6       | 1341      | 5.2                  |                             | 79.5               |                           | 86                  |                               |
|                     | 5421.6       | 1506      | 3.45                 |                             | 60.6               |                           | 84                  |                               |
| +4°                 | 4712         | 1309      | 6.44                 |                             | 100.8              | 110kW                     | 82                  |                               |
|                     | 5292         | 1470      | 5.00                 |                             | 83.8               |                           | 86                  |                               |
|                     | 5799.6       | 1611      | 3.55                 |                             | 67.5               |                           | 83                  |                               |

700ZLB-85 工作性能表 700ZLB-85 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 3308.4       | 919.0     | 8.42                 | 730                         | 96.97              | JSL-12-8                  | 78.2                | 650                           |
|                     | 3840.8       | 1066.9    | 7.18                 |                             | 88.11              |                           | 85.2                |                               |
|                     | 4938.1       | 1371.7    | 3.24                 |                             | 55.70              |                           | 78.2                |                               |
| -4°                 | 3534.1       | 981.7     | 8.97                 |                             | 110.35             | 130kW                     | 78.2                |                               |
|                     | 4760.6       | 1322.4    | 6.48                 |                             | 96.97              |                           | 86.6                |                               |
|                     | 5809.7       | 1613.8    | 3.19                 |                             | 64.54              |                           | 78.2                |                               |
| -2°                 | 3873.2       | 1075.9    | 9.47                 |                             | 127.69             | JSL-12-8                  | 78.2                |                               |
|                     | 5131.8       | 1425.5    | 7.28                 |                             | 117.44             |                           | 86.6                |                               |
|                     | 6408         | 1780.0    | 3.29                 |                             | 73.39              |                           | 78.2                |                               |
| 0°                  | 4244.4       | 1179.0    | 9.92                 |                             | 146.57             | 155kW                     | 78.2                |                               |
|                     | 5656.3       | 1571.2    | 7.47                 |                             | 132.82             |                           | 86.6                |                               |
|                     | 7036.2       | 1954.5    | 3.59                 |                             | 87.93              |                           | 78.2                |                               |
| +2°                 | 4518.7       | 1255.2    | 10.31                |                             | 162.18             | JSL-13-8                  | 78.2                |                               |
|                     | 6350.4       | 1764.0    | 7.28                 |                             | 145.32             |                           | 86.6                |                               |
|                     | 7536.6       | 2093.5    | 3.99                 |                             | 104.68             |                           | 78.2                |                               |
| +4°                 | 6778.1       | 1882.8    | 7.77                 |                             | 168.27             |                           | 85.2                |                               |
|                     | 7262.28      | 2017.3    | 6.68                 |                             | 155.00             |                           | 85.2                |                               |
|                     | 7972.2       | 2214.5    | 4.48                 |                             | 124.33             |                           | 78.2                |                               |

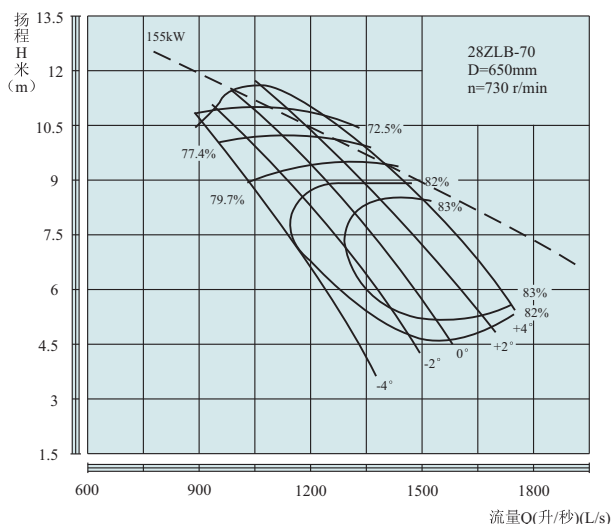
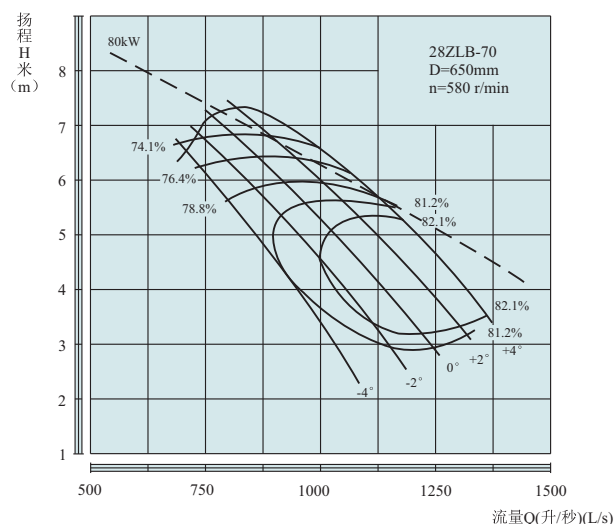


**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**
**700ZLB-2.5 性能曲线图（低速）**
**700ZLB-2.5 CHARACTERISTIC CURVES(LOW SPEED)**

**700ZLB-2.5 性能曲线图（高速）**
**700ZLB-2.5 CHARACTERISTIC CURVES(HIGH SPEED)**

**700ZLB-2.5 工作性能表（低速）**
**700ZLB-2.5 CHARACTERISTIC DATA ( LOW SPEED )**

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -2°                 | 3934.1       | 1092.8    | 1.33                 | 580                         | 17.74              | Y315S-10<br>(B5)<br>45kW  | 80.22               | 600                           |
|                     | 3571.2       | 992       | 1.99                 |                             | 23.04              |                           | 84.09               |                               |
|                     | 3075.8       | 854.4     | 2.89                 |                             | 30.2               |                           | 80.22               |                               |
| 0°                  | 4429.4       | 1230.4    | 1.39                 |                             | 20.93              |                           | 80.22               |                               |
|                     | 4147.2       | 1152      | 2.00                 |                             | 26.59              |                           | 84.95               |                               |
|                     | 3603.6       | 1001      | 2.76                 |                             | 33.96              |                           | 80.22               |                               |
| +2°                 | 4873.0       | 1353.6    | 1.66                 |                             | 27.1               |                           | 81.08               |                               |
|                     | 4481.3       | 1244.8    | 2.35                 |                             | 34.67              |                           | 82.8                |                               |
|                     | 4193.3       | 1164.8    | 2.66                 |                             | 37.81              |                           | 80.22               |                               |

**700ZLB-2.5 工作性能表（高速）**
**700ZLB-2.5 CHARACTERISTIC DATA ( HIGH SPEED )**

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -2°                 | 4930.9       | 1359.7    | 1.76                 | 730                         | 28.82              | Y315S-8<br>(B5)<br>55kW   | 81.51               | 600                           |
|                     | 4495.0       | 1248.6    | 2.5                  |                             | 36.34              |                           | 84.45               |                               |
|                     | 3871.4       | 1125.7    | 3.32                 |                             | 44.04              |                           | 83.2                |                               |
| 0°                  | 5546.2       | 1540.6    | 1.82                 |                             | 33.74              | JSL-11-8<br>70kW          | 81.57               |                               |
|                     | 5219.6       | 1449.9    | 2.52                 |                             | 41.95              |                           | 85.39               |                               |
|                     | 4535.3       | 1259.8    | 3.49                 |                             | 53.50              |                           | 80.67               |                               |
| +2°                 | 6133.3       | 1703.7    | 2.08                 |                             | 42.7               |                           | 81.51               |                               |
|                     | 5640.1       | 1566.7    | 2.98                 |                             | 55.04              |                           | 83.19               |                               |
|                     | 5401         | 1500      | 3.24                 |                             | 57.82              |                           | 82.4                |                               |

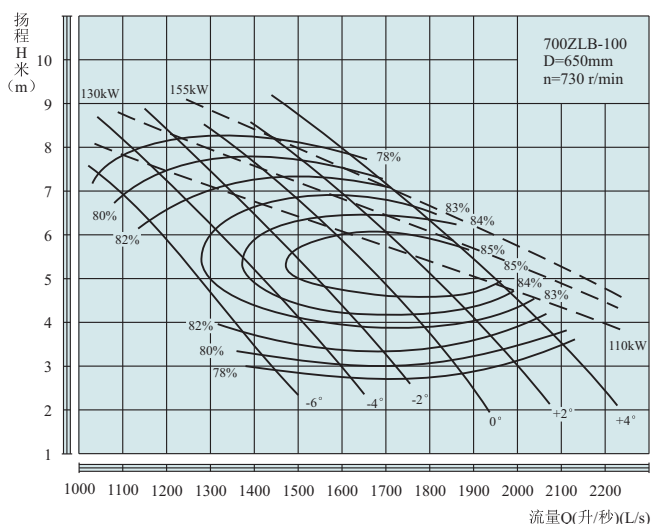
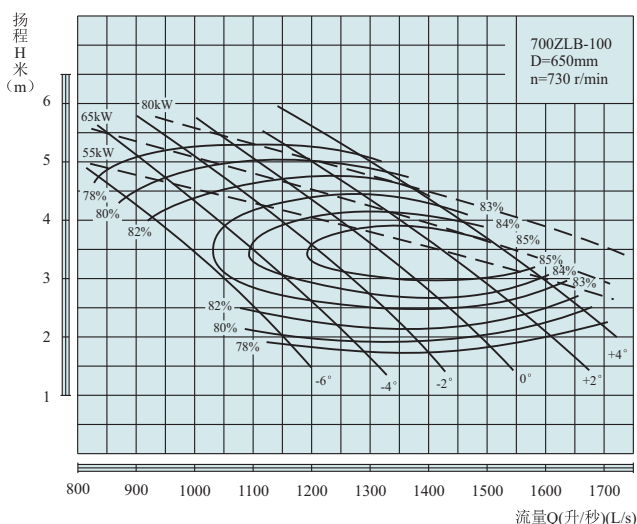
**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**
**28ZLB-70 性能曲线图 ( 高速 )**
**28ZLB-70 CHARACTERISTIC CURVES(HIGH SPEED)**

**28ZLB-70 性能曲线图 ( 低速 )**
**28ZLB-70 CHARACTERISTIC CURVES(LOW SPEED)**

**28ZLB-70 工作性能表 ( 高速 ) 28ZLB-70 CHARACTERISTIC DATA ( HIGH SPEED )**

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|--------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                    |                               |
| -4°                 | 3060         | 850       | 10.9                 | 730                         | 124                | JSL-12-8<br>155kW         | 73.2               | 650                           |
|                     | 3940         | 1094      | 8.11                 |                             | 116                |                           | 81.7               |                               |
|                     | 4572         | 1270      | 5.04                 |                             | 78.2               |                           | 80.7               |                               |
| -2°                 | 3520         | 977       | 10.6                 |                             | 131.5              |                           | 77.1               |                               |
|                     | 4500         | 1250      | 7.46                 |                             | 110.5              |                           | 82.7               |                               |
|                     | 5040         | 1400      | 5.68                 |                             | 102                |                           | 76.2               |                               |
| 0°                  | 4430         | 1230      | 8.72                 |                             | 129                |                           | 81.2               |                               |
|                     | 4860         | 1350      | 7.3                  |                             | 115                |                           | 83.1               |                               |
|                     | 5580         | 1550      | 4.53                 |                             | 86.8               |                           | 79.4               |                               |
| +2°                 | 5110         | 1420      | 8.11                 |                             | 136                |                           | 83.5               |                               |
|                     | 5710         | 1585      | 6.39                 |                             | 118                |                           | 83.8               |                               |
|                     | 5960         | 1657      | 5.41                 |                             | 105                |                           | 83.5               |                               |
| +4°                 | 5870         | 1630      | 7.25                 |                             | 137                |                           | 84.8               |                               |
|                     | 6280         | 1744      | 5.8                  |                             | 108                |                           | 84.3               |                               |

**28ZLB-70 工作性能表 ( 低速 ) 28ZLB-70 CHARACTERISTIC DATA ( LOW SPEED )**

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|--------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                    |                               |
| -4°                 | 2430         | 675       | 6.9                  | 580                         | 63.5               | JSL-12-10<br>80kW         | 72                 | 650                           |
|                     | 3125         | 869       | 5.12                 |                             | 54                 |                           | 80.9               |                               |
|                     | 3640         | 1013      | 3.18                 |                             | 39.6               |                           | 79.8               |                               |
| -2°                 | 2795         | 776       | 6.7                  |                             | 67                 |                           | 76.1               |                               |
|                     | 3570         | 993       | 4.7                  |                             | 56.4               |                           | 81.3               |                               |
|                     | 4000         | 1110      | 3.58                 |                             | 51.8               |                           | 75.2               |                               |
| 0°                  | 3520         | 976       | 5.5                  |                             | 65.6               |                           | 80.3               |                               |
|                     | 3830         | 1064      | 4.6                  |                             | 58.3               |                           | 82.4               |                               |
|                     | 4440         | 1235      | 2.86                 |                             | 44.2               |                           | 78.4               |                               |
| +2°                 | 4100         | 1130      | 5.12                 |                             | 68.6               |                           | 82.7               |                               |
|                     | 4540         | 1260      | 4.02                 |                             | 60                 |                           | 83.1               |                               |
|                     | 4740         | 1316      | 3.41                 |                             | 53.4               |                           | 82.7               |                               |
| +4°                 | 4660         | 1296      | 4.55                 |                             | 69                 |                           | 84.1               |                               |
|                     | 5000         | 1389      | 3.65                 |                             | 59.6               |                           | 83.6               |                               |

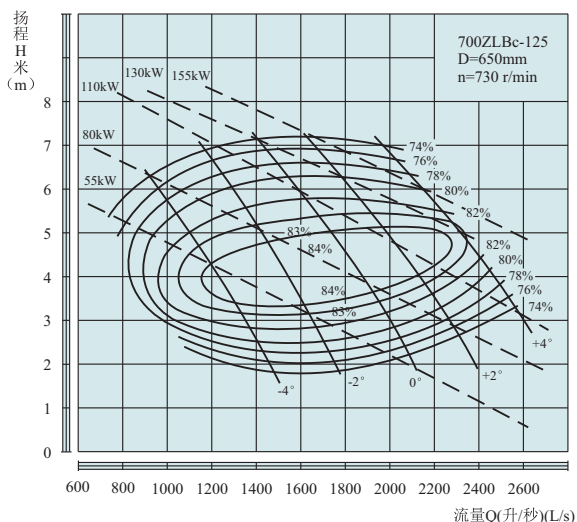
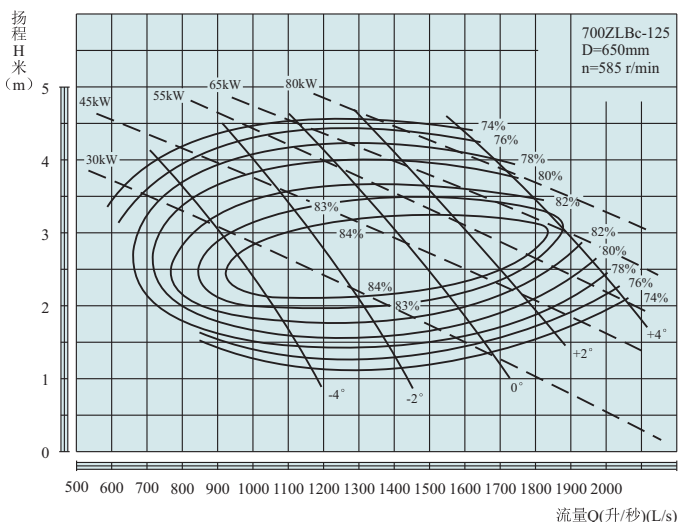


**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**
**700ZLB-100 性能曲线图（高速）**
**700ZLB-100 CHARACTERISTIC CURVES(HIGH SPEED)**

**700ZLB-100 性能曲线图（低速）**
**700ZLB-100 CHARACTERISTIC CURVES(LOW SPEED)**

**700ZLB-100 工作性能表（高速） 700ZLB-100 CHARACTERISTIC DATA ( HIGH SPEED )**

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 3769.8       | 1047.18   | 7.42                 | 730                         | 97.7               | JSL-12-8<br>110kW         | 78                  | 650                           |
|                     | 4608.6       | 1280.18   | 4.99                 |                             | 76.4               |                           | 82                  |                               |
|                     | 5198.5       | 1444.04   | 2.95                 |                             | 53.5               |                           | 78                  |                               |
| -4°                 | 4037.1       | 1121.43   | 7.99                 |                             | 112.6              | JSL-12-8<br>130kW         | 78                  |                               |
|                     | 5161.7       | 1443.80   | 4.90                 |                             | 82.0               |                           | 84                  |                               |
|                     | 5705.5       | 1584.86   | 3.09                 |                             | 60                 |                           | 80                  |                               |
| -2°                 | 4405.9       | 1223.85   | 8.23                 |                             | 126.6              | JSL-12-8<br>155kW         | 78                  |                               |
|                     | 5622.6       | 1561.82   | 4.94                 |                             | 88.9               |                           | 85                  |                               |
|                     | 6212.4       | 1725.68   | 3.03                 |                             | 64.1               |                           | 80                  |                               |
| 0°                  | 5190.4       | 1441.78   | 7.42                 |                             | 127.9              |                           | 82                  |                               |
|                     | 6083.4       | 1689.83   | 4.99                 |                             | 97.3               |                           | 85                  |                               |
|                     | 6691.8       | 1858.82   | 3.15                 |                             | 71.6               |                           | 80                  |                               |
| +2°                 | 5382.9       | 1495.25   | 7.97                 |                             | 146.0              | JSL-13-8<br>180kW         | 80                  |                               |
|                     | 6452.1       | 1792.25   | 5.30                 |                             | 109.6              |                           | 85                  |                               |
|                     | 7198.7       | 1999.64   | 3.16                 |                             | 79.4               |                           | 78                  |                               |
| +4°                 | 6166.4       | 1712.88   | 7.07                 | 144.8                       | 82                 |                           |                     |                               |
|                     | 6913.0       | 1920.27   | 5.29                 | 117.2                       | 85                 |                           |                     |                               |
|                     | 7585.8       | 2107.17   | 3.56                 | 94.3                        | 78                 |                           |                     |                               |

**700ZLB-100 工作性能表（低速） 700ZLB-100 CHARACTERISTIC DATA ( LOW SPEED )**

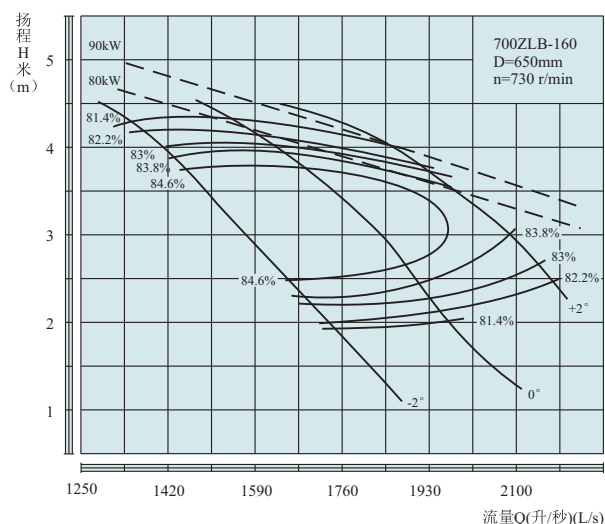
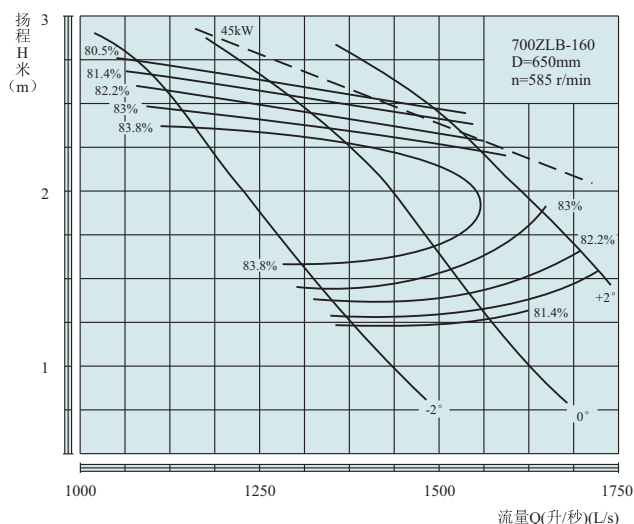
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 3021.0       | 839.18    | 4.76                 | 585                         | 50.2               | JSL-11-10                 | 78                  | 650                           |
|                     | 3693.2       | 1025.89   | 3.20                 |                             | 39.2               | 55kW                      | 82                  |                               |
|                     | 4166.0       | 1157.21   | 1.89                 |                             | 27.5               |                           | 78                  |                               |
| -4°                 | 3235.2       | 898.68    | 5.13                 |                             | 56.5               | JSL-11-10                 | 80                  |                               |
|                     | 4172.4       | 1149.00   | 3.14                 |                             | 42.1               | 65kW                      | 84                  |                               |
|                     | 4345.4       | 1270.06   | 1.98                 |                             | 31.6               |                           | 78                  |                               |
| -2°                 | 3368.2       | 935.61    | 5.60                 |                             | 65.9               | JSL-12-10<br>80kW         | 78                  |                               |
|                     | 4505.7       | 1251.59   | 3.17                 |                             | 45.8               |                           | 85                  |                               |
|                     | 4978.5       | 1382.91   | 1.94                 |                             | 32.9               |                           | 80                  |                               |
| 0°                  | 3981.3       | 1105.91   | 5.09                 |                             | 69.0               | JSL-12-10<br>95kW         | 80                  |                               |
|                     | 4875.0       | 1354.18   | 3.20                 |                             | 50.0               |                           | 85                  |                               |
|                     | 5362.6       | 1489.60   | 2.02                 |                             | 36.9               |                           | 80                  |                               |
| +2°                 | 4173.3       | 1159.26   | 5.34                 |                             | 77.8               | JSL-12-10<br>115kW        | 78                  |                               |
|                     | 5170.5       | 1436.25   | 3.40                 |                             | 56.3               |                           | 85                  |                               |
|                     | 5768.8       | 1602.45   | 2.03                 |                             | 40.9               |                           | 78                  |                               |
| +4°                 | 4195.5       | 1165.42   | 5.88                 |                             | 86.1               | JSL-12-10                 | 78                  |                               |
|                     | 5539.8       | 1538.84   | 3.40                 |                             | 60.3               |                           | 85                  |                               |
|                     | 6079.0       | 1688.62   | 2.29                 |                             | 48.6               |                           | 78                  |                               |

**Z ( H ) LB系列立式轴（混）流泵**
**性能曲线和性能参数表 Property curve and performance data**
**700ZLBc-125 性能曲线图（高速）**
**700ZLBc-125 CHARACTERISTIC CURVES(HIGH SPEED)**

**700ZLBc-125 性能曲线图（低速）**
**700ZLBc-125 CHARACTERISTIC CURVES(LOW SPEED)**

**700ZLBc-125 工作性能表（高速） 700ZLBc-125 CHARACTERISTIC DATA ( HIGH SPEED )**

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 3398         | 944       | 6.1                  | 730                         | 74.3               | JSL-11-8<br>80kW          | 76                  | 650                           |
|                     | 4572         | 1270      | 3.61                 |                             | 53.5               |                           | 84                  |                               |
|                     | 5141         | 1428      | 2.12                 |                             | 39                 |                           | 76                  |                               |
| -2°                 | 4554         | 1265      | 6.2                  |                             | 96.1               | JSL-12-8<br>110kW         | 80                  |                               |
|                     | 5623         | 1562      | 3.74                 |                             | 68.2               |                           | 84.9                |                               |
|                     | 6322         | 1756      | 1.93                 |                             | 43.7               |                           | 76                  |                               |
| 0°                  | 5350         | 1486      | 6.5                  |                             | 121.4              | JSL-12-8<br>130kW         | 78                  |                               |
|                     | 6660         | 1850      | 4.0                  |                             | 84.8               |                           | 85.5                |                               |
|                     | 7380         | 2050      | 2.35                 |                             | 62.1               |                           | 76                  |                               |
| +2°                 | 6336         | 1760      | 6.28                 |                             | 135.5              | JSL-12-8<br>155kW         | 80                  |                               |
|                     | 7445         | 2068      | 4.26                 |                             | 101.7              |                           | 84.9                |                               |
|                     | 7992         | 2220      | 3.15                 |                             | 85.7               |                           | 80                  |                               |
| +4°                 | 8352         | 2320      | 4.81                 | 132                         |                    | 83                        |                     |                               |
|                     | 8402         | 2334      | 4.17                 | 115                         |                    | 83                        |                     |                               |

**700ZLBc-125 工作性能表（低速） 700ZLBc-125 CHARACTERISTIC DATA ( LOW SPEED )**

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 2725         | 757       | 3.92                 | 585                         | 39.3               | Y315S-10<br>(Bs)<br>45kW  | 74                  | 650                           |
|                     | 3668         | 1019      | 2.32                 |                             | 27.6               |                           | 84                  |                               |
|                     | 4104         | 1140      | 1.36                 |                             | 20                 |                           | 78                  |                               |
| -2°                 | 3636         | 1010      | 3.98                 |                             | 49.8               | JSL-11-10<br>55kW         | 79                  |                               |
|                     | 4511         | 1253      | 2.4                  |                             | 34.9               |                           | 84.4                |                               |
|                     | 5051         | 1403      | 1.24                 |                             | 22.4               |                           | 76                  |                               |
| 0°                  | 4392         | 1220      | 4.0                  |                             | 59.7               | JSL-11-10<br>65kW         | 80                  |                               |
|                     | 5314         | 1476      | 2.57                 |                             | 43.8               |                           | 85                  |                               |
|                     | 5922         | 1645      | 1.51                 |                             | 32.9               |                           | 74                  |                               |
| +2°                 | 5069         | 1408      | 4.03                 |                             | 69.9               | JSL-12-10<br>80kW         | 79.6                |                               |
|                     | 5951         | 1653      | 2.74                 |                             | 52.3               |                           | 84.9                |                               |
|                     | 6400         | 1778      | 2.02                 |                             | 44                 |                           | 80                  |                               |
| +4°                 | 6682         | 1856      | 3.10                 |                             | 67.9               |                           | 83.1                |                               |
|                     | 6732         | 1870      | 3.03                 |                             | 66.8               |                           | 83.1                |                               |

**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**
**700ZLB-160 性能曲线图（高速）**
**700ZLB-160 CHARACTERISTIC CURVES(HIGH SPEED)**

**700ZLB-160 性能曲线图（低速）**
**700ZLB-160 CHARACTERISTIC CURVES(LOW SPEED)**

**700ZLB-160 工作性能表（高速） 700ZLB-160 CHARACTERISTIC DATA ( HIGH SPEED )**

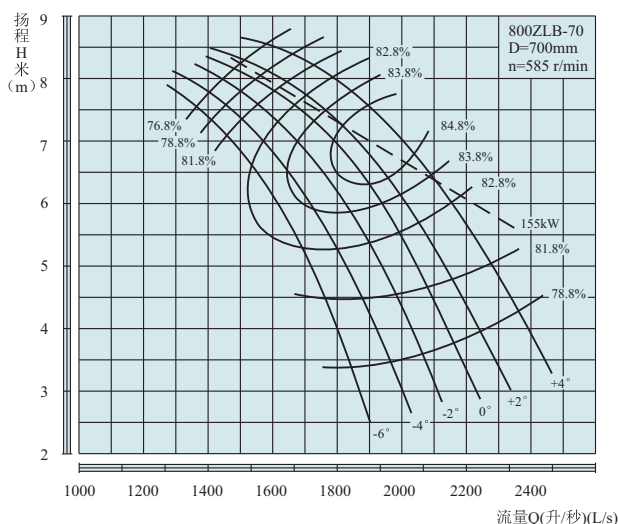
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -2°                 | 4922.3       | 1367.23   | 4.30                 | 730                         | 70.83              | JSL-11-8<br>80kW          | 81.37               | 650                           |
|                     | 5714.7       | 1587.42   | 2.96                 |                             | 55.27              |                           | 85.01               |                               |
|                     | 6295.4       | 1748.73   | 1.98                 |                             | 41.72              |                           | 81.37               |                               |
| 0°                  | 5766.3       | 1601.76   | 4.13                 |                             | 79.70              | JSL-12-8<br>90kW          | 81.37               |                               |
|                     | 6636.5       | 1843.46   | 2.97                 |                             | 62.72              |                           | 85.58               |                               |
|                     | 7086.3       | 1968.92   | 2.07                 |                             | 49.11              |                           | 51.37               |                               |
| +2°                 | 6710.2       | 1863.94   | 3.95                 |                             | 88.71              | JSL-12-8<br>110kW         | 81.37               |                               |
|                     | 7171.2       | 1991.96   | 3.50                 |                             | 81.57              |                           | 83.80               |                               |
|                     | 7797.6       | 2166.07   | 2.46                 |                             | 63.57              |                           | 85.18               |                               |

**700ZLB-160 工作性能表（低速） 700ZLB-160 CHARACTERISTIC DATA ( LOW SPEED )**

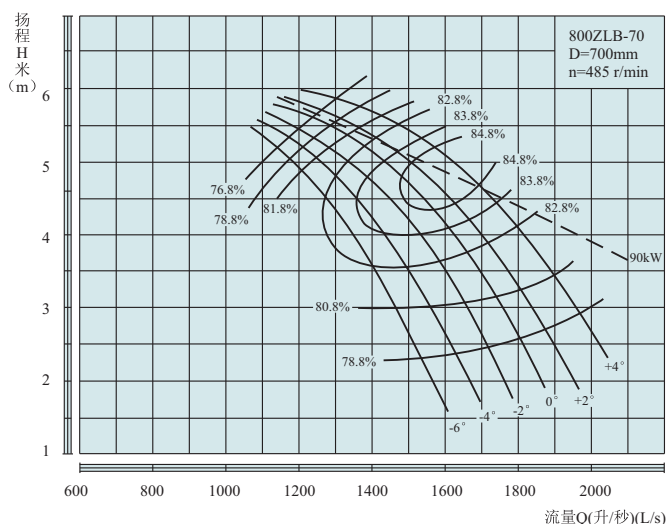
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -2°                 | 3910.6       | 1086.29   | 2.72                 | 580                         | 36.00              | Y315S-10<br>(Bs)<br>45kW  | 80.52               | 650                           |
|                     | 4540.5       | 1261.24   | 1.87                 |                             | 27.50              |                           | 84.23               |                               |
|                     | 4944.7       | 1373.53   | 1.31                 |                             | 21.70              |                           | 81.35               |                               |
| 0°                  | 4694.3       | 1303.96   | 2.52                 |                             | 39.60              | JSL-11-10<br>55kW         | 81.35               |                               |
|                     | 5272.8       | 1464.67   | 1.88                 |                             | 31.74              |                           | 85.06               |                               |
|                     | 5602.4       | 1556.21   | 1.36                 |                             | 25.50              |                           | 81.35               |                               |
| +2°                 | 5331.4       | 1480.94   | 2.49                 |                             | 45.00              | JSL-11-10<br>55kW         | 80.52               |                               |
|                     | 5697.5       | 1582.65   | 2.21                 |                             | 41.32              |                           | 83.00               |                               |
|                     | 6195.5       | 1720.98   | 1.55                 |                             | 32.15              |                           | 81.35               |                               |

**Z ( H ) LB系列立式轴（混）流泵**
**性能曲线和性能参数表 Property curve and performance data**

800ZLB-70 性能曲线图（高速）  
800ZLB-70 CHARACTERISTIC CURVES(HIGH SPEED)



800ZLB-70 性能曲线图（低速）  
800ZLB-70 CHARACTERISTIC CURVES(LOW SPEED)

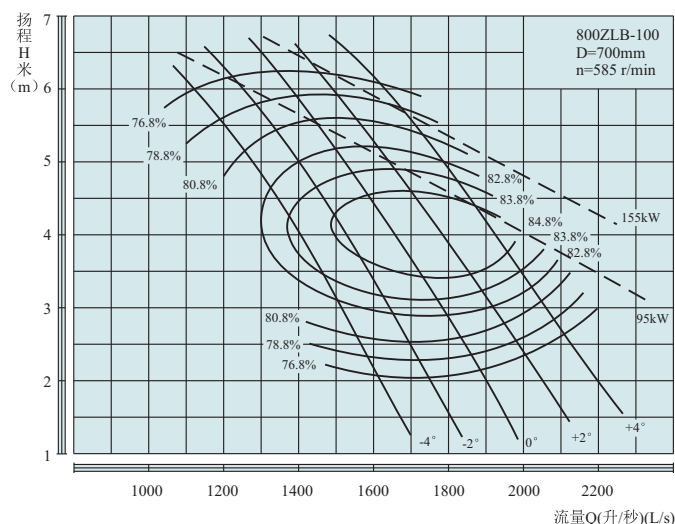
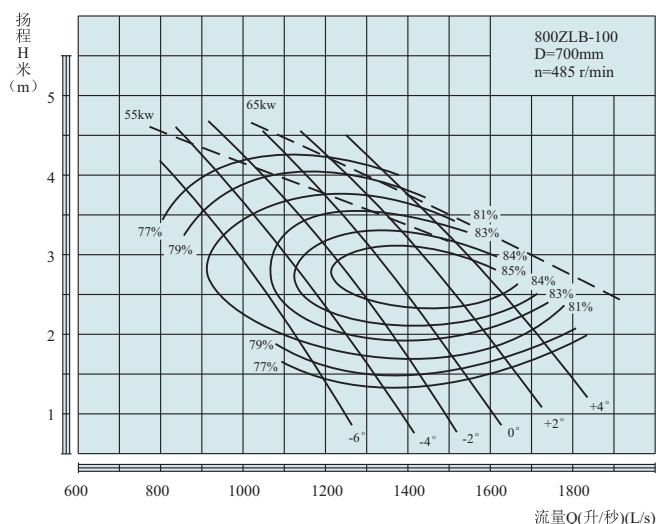


800ZLB-70 工作性能表（高速）800ZLB-70 CHARACTERISTIC DATA ( HIGH SPEED )

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 6380         | 1773      | 4.43                 | 585                         | 97.02              | JSL-13-10<br>155kW        | 80.8                | 700                           |
|                     | 5710         | 1587      | 6.20                 |                             | 116.0              |                           | 83.1                |                               |
|                     | 5100         | 1416      | 7.28                 |                             | 128.3              |                           | 78.8                |                               |
| -4°                 | 6810         | 1891      | 4.41                 |                             | 101.3              | JSL-13-10<br>155kW        | 80.8                |                               |
|                     | 6000         | 1666      | 6.33                 |                             | 123.1              |                           | 84.0                |                               |
|                     | 5065         | 1407      | 7.78                 |                             | 139.7              |                           | 76.8                |                               |
| -2°                 | 7170         | 1991      | 4.43                 |                             | 107.1              | JSL-13-10<br>180kW        | 80.8                |                               |
|                     | 6365         | 1768      | 6.4                  |                             | 131.7              |                           | 84.2                |                               |
|                     | 5390         | 1497      | 7.77                 |                             | 144.7              |                           | 78.8                |                               |
| 0°                  | 7535         | 2093      | 4.61                 |                             | 117.1              | JSL-13-10<br>180kW        | 80.8                |                               |
|                     | 6620         | 1840      | 6.70                 |                             | 140.8              |                           | 85.8                |                               |
|                     | 5540         | 1540      | 7.98                 |                             | 152.8              |                           | 78.8                |                               |
| +2°                 | 7790         | 2163      | 4.75                 |                             | 124.7              | JSL-13-10<br>180kW        | 80.8                |                               |
|                     | 6830         | 1896      | 6.84                 |                             | 148.9              |                           | 85.4                |                               |
|                     | 5645         | 1568      | 8.11                 |                             | 158.2              |                           | 78.8                |                               |
| +4°                 | 8210         | 2281      | 5.02                 |                             | 138.8              | JSL-13-10<br>180kW        | 80.8                |                               |
|                     | 7770         | 2158      | 5.99                 |                             | 153.1              |                           | 84.8                |                               |
|                     | 7130         | 1981      | 7.20                 |                             | 164.8              |                           | 82.8                |                               |

800ZLB-70 工作性能表（低速）800ZLB-70 CHARACTERISTIC DATA ( LOW SPEED )

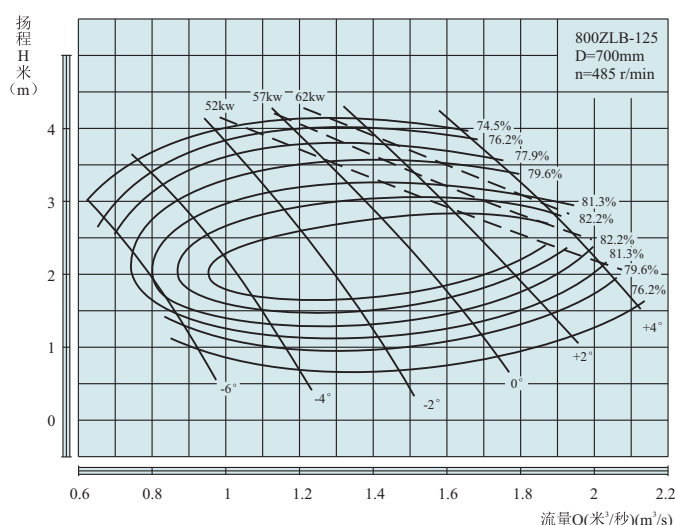
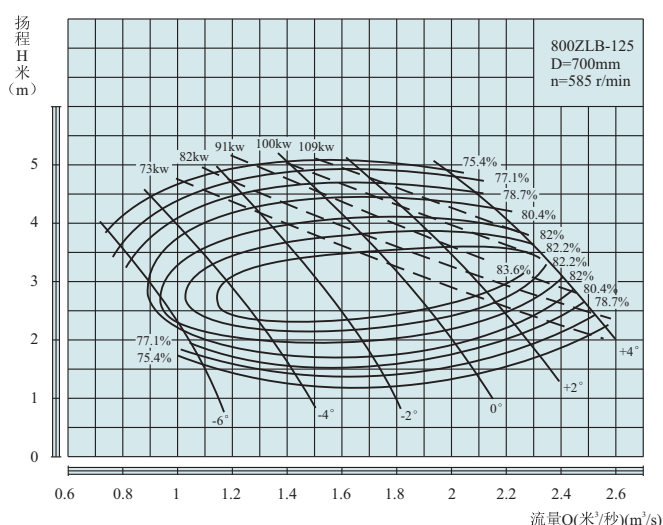
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 5289         | 1469      | 3.04                 | 485                         | 55.5               | 90kW                      | 79                  | 700                           |
|                     | 4734         | 1315      | 4.26                 |                             | 66.6               |                           | 82.5                |                               |
|                     | 4228         | 1174      | 5.0                  |                             | 73.9               |                           | 78                  |                               |
| -4°                 | 5646         | 1568      | 3.03                 |                             | 58.3               | 90kW                      | 80                  |                               |
|                     | 4974         | 1381      | 4.35                 |                             | 71.0               |                           | 83                  |                               |
|                     | 4199         | 1166      | 5.35                 |                             | 80.5               |                           | 76                  |                               |
| -2°                 | 5940         | 1651      | 3.05                 |                             | 61.0               | 90kW                      | 80.8                |                               |
|                     | 5280         | 1466      | 4.40                 |                             | 74.6               |                           | 84.8                |                               |
|                     | 4470         | 1241      | 5.34                 |                             | 82.4               |                           | 78.8                |                               |
| 0°                  | 6250         | 1736      | 3.17                 |                             | 66.8               | 100kW                     | 80.8                |                               |
|                     | 5490         | 1525      | 4.60                 |                             | 80.2               |                           | 85.8                |                               |
|                     | 4600         | 1277      | 5.48                 |                             | 87.1               |                           | 78.8                |                               |
| +2°                 | 6455         | 1793      | 3.26                 |                             | 70.9               | 110kW                     | 80.8                |                               |
|                     | 5660         | 1572      | 4.70                 |                             | 84.9               |                           | 85.4                |                               |
|                     | 4680         | 1300      | 5.57                 |                             | 90.1               |                           | 78.8                |                               |
| +4°                 | 6810         | 1891      | 3.44                 |                             | 78.9               | 110kW                     | 80.8                |                               |
|                     | 5910         | 1642      | 4.95                 |                             | 94.0               |                           | 84.8                |                               |
|                     | 5140         | 1428      | 5.63                 |                             | 97.5               |                           | 80.8                |                               |

**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**
**800ZLB-100 性能曲线图（高速）**
**800ZLB-100 CHARACTERISTIC CURVES(HIGH SPEED)**

**800ZLB-100 性能曲线图（低速）**
**800ZLB-100 CHARACTERISTIC CURVES(LOW SPEED)**

**800ZLB-100 工作性能表（高速） 800ZLB-100 CHARACTERISTIC DATA ( HIGH SPEED )**

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 5710         | 1586      | 2.30                 | 585                         | 45.5               | JSL-12-10<br>95kW         | 78.8                | 700                           |
|                     | 5170         | 1435      | 3.63                 |                             | 60.9               |                           | 83.9                |                               |
|                     | 4260         | 1184      | 5.58                 |                             | 82.2               |                           | 78.8                |                               |
| -2°                 | 6220         | 1727      | 2.24                 |                             | 48.2               | JSL-12-10<br>115kW        | 78.8                |                               |
|                     | 5350         | 1486      | 4.25                 |                             | 73.1               |                           | 84.8                |                               |
|                     | 4590         | 1274      | 5.58                 |                             | 82.2               |                           | 78.8                |                               |
| 0°                  | 6700         | 1860      | 2.35                 |                             | 54.4               | JSL-12-10<br>130kW        | 78.8                |                               |
|                     | 6090         | 1691      | 3.74                 |                             | 72.9               |                           | 85.1                |                               |
|                     | 4970         | 1381      | 5.91                 |                             | 101.6              |                           | 78.8                |                               |
| +2°                 | 7120         | 1978      | 2.57                 |                             | 63.2               | JSL-12-10<br>130kW        | 78.8                |                               |
|                     | 6460         | 1794      | 3.95                 |                             | 81.6               |                           | 85.1                |                               |
|                     | 5390         | 1497      | 5.94                 |                             | 110.0              |                           | 78.8                |                               |
| +4°                 | 7210         | 2086      | 2.83                 |                             | 73.4               | JSL-12-10<br>130kW        | 78.8                |                               |
|                     | 6920         | 1922      | 3.94                 |                             | 87.4               |                           | 85.0                |                               |
|                     | 6000         | 1666      | 5.63                 |                             | 116.6              |                           | 78.8                |                               |

**800ZLB-100 工作性能表（低速） 800ZLB-100 CHARACTERISTIC DATA ( LOW SPEED )**

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 4802         | 1334      | 1.44                 | 485                         | 24.5               | 55kW                      | 77.0                | 700                           |
|                     | 4367         | 1213      | 2.36                 |                             | 33.5               |                           | 83.8                |                               |
|                     | 3535         | 982       | 3.84                 |                             | 46.8               |                           | 79.0                |                               |
| -2°                 | 5126         | 1449      | 1.39                 |                             | 25.6               | 65kW                      | 77.0                |                               |
|                     | 4666         | 1296      | 2.56                 |                             | 38.4               |                           | 84.8                |                               |
|                     | 3802         | 1056      | 3.97                 |                             | 52.0               |                           | 79.0                |                               |
| 0°                  | 5612         | 1559      | 1.46                 |                             | 29.0               | 75kW                      | 77.0                |                               |
|                     | 5047         | 1402      | 2.57                 |                             | 41.5               |                           | 85.1                |                               |
|                     | 4122         | 1145      | 4.06                 |                             | 57.7               |                           | 79.00               |                               |
| +2°                 | 5972         | 1659      | 1.62                 |                             | 34.2               | 75kW                      | 77.0                |                               |
|                     | 5400         | 1500      | 2.62                 |                             | 45.3               |                           | 85.1                |                               |
|                     | 4320         | 1200      | 4.26                 |                             | 65.1               |                           | 77.0                |                               |
| +4°                 | 6296         | 1749      | 1.83                 |                             | 40.9               | 75kW                      | 77.0                |                               |
|                     | 5760         | 1600      | 2.70                 |                             | 49.8               |                           | 85.0                |                               |
|                     | 4781         | 1328      | 4.12                 |                             | 69.7               |                           | 77.0                |                               |

**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**
**800ZLB-125 性能曲线图 (低速)**  
800ZLB-125 CHARACTERISTIC CURVES(LOW SPEED)

**800ZLB-125 性能曲线图 (高速)**  
800ZLB-125 CHARACTERISTIC CURVES(HIGH SPEED)

**800ZLB-125 工作性能表 (高速) 800ZLB-125 CHARACTERISTIC DATA ( HIGH SPEED )**

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 2797         | 777       | 3.93                 | 585                         | 39.4               | 45kW                      | 76                  | 700                           |
|                     | 3582         | 995       | 2.59                 |                             | 30.7               |                           | 82.2                |                               |
|                     | 3744         | 1040      | 2.26                 |                             | 28.4               |                           | 81                  |                               |
| -4°                 | 3258         | 905       | 4.7                  |                             | 56                 | 65kW                      | 74.4                |                               |
|                     | 4572         | 1270      | 2.69                 |                             | 39.9               |                           | 84                  |                               |
|                     | 5033         | 1398      | 1.77                 |                             | 30.44              |                           | 79.7                |                               |
| -2°                 | 4687         | 1302      | 4.41                 |                             | 69.8               | 80kW                      | 80.6                |                               |
|                     | 5641         | 1567      | 2.78                 |                             | 50.8               |                           | 84                  |                               |
|                     | 6005         | 1668      | 2.08                 |                             | 41.5               |                           | 82                  |                               |
| 0°                  | 5742         | 1595      | 4.31                 |                             | 82.7               | 95kW                      | 81.5                |                               |
|                     | 6606         | 1835      | 3.04                 |                             | 65.1               |                           | 84                  |                               |
|                     | 7290         | 2025      | 1.93                 |                             | 47.9               |                           | 80                  |                               |
| +2°                 | 6325         | 1757      | 4.68                 |                             | 100.8              | 115kW                     | 80                  |                               |
|                     | 7452         | 2070      | 3.17                 |                             | 76.6               |                           | 84                  |                               |
|                     | 8017         | 2227      | 2.32                 |                             | 63.3               |                           | 80                  |                               |
| +4°                 | 7848         | 2180      | 4.25                 |                             | 112.1              | 130kW                     | 81                  |                               |
|                     | 8417         | 2338      | 3.51                 |                             | 97                 |                           | 83                  |                               |

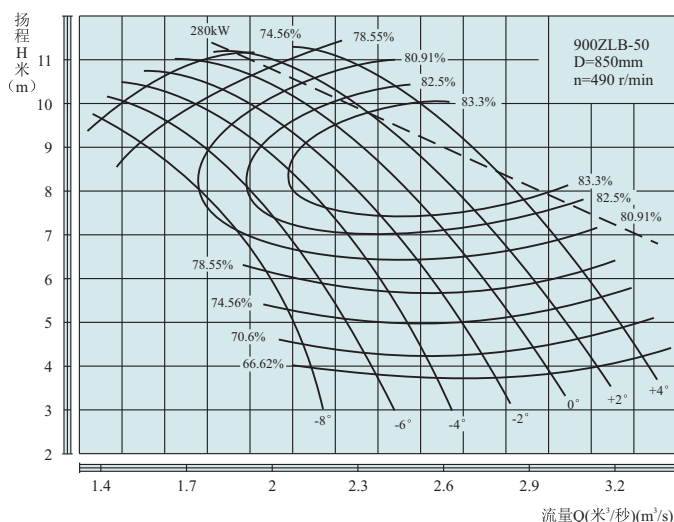
**800ZLB-125 工作性能表 (低速) 800ZLB-125 CHARACTERISTIC DATA ( LOW SPEED )**

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 2038         | 566       | 3.09                 | 485                         | 24.3               | 30kW                      | 70.5                | 700                           |
|                     | 2959         | 822       | 1.78                 |                             | 17.6               |                           | 81.5                |                               |
|                     | 3103         | 862       | 1.55                 |                             | 16.4               |                           | 79.8                |                               |
| -4°                 | 2711         | 753       | 3.23                 |                             | 32.2               | 40kW                      | 74                  |                               |
|                     | 3787         | 1052      | 1.85                 |                             | 22.7               |                           | 84                  |                               |
|                     | 4172         | 1159      | 1.22                 |                             | 17.6               |                           | 78.5                |                               |
| -2°                 | 3431         | 953       | 3.59                 |                             | 45.3               | 55kW                      | 74                  |                               |
|                     | 4680         | 1300      | 1.91                 |                             | 29                 |                           | 84                  |                               |
|                     | 4986         | 1385      | 1.43                 |                             | 23.8               |                           | 81.5                |                               |
| 0°                  | 4763         | 1323      | 2.96                 |                             | 47.4               |                           | 81                  |                               |
|                     | 5490         | 1525      | 2.09                 |                             | 37.2               |                           | 84                  |                               |
|                     | 6048         | 1680      | 1.33                 |                             | 27.9               |                           | 78.5                |                               |
| +2°                 | 5256         | 1460      | 3.22                 |                             | 58.3               | 65kW                      | 79                  |                               |
|                     | 6174         | 1715      | 2.18                 |                             | 43.6               |                           | 84                  |                               |
|                     | 6642         | 1845      | 1.6                  |                             | 36.4               |                           | 79.6                |                               |
| +4°                 | 6509         | 1808      | 2.92                 |                             | 64.7               | 75kW                      | 80                  |                               |
|                     | 6977         | 1938      | 2.41                 |                             | 55.6               |                           | 82.4                |                               |

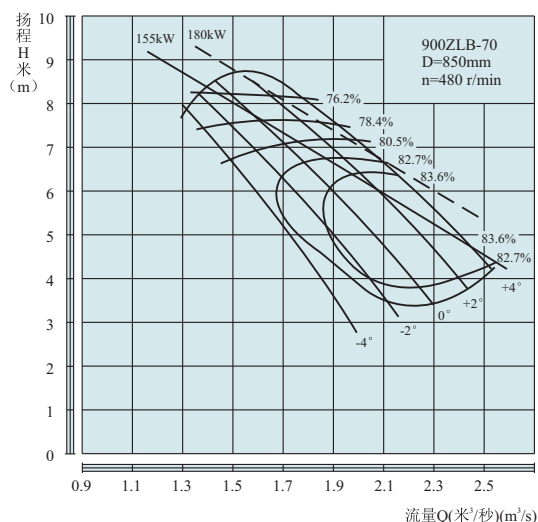


**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

900ZLB-50 性能曲线图  
900ZLB-50 CHARACTERISTIC CURVES



900ZLB-70 性能曲线图  
900ZLB-70 CHARACTERISTIC CURVES



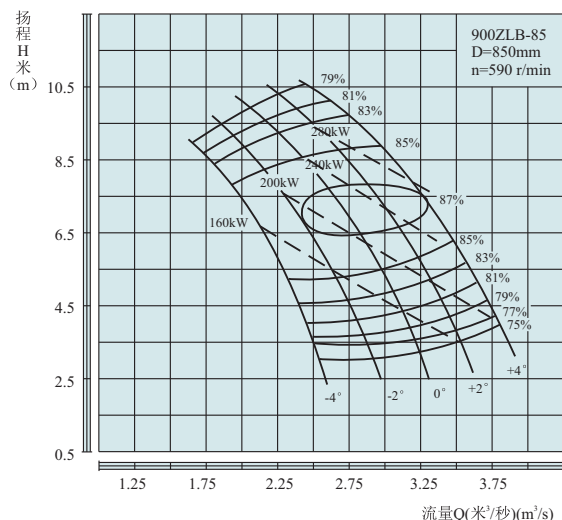
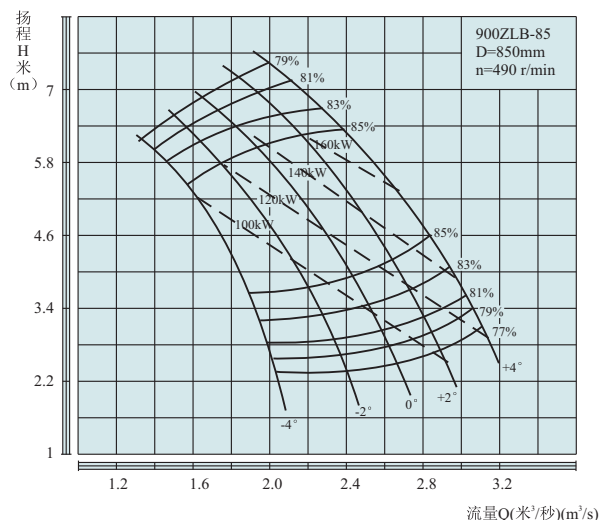
900ZLB-50 工作性能表 900ZLB-50 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                                                                  | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|------------------------------------------------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power                                        |                     |                               |
| -8°                 | 7595.6       | 2109.90   | 4.58                 | 490                         | 134.19             | JSL-14-12<br>280kW<br>(380V)<br>或<br>JSL-15-12<br>280kW<br>(6kV) | 70.6                | 850                           |
|                     | 6472.1       | 1797.80   | 7.82                 |                             | 170.16             |                                                                  | 81.0                |                               |
|                     | 5160.6       | 1433.51   | 9.65                 |                             | 181.9              |                                                                  | 74.56               |                               |
| -6°                 | 8578         | 2382.77   | 3.83                 |                             | 134.3              |                                                                  | 66.62               |                               |
|                     | 7139.4       | 1983.18   | 7.82                 |                             | 183.63             |                                                                  | 82.8                |                               |
|                     | 5658.7       | 1571.87   | 9.77                 |                             | 200.75             |                                                                  | 75.0                |                               |
| -4°                 | 9186.7       | 2551.87   | 4.37                 |                             | 154.86             | JSL-15-12<br>280kW<br>(6kV)                                      | 70.6                |                               |
|                     | 7760.8       | 2128      | 8.06                 |                             | 200.18             |                                                                  | 84.00               |                               |
|                     | 5637.9       | 1566.09   | 10.31                |                             | 212.31             |                                                                  | 74.56               |                               |
| -2°                 | 10038.3      | 2788.42   | 3.91                 |                             | 159.54             |                                                                  | 67.0                |                               |
|                     | 7994.5       | 2278.5    | 8.30                 |                             | 215.12             |                                                                  | 84.2                |                               |
|                     | 6558         | 1821.67   | 10.24                |                             | 232.88             |                                                                  | 78.53               |                               |
| 0°                  | 10570.3      | 2936.20   | 4.42                 |                             | 180.22             | JSL-15-12<br>330kW                                               | 70.6                |                               |
|                     | 8882.2       | 2467.29   | 8.34                 |                             | 239.59             |                                                                  | 84.2                |                               |
|                     | 7457.3       | 2071.48   | 10.19                |                             | 255.77             |                                                                  | 80.91               |                               |
| +2°                 | 11357.4      | 3154.84   | 4.03                 |                             | 184.64             |                                                                  | 66.62               |                               |
|                     | 9350.1       | 2597.25   | 8.55                 |                             | 259.18             |                                                                  | 84.0                |                               |
|                     | 7402.0       | 2056.10   | 10.90                |                             | 279.79             |                                                                  | 78.53               |                               |
| +4°                 | 11774.0      | 3270.55   | 4.88                 |                             | 221.63             | JSL-15-12<br>330kW                                               | 70.6                |                               |
|                     | 9829.8       | 2730.5    | 8.79                 |                             | 280.12             |                                                                  | 84.0                |                               |
|                     | 7858.5       | 2182.93   | 11.20                |                             | 305.19             |                                                                  | 78.53               |                               |

900ZLB-70 工作性能表 900ZLB-70 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 4500         | 1250      | 8.06                 | 480                         | 133                | JSL-13-12<br>155kW        | 74                  | 850                           |
|                     | 5800         | 1610      | 5.98                 |                             | 114                |                           | 82.3                |                               |
|                     | 6770         | 1880      | 3.72                 |                             | 84.2               |                           | 81.4                |                               |
| -2°                 | 5190         | 1440      | 7.82                 |                             | 143                |                           | 77.5                |                               |
|                     | 6620         | 1840      | 5.49                 |                             | 120                |                           | 82.7                |                               |
|                     | 7410         | 2060      | 4.19                 |                             | 110                |                           | 77                  |                               |
| 0°                  | 6510         | 1810      | 6.41                 |                             | 139                | JSL-13-12<br>180kW        | 81.8                |                               |
|                     | 7200         | 2000      | 5.4                  |                             | 125                |                           | 83.6                |                               |
|                     | 8250         | 2290      | 3.33                 |                             | 93.3               |                           | 80.1                |                               |
| +2°                 | 7560         | 2100      | 5.99                 |                             | 147                |                           | 84                  |                               |
|                     | 8420         | 2340      | 4.7                  |                             | 128                |                           | 84.4                |                               |
|                     | 8790         | 2440      | 4                    |                             | 114                |                           | 84                  |                               |
| +4°                 | 7200         | 2000      | 6.85                 |                             | 166                | JSL-13-12<br>180kW        | 81.1                |                               |
|                     | 8650         | 2405      | 5.33                 |                             | 148                |                           | 85.3                |                               |
|                     | 9300         | 2580      | 4.27                 |                             | 128                |                           | 84.8                |                               |



**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**
**900ZLB-85 性能曲线图(高速)**
**900ZLB-85 CHARACTERISTIC CURVES (HIGH SPEED)**

**900ZLB-85 性能曲线图(低速)**
**900ZLB-85 CHARACTERISTIC CURVES (LOW SPEED)**

**900ZLB-85 工作性能表(高速) 900ZLB-85 CHARACTERISTIC DATA (HIGH SPEED)**

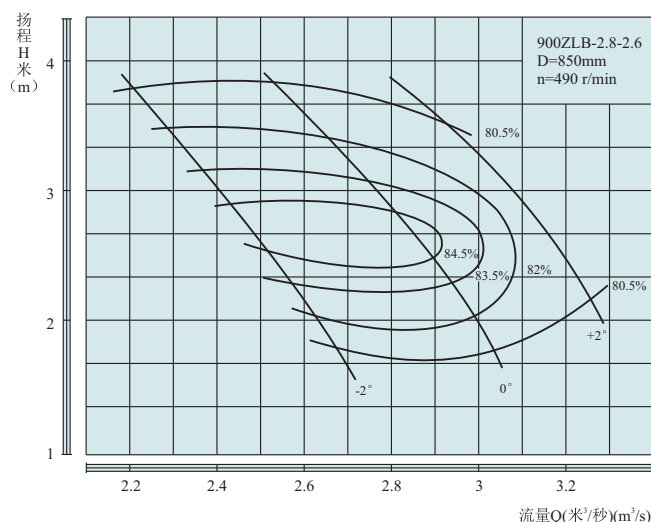
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                              | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|------------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power    |                     |                               |
| -4°                 | 5724         | 1590      | 9.18                 | 590                         | 198                | JSL-14-10<br>250kW<br>(380V) | 77                  | 850                           |
|                     | 6192         | 1720      | 8.67                 |                             | 180                |                              | 81                  |                               |
|                     | 6984         | 1940      | 7.60                 |                             | 95                 |                              | 85                  |                               |
| -2°                 | 6300         | 1750      | 9.76                 |                             | 218                | JSL-14-10<br>280kW           | 77                  |                               |
|                     | 6840         | 1900      | 9.25                 |                             | 212                |                              | 81                  |                               |
|                     | 7776         | 2160      | 8.19                 |                             | 204                |                              | 85                  |                               |
| 0°                  | 6912         | 1920      | 10.21                |                             | 250                | JSL-14-10<br>310kW<br>(380V) | 77                  |                               |
|                     | 10008        | 2780      | 6.55                 |                             | 205                |                              | 87                  |                               |
|                     | 10512        | 2920      | 5.72                 |                             | 193                |                              | 85                  |                               |
| +2°                 | 8460         | 2350      | 9.95                 |                             | 283                | JSL-14-10<br>310kW<br>(380V) | 81                  |                               |
|                     | 10296        | 2860      | 7.84                 |                             | 253                |                              | 87                  |                               |
|                     | 11412        | 3170      | 5.99                 |                             | 220                |                              | 85                  |                               |
| +4°                 | 10692        | 2970      | 8.73                 |                             | 300                | JSL-14-10<br>310kW<br>(380V) | 85                  |                               |
|                     | 11700        | 3250      | 7.25                 |                             | 266                |                              | 87                  |                               |
|                     | 12852        | 3570      | 5.34                 |                             | 234                |                              | 81                  |                               |

**900ZLB-85 工作性能表(低速) 900ZLB-85 CHARACTERISTIC DATA (LOW SPEED)**

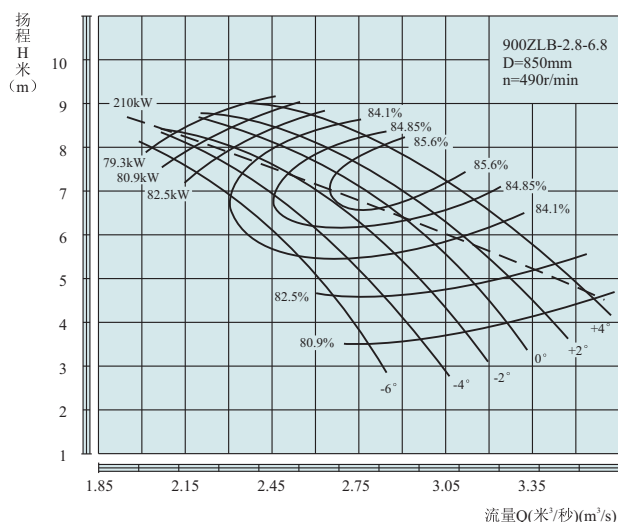
| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 5112         | 1.42        | 6.0                  | 490                         | 105                | 130kW                     | 81                  | 850                           |
|                     | 6300         | 1.75        | 4.5                  |                             | 92                 |                           | 86                  |                               |
|                     | 7488         | 2.08        | 2.0                  |                             | 57                 |                           | 71                  |                               |
| -2°                 | 5724         | 1.59        | 6.5                  |                             | 128                | 155kW                     | 81                  |                               |
|                     | 7200         | 2.00        | 4.8                  |                             | 110                |                           | 87                  |                               |
|                     | 8640         | 2.40        | 2.0                  |                             | 68                 |                           | 71                  |                               |
| 0°                  | 6336         | 1.76        | 6.8                  |                             | 145                | 180kW                     | 81                  |                               |
|                     | 7992         | 2.22        | 5.0                  |                             | 128                |                           | 87                  |                               |
|                     | 9864         | 2.74        | 2.0                  |                             | 78                 |                           | 71                  |                               |
| +2°                 | 6912         | 1.92        | 7.0                  |                             | 163                | 200kW                     | 81                  |                               |
|                     | 8892         | 2.47        | 5.0                  |                             | 139                |                           | 87                  |                               |
|                     | 1044         | 2.90        | 2.5                  |                             | 94                 |                           | 75                  |                               |
| +4°                 | 7884         | 2.19        | 7.0                  |                             | 184                | 200kW                     | 82                  |                               |
|                     | 9648         | 2.68        | 5.1                  |                             | 154                |                           | 87                  |                               |
|                     | 11124        | 3.09        | 3.0                  |                             | 120                |                           | 77                  |                               |

**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

900ZLB-2.8-2.6 性能曲线图  
900ZLB-2.8-2.6 CHARACTERISTIC CURVES



900ZLB-2.8-6.8 性能曲线图  
900ZLB-2.8-6.8 CHARACTERISTIC CURVES



900ZLB-2.8-2.6 工作性能表 900ZLB-2.8-2.6 CHARACTERISTIC DATA

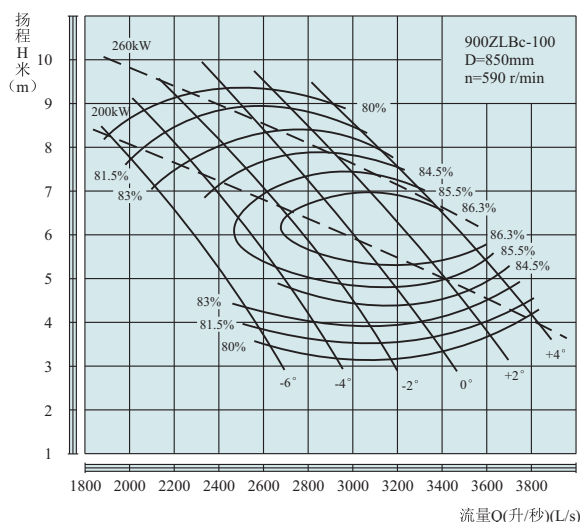
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                              |
| -2°                 | 8496         | 2360      | 3.1                  | 490                         | 86.9               | JSL-13-12                 | 82.5                | 850                          |
|                     | 8946         | 2485      | 2.6                  |                             | 75                 | 95kW                      | 84.5                |                              |
|                     | 9612         | 2670      | 1.8                  |                             | 58.9               | (380V)                    | 80                  |                              |
| 0°                  | 9504         | 2640      | 3.4                  |                             | 108.6              | JSL-13-12                 | 81                  |                              |
|                     | 10260        | 2850      | 2.6                  |                             | 86                 | 130kW                     | 84.5                |                              |
|                     | 10908        | 3030      | 1.8                  |                             | 66.4               | (380V)                    | 80.5                |                              |
| +2°                 | 10620        | 2950      | 3.4                  |                             | 122.2              | JSL-14-12                 | 80.5                |                              |
|                     | 11160        | 3100      | 2.9                  |                             | 108.8              | 140kW                     | 81                  |                              |
|                     | 11610        | 3225      | 2.4                  |                             | 94.3               | (3kV)                     | 80.5                |                              |

900ZLB-2.8-6.8 工作性能表 900ZLB-2.8-6.8 CHARACTERISTIC DATA

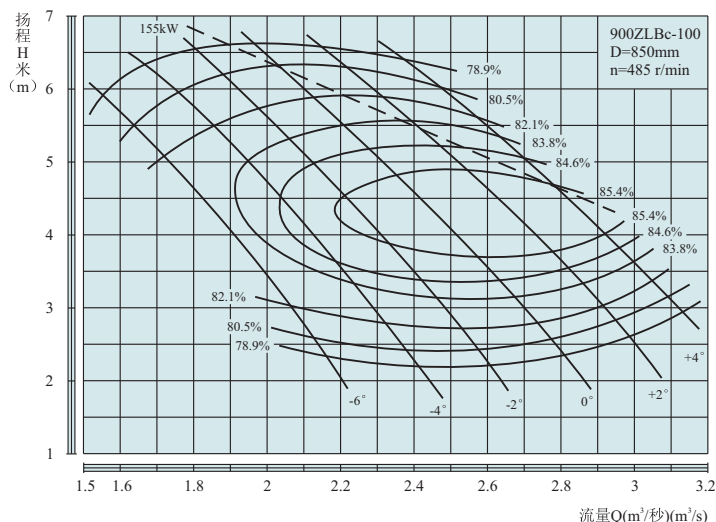
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                                                                  | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|------------------------------------------------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power                                        |                     |                               |
| -6°                 | 9996         | 2777      | 3.5                  | 490                         | 117.6              | JSL-14-12<br>210kW                                               | 81.0                | 850                           |
|                     | 9335         | 2593      | 5.1                  |                             | 155.2              |                                                                  | 83.6                |                               |
|                     | 8301         | 2306      | 6.8                  |                             | 182.3              |                                                                  | 84.1                |                               |
|                     | 7637         | 2121      | 7.5                  |                             | 193.8              |                                                                  | 81.0                |                               |
| -4°                 | 10667        | 2963      | 3.6                  |                             | 127.8              |                                                                  | 81.0                |                               |
|                     | 9906         | 2752      | 5.1                  |                             | 164.6              |                                                                  | 83.6                |                               |
|                     | 8841         | 2456      | 6.7                  |                             | 190.4              |                                                                  | 84.9                |                               |
|                     | 7858         | 2183      | 7.8                  |                             | 206.1              |                                                                  | 81.0                |                               |
| -2°                 | 11214        | 3115      | 3.7                  |                             | 139.3              | JSL-14-12<br>280kW<br>(380V)<br>或<br>JSL-15-12<br>280kW<br>(6kV) | 81.0                |                               |
|                     | 10487        | 2913      | 5.1                  |                             | 174.5              |                                                                  | 83.5                |                               |
|                     | 9028         | 2508      | 7.2                  |                             | 209.2              |                                                                  | 84.9                |                               |
|                     | 8080         | 2244      | 8.4                  |                             | 218.4              |                                                                  | 81.0                |                               |
| 0°                  | 11753        | 3265      | 3.9                  | 153.9                       |                    | 81                                                               |                     |                               |
|                     | 11124        | 3090      | 5.1                  | 185.9                       |                    | 83.1                                                             |                     |                               |
|                     | 10080        | 2800      | 6.8                  | 218.1                       |                    | 85.6                                                             |                     |                               |
|                     | 8308         | 2308      | 8.3                  | 230.7                       |                    | 81.0                                                             |                     |                               |
| +2°                 | 12154        | 3376      | 4.1                  | 167.3                       |                    | 81.0                                                             |                     |                               |
|                     | 10512        | 2920      | 6.7                  | 224.1                       |                    | 85.6                                                             |                     |                               |
|                     | 9732         | 2731      | 7.5                  | 233.3                       |                    | 85.6                                                             |                     |                               |
|                     | 8481         | 2356      | 8.4                  | 238.7                       |                    | 81.0                                                             |                     |                               |
| +4°                 | 12790        | 3553      | 4.4                  | 190.3                       |                    | 81.0                                                             |                     |                               |
|                     | 11268        | 3130      | 6.7                  | 241.9                       |                    | 85.0                                                             |                     |                               |
|                     | 10273        | 2854      | 7.9                  | 256.6                       |                    | 85.6                                                             |                     |                               |
|                     | 8945         | 2480      | 8.7                  | 260.5                       |                    | 81.0                                                             |                     |                               |

**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**

900ZLBc-100 性能曲线图  
900ZLBc-100 CHARACTERISTIC CURVES



900ZLBc-100 性能曲线图  
900ZLBc-100 CHARACTERISTIC CURVES



900ZLBc-100 工作性能表 900ZLBc-100 CHARACTERISTIC DATA

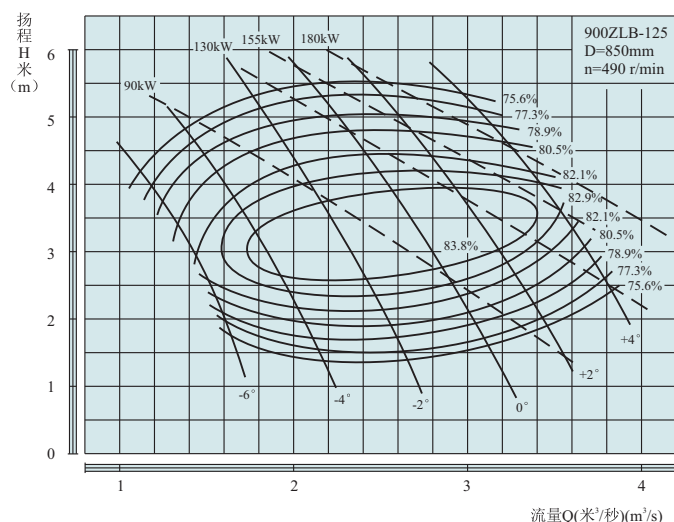
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 9395         | 2609.8    | 3.81                 | 590                         | 124.5              | JSL-14-10<br>200kW        | 80                  | 850                           |
|                     | 8328         | 2313.2    | 5.86                 |                             | 160.0              |                           | 84.7                |                               |
|                     | 7156         | 1989.7    | 7.71                 |                             | 184.5              |                           | 81.5                |                               |
| -4°                 | 10463        | 2906.3    | 3.16                 |                             | 112.5              | JSL-15-10<br>260kW        | 80                  |                               |
|                     | 9327         | 2590.9    | 5.45                 |                             | 161.5              |                           | 85.7                |                               |
|                     | 8496         | 2360.0    | 7.01                 |                             | 194.2              |                           | 83.5                |                               |
| -2°                 | 11393        | 3164.6    | 2.98                 |                             | 115.6              | JSL-15-10<br>260kW        | 80                  |                               |
|                     | 9661         | 2683.5    | 6.37                 |                             | 194.2              |                           | 86.3                |                               |
|                     | 8280         | 2300.0    | 8.66                 |                             | 239.6              |                           | 81.5                |                               |
| 0°                  | 11645        | 3234.8    | 4.30                 |                             | 161.4              | JSL-15-10<br>260kW        | 84.5                |                               |
|                     | 10994        | 3053.8    | 5.61                 |                             | 194.2              |                           | 86.5                |                               |
|                     | 9693         | 2692.6    | 7.77                 |                             | 242.7              |                           | 84.5                |                               |
| +2°                 | 12477        | 3465.77   | 4.57                 |                             | 183.8              | JSL-15-10<br>260kW        | 84.5                |                               |
|                     | 11528        | 3202.3    | 5.56                 |                             | 200.7              |                           | 87                  |                               |
|                     | 11195        | 3109.7    | 6.70                 |                             | 241.7              |                           | 84.5                |                               |
| +4°                 | 13110        | 3641.7    | 4.95                 |                             | 209.1              | JSL-15-10<br>260kW        | 84.5                |                               |
|                     | 12495        | 3470.8    | 5.92                 |                             | 232.9              |                           | 86.5                |                               |
|                     | 12162        | 3378.3    | 6.50                 |                             | 250.3              |                           | 80                  |                               |

900ZLBc-100 工作性能表 900ZLBc-100 CHARACTERISTIC DATA

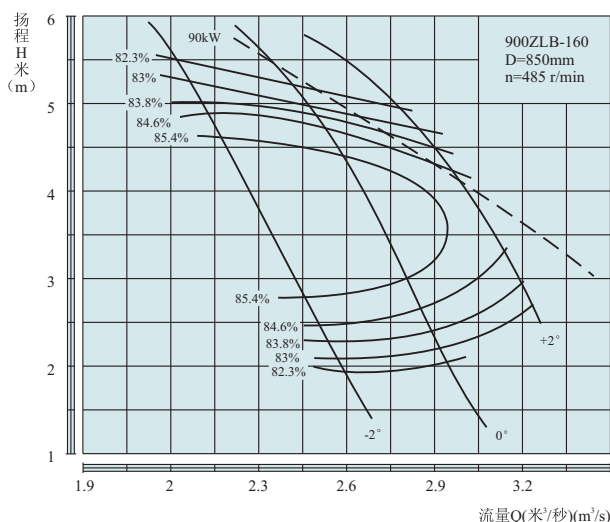
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 7722         | 2145      | 2.36                 | 485                         | 62.9               | JSL-13-12<br>155kW        | 78.9                | 850                           |
|                     | 6847         | 1902      | 4.02                 |                             | 90.6               |                           | 83.8                |                               |
|                     | 5602         | 1556      | 5.91                 |                             | 114.3              |                           | 78.9                |                               |
| -4°                 | 8478         | 2355      | 2.46                 |                             | 70.0               | JSL-13-12<br>155kW        | 80.5                |                               |
|                     | 7668         | 2130      | 3.89                 |                             | 96.0               |                           | 84.65               |                               |
|                     | 6325         | 1757      | 5.97                 |                             | 127.8              |                           | 80.5                |                               |
| -2°                 | 9079         | 2522      | 2.69                 |                             | 80.0               | JSL-13-12<br>180kW        | 82.1                |                               |
|                     | 8352         | 2320      | 3.98                 |                             | 106.4              |                           | 85.1                |                               |
|                     | 6808         | 1897      | 6.18                 |                             | 142.3              |                           | 80.5                |                               |
| 0°                  | 9778         | 2716      | 2.77                 |                             | 89.8               | JSL-13-12<br>180kW        | 82.1                |                               |
|                     | 9040         | 2511      | 4.00                 |                             | 115.0              |                           | 85.63               |                               |
|                     | 7970         | 2214      | 5.54                 |                             | 143.5              |                           | 83.8                |                               |
| +2°                 | 10408        | 2891      | 3.00                 |                             | 103.6              | JSL-13-12<br>180kW        | 82.1                |                               |
|                     | 9587         | 2663      | 4.23                 |                             | 128.1              |                           | 86.2                |                               |
|                     | 7888         | 2191      | 6.40                 |                             | 174.2              |                           | 80.5                |                               |
| +4°                 | 11146        | 3096      | 3.02                 |                             | 113.9              | JSL-13-12<br>180kW        | 80.5                |                               |
|                     | 10271        | 2853      | 4.22                 |                             | 138.0              |                           | 85.54               |                               |
|                     | 9475         | 2632      | 5.33                 |                             | 164.1              |                           | 83.8                |                               |

**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

900ZLB-125 性能曲线图  
900ZLB-125 CHARACTERISTIC CURVES



900ZLB-160 性能曲线图  
900ZLB-160 CHARACTERISTIC CURVES



900ZLB-125 工作性能表 900ZLB-125 CHARACTERISTIC DATA

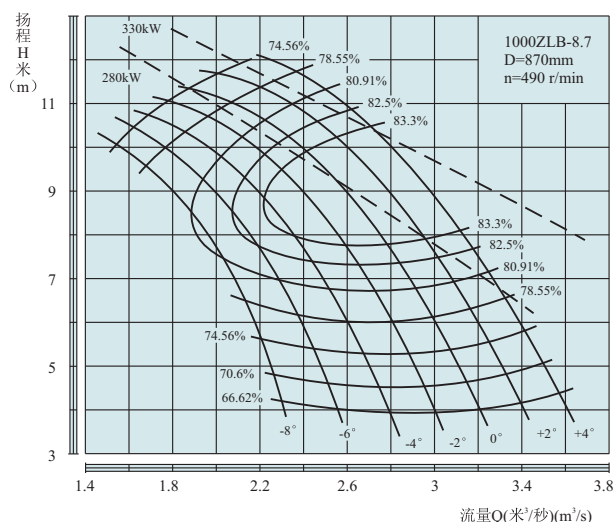
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 4095         | 1137.6    | 4.14                 | 490                         | 61.1               | JSL-12-12<br>95kW         | 75.6                | 850                           |
|                     | 4565         | 1268.3    | 3.62                 |                             | 57.0               |                           | 78.9                |                               |
|                     | 5504         | 1529.6    | 2.57                 |                             | 46.9               |                           | 82.1                |                               |
|                     | 5645         | 1568      | 2.29                 |                             | 43.7               |                           | 80.5                |                               |
| -4°                 | 5616         | 1560      | 4.12                 |                             | 78.3               | JSL-13-12<br>130kW        | 80.5                |                               |
|                     | 6170         | 1714      | 3.57                 |                             | 72.4               |                           | 82.9                |                               |
|                     | 6998         | 1944      | 2.57                 |                             | 58.47              |                           | 83.8                |                               |
|                     | 7333         | 2037      | 2.16                 |                             | 52.5               |                           | 82.1                |                               |
| -2°                 | 6974         | 1937      | 4.62                 |                             | 109.0              | JSL-13-12<br>155kW        | 80.5                |                               |
|                     | 7553         | 2098      | 3.98                 |                             | 98.7               |                           | 82.9                |                               |
|                     | 8687         | 2413      | 2.57                 |                             | 72.5               |                           | 83.8                |                               |
|                     | 9022         | 2506      | 2.12                 |                             | 63.4               |                           | 82.1                |                               |
| 0°                  | 8935         | 2482      | 4.13                 |                             | 121.2              | JSL-13-12<br>180kW        | 82.9                |                               |
|                     | 10030        | 2786      | 3.17                 |                             | 101.9              |                           | 85.0                |                               |
|                     | 10292        | 2859      | 2.73                 |                             | 91.3               |                           | 83.8                |                               |
|                     | 10652        | 2959      | 2.35                 |                             | 83.0               |                           | 82.1                |                               |
| +2°                 | 10264        | 2851      | 4.16                 |                             | 140.3              | JSL-13-12<br>180kW        | 82.9                |                               |
|                     | 10570        | 2936      | 3.89                 |                             | 133.6              |                           | 83.8                |                               |
|                     | 11428        | 3174.5    | 2.99                 |                             | 111.0              |                           | 83.8                |                               |
|                     | 11786        | 3274      | 2.57                 |                             | 100.5              |                           | 82.1                |                               |
| +4°                 | 12064        | 3351      | 4.13                 |                             | 165.3              | JSL-13-12<br>180kW        | 82.1                |                               |
|                     | 12672        | 3520      | 3.55                 |                             | 147.8              |                           | 82.9                |                               |
|                     | 13198        | 3666      | 3.07                 |                             | 137.1              |                           | 80.5                |                               |
|                     | 13808        | 3835.5    | 2.43                 |                             | 120.9              |                           | 75.6                |                               |

900ZLB-160 工作性能表 900ZLB-160 CHARACTERISTIC DATA

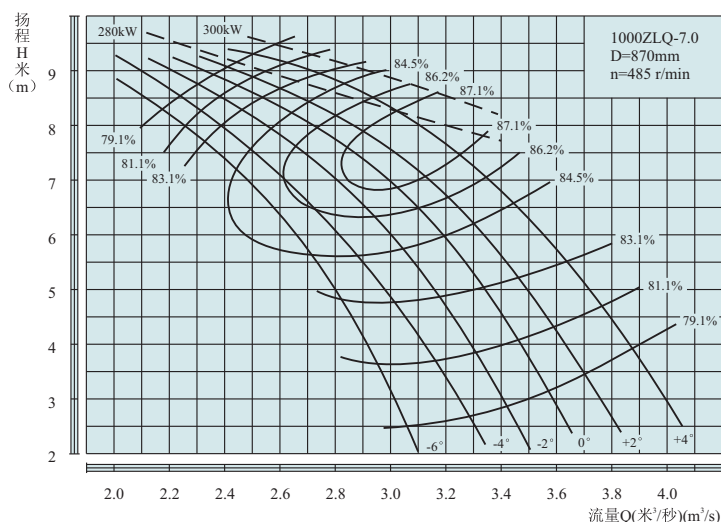
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                                              | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|----------------------------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power                    |                     |                               |
| -2°                 | 9234         | 2565      | 1.57                 | 485                         | 48.0               | Y355M-12<br>110kW<br>或<br>JSL-13-12<br>130kW | 83.0                | 850                           |
|                     | 8492         | 2359      | 2.24                 |                             | 60.5               |                                              | 85.7                |                               |
|                     | 7315         | 2032      | 3.25                 |                             | 78.8               |                                              | 82.3                |                               |
| 0°                  | 10476        | 2910      | 1.63                 |                             | 56.0               |                                              | 83.0                |                               |
|                     | 9849.6       | 2736      | 2.25                 |                             | 69.8               |                                              | 86.5                |                               |
|                     | 8568         | 2380      | 3.12                 |                             | 88.5               |                                              | 82.3                |                               |
| +2°                 | 11462.4      | 3184      | 2.01                 |                             | 75.6               |                                              | 83.0                |                               |
|                     | 10656        | 2960      | 2.64                 |                             | 90.6               |                                              | 84.6                |                               |
|                     | 9968.4       | 2769      | 3.00                 |                             | 98.5               |                                              | 82.3                |                               |

**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**

1000ZLB-8.7 性能曲线图  
1000ZLB-8.7 CHARACTERISTIC CURVES



1000ZLQ/B-7.0 性能曲线图  
1000ZLQ/B-7.0 CHARACTERISTIC CURVES



1000ZLB-8.7 工作性能表 1000ZLB-8.7 CHARACTERISTIC DATA

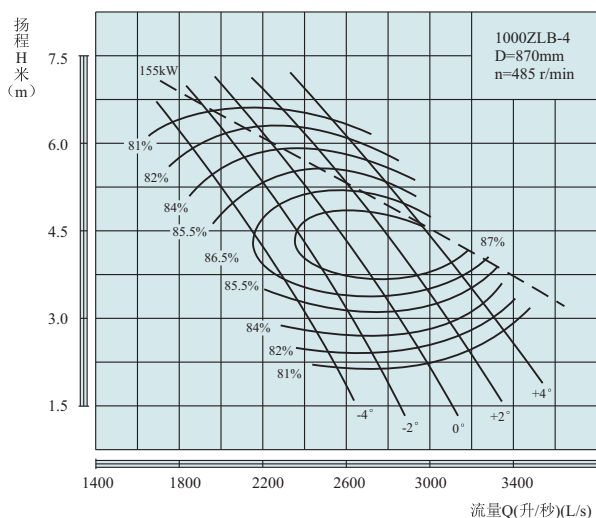
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                                  | 效率η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|----------------------------------|--------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power        |                    |                               |
| -6°                 | 8530.2       | 2369.5    | 6.20                 | 490                         | 183.41             | JSL-14-12<br>280kW<br>(380V)     | 78.53              | 870                           |
|                     | 7655.4       | 2126.5    | 8.19                 |                             | 206.21             |                                  | 82.8               |                               |
|                     | 5785.9       | 1607.2    | 10.49                |                             | 221.69             |                                  | 74.56              |                               |
| -4°                 | 9042.1       | 2511.7    | 6.81                 |                             | 207.26             | 或<br>JSL-15-12<br>280kW<br>(6kV) | 80.91              |                               |
|                     | 8214.5       | 2281.8    | 8.46                 |                             | 225.30             |                                  | 84.0               |                               |
|                     | 6045.5       | 1679.3    | 10.79                |                             | 238.26             |                                  | 74.56              |                               |
| -2°                 | 9806.0       | 2723.9    | 6.76                 |                             | 223.12             | JSL-15-12<br>330kW               | 80.91              |                               |
|                     | 8795.9       | 2443.3    | 8.76                 |                             | 249.81             |                                  | 84.0               |                               |
|                     | 7031.9       | 1953.3    | 10.73                |                             | 261.65             |                                  | 78.53              |                               |
| 0°                  | 10503.4      | 2917.6    | 6.83                 |                             | 241.46             |                                  | 80.91              |                               |
|                     | 9524.2       | 2645.6    | 8.47                 |                             | 269.23             |                                  | 84.2               |                               |
|                     | 7462.1       | 2072.8    | 11.07                |                             | 286.46             |                                  | 78.53              |                               |
| +2°                 | 11111.8      | 3086.6    | 6.96                 |                             | 260.31             |                                  | 80.91              |                               |
|                     | 10025.6      | 2784.9    | 8.95                 |                             | 290.90             |                                  | 84.0               |                               |
|                     | 7936.9       | 2204.7    | 11.42                |                             | 314.33             |                                  | 78.53              |                               |
| +4°                 | 11705.0      | 3251.4    | 7.20                 |                             | 283.66             |                                  | 80.91              |                               |
|                     | 11230.2      | 3119.5    | 8.11                 |                             | 297.76             |                                  | 83.3               |                               |
|                     | 10540.1      | 2927.8    | 9.24                 |                             | 315.74             |                                  | 84.0               |                               |

1000ZLQ/B-7.0 工作性能表 1000ZLQ/B-7.0 CHARACTERISTIC DATA

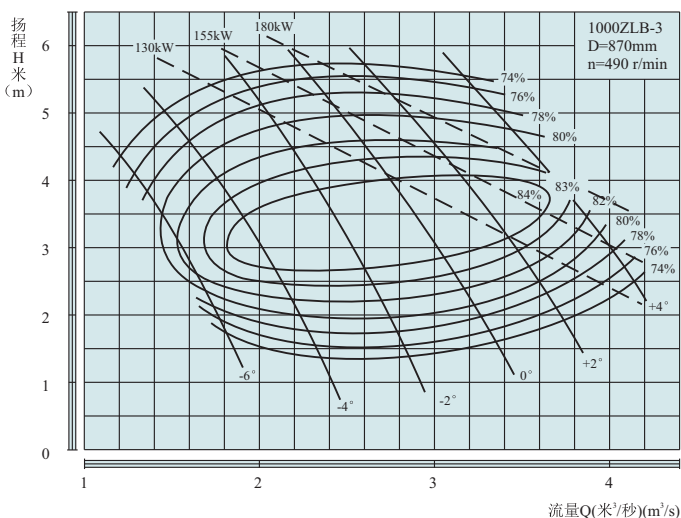
| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|---------------------------|--------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                    |                               |
| -6°                 | 7848         | 2.18        | 8.26                 | 485                         | 223.3              | JSL-14-12<br>280kW        | 79.1               | 870                           |
|                     | 9108         | 2.53        | 6.79                 |                             | 199.4              |                           | 84.5               |                               |
|                     | 10080        | 2.80        | 5.00                 |                             | 165.3              |                           | 83.1               |                               |
| -4°                 | 8064         | 2.24        | 8.52                 |                             | 236.7              |                           | 79.1               |                               |
|                     | 9540         | 2.65        | 6.93                 |                             | 209.0              |                           | 86.2               |                               |
|                     | 10584        | 2.94        | 5.00                 |                             | 173.5              |                           | 83.1               |                               |
| -2°                 | 8280         | 2.30        | 8.73                 |                             | 249.0              | JSL-15-12<br>330kW        | 79.1               |                               |
|                     | 10116        | 2.81        | 7.00                 |                             | 223.9              |                           | 86.2               |                               |
|                     | 11340        | 3.15        | 5.00                 |                             | 185.9              |                           | 83.1               |                               |
| 0°                  | 8820         | 2.45        | 8.73                 |                             | 258.7              |                           | 81.1               |                               |
|                     | 10548        | 2.93        | 7.33                 |                             | 241.9              |                           | 87.1               |                               |
|                     | 12024        | 3.34        | 5.00                 |                             | 197.4              |                           | 83.0               |                               |
| +2°                 | 9288         | 2.58        | 8.73                 |                             | 269.1              |                           | 82.1               |                               |
|                     | 10872        | 3.02        | 7.49                 |                             | 254.8              |                           | 87.1               |                               |
|                     | 12528        | 3.48        | 5.00                 |                             | 206.9              |                           | 82.5               |                               |
| +4°                 | 10260        | 2.85        | 8.73                 |                             | 288.8              |                           | 84.5               |                               |
|                     | 11356        | 3.15        | 7.88                 |                             | 279.6              |                           | 87.1               |                               |
|                     | 13356        | 3.71        | 5.00                 |                             | 223.2              |                           | 81.5               |                               |

**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

1000ZLB-4 性能曲线图  
1000ZLB-4 CHARACTERISTIC CURVES



1000ZLB-3 性能曲线图  
1000ZLB-3 CHARACTERISTIC CURVES



1000ZLB-4 工作性能表 1000ZLB-4 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 9223         | 2562      | 2.22                 | 485                         | 68.8               | JSL-13-12<br>155kW        | 81                  | 870                           |
|                     | 8136         | 2260      | 4.00                 |                             | 102                |                           | 86.5                |                               |
|                     | 6782         | 1884      | 5.93                 |                             | 133.5              |                           | 82                  |                               |
| -2°                 | 9896         | 2749      | 2.38                 |                             | 78.2               | JSL-13-12<br>180kW        | 82                  |                               |
|                     | 8892         | 2470      | 4.00                 |                             | 118.1              |                           | 87                  |                               |
|                     | 7956         | 2210      | 5.29                 |                             | 134.0              |                           | 85.5                |                               |
| 0°                  | 10645        | 2957      | 2.50                 |                             | 88.3               | JSL-13-12<br>180kW        | 82                  |                               |
|                     | 9548         | 2680      | 4.00                 |                             | 120                |                           | 87                  |                               |
|                     | 7920         | 2200      | 6.27                 |                             | 164.9              |                           | 82                  |                               |
| +2°                 | 11470        | 3186      | 2.50                 |                             | 96.4               | JSL-13-12<br>180kW        | 81                  |                               |
|                     | 10426        | 2896      | 4.00                 |                             | 130.5              |                           | 87                  |                               |
|                     | 9191         | 2553      | 5.57                 |                             | 163                |                           | 85.5                |                               |
| +4°                 | 11952        | 3320      | 3.00                 |                             | 120.5              | JSL-14-12<br>210kW        | 81                  |                               |
|                     | 11218        | 3116      | 4.00                 |                             | 140.4              |                           | 87                  |                               |
|                     | 10379        | 2883      | 5.00                 |                             | 163.3              |                           | 86.5                |                               |

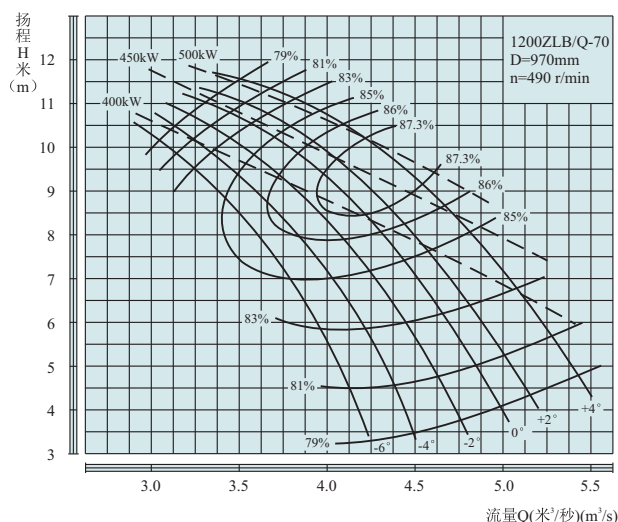
1000ZLB-3 工作性能表 1000ZLB-3 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 4910         | 1364      | 3.79                 | 490                         | 65.0               | 75kW                      | 78                  | 870                           |
|                     | 5584         | 1551      | 3.00                 |                             | 55.6               |                           | 82                  |                               |
|                     | 6221         | 1728      | 2.19                 |                             | 47.6               |                           | 78                  |                               |
| -4°                 | 5796         | 1610      | 4.59                 |                             | 92.9               | JSL-13-12<br>100kW        | 78                  |                               |
|                     | 7200         | 2000      | 3.17                 |                             | 74.0               |                           | 84                  |                               |
|                     | 8028         | 2230      | 2.02                 |                             | 55.2               |                           | 80                  |                               |
| -2°                 | 7528         | 2091      | 4.84                 |                             | 124.0              | JSL-13-12<br>130kW        | 80                  |                               |
|                     | 8964         | 2490      | 3.18                 |                             | 92.4               |                           | 84                  |                               |
|                     | 9864         | 2740      | 1.97                 |                             | 66.1               |                           | 80                  |                               |
| 0°                  | 8953         | 2478      | 5.00                 |                             | 151.8              | JSL-13-12<br>155kW        | 80                  |                               |
|                     | 10754        | 2987      | 3.32                 |                             | 114.4              |                           | 85                  |                               |
|                     | 11628        | 3230      | 2.21                 |                             | 87.5               |                           | 80                  |                               |
| +2°                 | 10325        | 2868      | 4.96                 |                             | 174.3              | JSL-13-12<br>180kW        | 80                  |                               |
|                     | 11934        | 3315      | 3.44                 |                             | 133.1              |                           | 84                  |                               |
|                     | 12888        | 3580      | 2.52                 |                             | 110.6              |                           | 80                  |                               |
| +4°                 | 12456        | 3460      | 4.75                 |                             | 201.4              | JSL-14-12<br>210kW        | 80                  |                               |
|                     | 13554        | 3765      | 3.80                 |                             | 169.0              |                           | 83                  |                               |
|                     | 14148        | 3930      | 3.22                 |                             | 155.1              |                           | 80                  |                               |

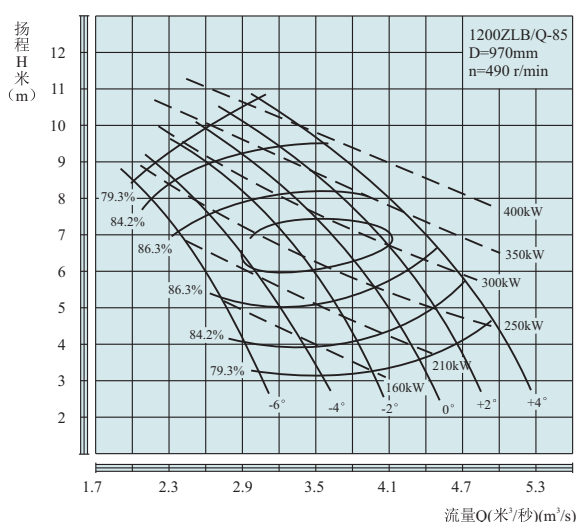


**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**

1200ZLB/Q-70 性能曲线图  
1200ZLB/Q-70 CHARACTERISTIC CURVES



1200ZLB/Q-85 性能曲线图  
1200ZLB/Q-85 CHARACTERISTIC CURVES



1200ZLB/Q-70 工作性能表 1200ZLB/Q-70 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 14868        | 4.13        | 4.54                 | 490                         | 227                | 400kW                     | 81                  | 970                           |
|                     | 13284        | 3.69        | 7.50                 |                             | 320                |                           | 85                  |                               |
|                     | 10986        | 3.05        | 10.17                |                             | 386                |                           | 79                  |                               |
| -4°                 | 15840        | 4.40        | 4.63                 |                             | 247                | 450kW                     | 81                  |                               |
|                     | 13860        | 3.85        | 7.90                 |                             | 347                |                           | 86                  |                               |
|                     | 12024        | 3.34        | 9.86                 |                             | 389                |                           | 83                  |                               |
| -2°                 | 16668        | 4.63        | 4.78                 |                             | 268                | 500kW                     | 81                  |                               |
|                     | 15264        | 4.24        | 7.20                 |                             | 353                |                           | 85                  |                               |
|                     | 13428        | 3.73        | 9.43                 |                             | 402                |                           | 86                  |                               |
| 0°                  | 12024        | 3.34        | 10.47                |                             | 424                | 560kW                     | 81                  |                               |
|                     | 17468        | 4.85        | 5.07                 |                             | 298                |                           | 81                  |                               |
|                     | 16128        | 4.48        | 7.20                 |                             | 377                |                           | 84                  |                               |
| +2°                 | 14760        | 4.10        | 9.03                 |                             | 416                |                           | 87.3                |                               |
|                     | 13320        | 3.70        | 10.21                |                             | 436                |                           | 85                  |                               |
|                     | 18072        | 5.02        | 5.30                 |                             | 323                | 400kW                     | 81                  |                               |
| +4°                 | 16524        | 4.59        | 7.64                 |                             | 405                |                           | 85                  |                               |
|                     | 15732        | 4.37        | 8.64                 |                             | 424                |                           | 87.3                |                               |
|                     | 12600        | 3.50        | 10.92                |                             | 463                |                           | 81                  |                               |
|                     | 19008        | 5.28        | 5.13                 |                             | 328                | 280kW                     | 81                  |                               |
|                     | 17316        | 4.81        | 8.07                 |                             | 448                |                           | 85                  |                               |
|                     | 16416        | 4.56        | 9.19                 |                             | 470                |                           | 87.3                |                               |
|                     | 13284        | 3.69        | 11.29                |                             | 505                |                           | 81                  |                               |

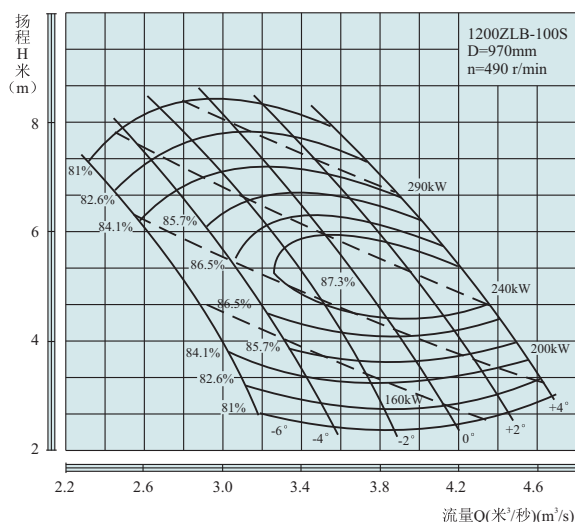
1200ZLB/Q-85 工作性能表 1200ZLB/Q-85 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 11160        | 3.1         | 3.25                 | 490                         | 124.5              | 280kW                     | 79.3                | 970                           |
|                     | 9360         | 2.6         | 6.3                  |                             | 184.9              |                           | 86.8                |                               |
|                     | 7200         | 2.0         | 8.55                 |                             | 211.3              |                           | 79.3                |                               |
| -4°                 | 12888        | 3.58        | 3.2                  |                             | 141.5              | 330kW                     | 79.3                |                               |
|                     | 10800        | 3.0         | 6.4                  |                             | 214.5              |                           | 87.7                |                               |
|                     | 7884         | 2.19        | 9.05                 |                             | 244.9              |                           | 79.3                |                               |
| -2°                 | 14328        | 3.98        | 3.3                  |                             | 162.3              | 400kW                     | 79.3                |                               |
|                     | 12240        | 3.4         | 6.6                  |                             | 250.7              |                           | 87.7                |                               |
|                     | 9360         | 2.6         | 9.45                 |                             | 303.6              |                           | 79.3                |                               |
| 0°                  | 15660        | 4.35        | 3.65                 |                             | 196.2              | 400kW                     | 79.3                |                               |
|                     | 13320        | 3.70        | 6.8                  |                             | 281.1              |                           | 87.7                |                               |
|                     | 9576         | 2.66        | 9.85                 |                             | 323.8              |                           | 79.3                |                               |
| +2°                 | 16812        | 4.67        | 4.18                 |                             | 241.2              | 400kW                     | 79.3                |                               |
|                     | 14760        | 4.1         | 6.8                  |                             | 311.5              |                           | 87.7                |                               |
|                     | 10440        | 2.9         | 10.13                |                             | 363                |                           | 79.3                |                               |
| +4°                 | 17640        | 4.9         | 4.95                 |                             | 299.7              | 400kW                     | 79.3                |                               |
|                     | 15480        | 4.3         | 7.0                  |                             | 339.8              |                           | 86.8                |                               |
|                     | 12780        | 3.55        | 9.5                  |                             | 392.9              |                           | 84.2                |                               |

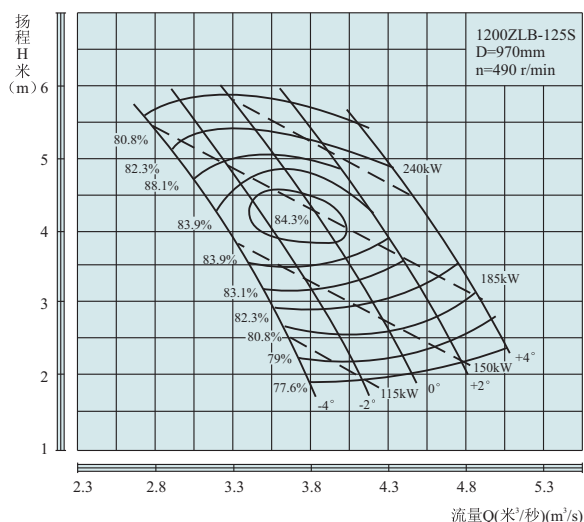


**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

1200ZLB-100S 性能曲线图  
1200ZLB-100S CHARACTERISTIC CURVES



1200ZLB-125S 性能曲线图  
1200ZLB-125S CHARACTERISTIC CURVES



1200ZLB-100S 工作性能表 1200ZLB-S CHARACTERISTIC DATA

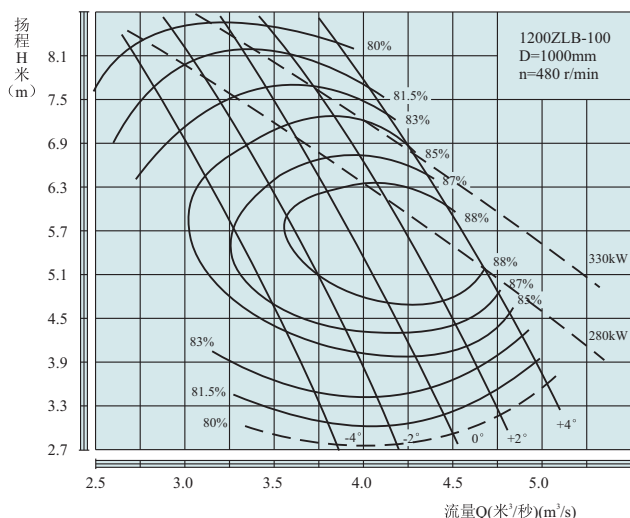
| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 11592        | 3.22        | 2.97                 | 490                         | 115.7              | 260kW                     | 81.0                | 970                           |
|                     | 10080        | 2.80        | 5.30                 |                             | 172.9              |                           | 84.1                |                               |
|                     | 8388         | 2.33        | 7.45                 |                             | 210.0              |                           | 81.0                |                               |
| -4°                 | 12888        | 3.58        | 2.80                 |                             | 121.3              | 260kW                     | 81.0                |                               |
|                     | 11448        | 3.18        | 5.00                 |                             | 180.1              |                           | 86.5                |                               |
|                     | 9000         | 2.50        | 8.05                 |                             | 243.5              |                           | 81.0                |                               |
| -2°                 | 13968        | 3.88        | 2.75                 |                             | 129.1              | 280kW                     | 81.0                |                               |
|                     | 12312        | 3.42        | 5.35                 |                             | 207.3              |                           | 86.5                |                               |
|                     | 9648         | 2.68        | 8.30                 |                             | 269.1              |                           | 81.0                |                               |
| 0°                  | 15120        | 4.20        | 2.88                 |                             | 146.3              | 280kW                     | 81.0                |                               |
|                     | 13176        | 3.66        | 5.50                 |                             | 225.9              |                           | 87.3                |                               |
|                     | 10656        | 2.96        | 8.40                 |                             | 300.8              |                           | 81.0                |                               |
| +2°                 | 16056        | 4.46        | 3.20                 |                             | 172.7              | 280kW                     | 81.0                |                               |
|                     | 14220        | 3.95        | 5.50                 |                             | 243.9              |                           | 87.3                |                               |
|                     | 11664        | 3.24        | 8.30                 |                             | 325.4              |                           | 81.0                |                               |
| +4°                 | 16884        | 4.69        | 3.55                 |                             | 201.4              | 280kW                     | 81.0                |                               |
|                     | 15912        | 4.24        | 5.50                 |                             | 261.8              |                           | 87.3                |                               |
|                     | 12816        | 3.56        | 8.05                 |                             | 346.7              |                           | 81.0                |                               |

1200ZLB-125S 工作性能表 1200ZLB-125S CHARACTERISTIC DATA

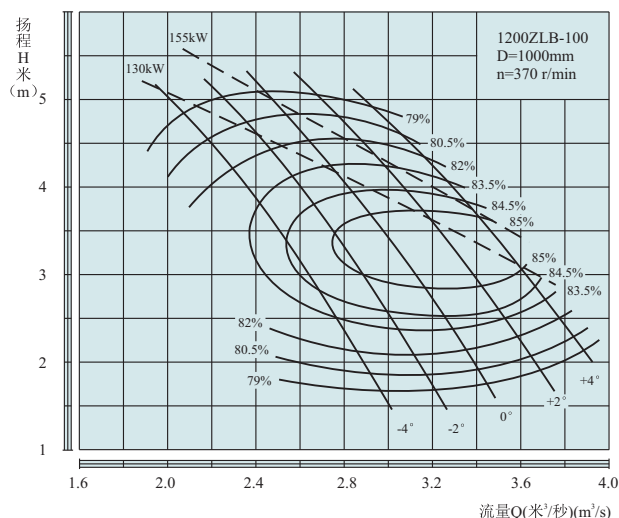
| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 13680        | 3.80        | 1.90                 | 490                         | 91.2               | 260kW                     | 77.6                | 970                           |
|                     | 11880        | 3.30        | 4.00                 |                             | 154.2              |                           | 83.9                |                               |
|                     | 9936         | 2.76        | 5.60                 |                             | 187.5              |                           | 80.8                |                               |
| -2°                 | 14760        | 4.10        | 1.95                 |                             | 101.0              | 260kW                     | 77.6                |                               |
|                     | 12600        | 3.50        | 4.25                 |                             | 172.9              |                           | 84.3                |                               |
|                     | 10656        | 2.96        | 5.90                 |                             | 211.8              |                           | 80.8                |                               |
| 0°                  | 15948        | 4.43        | 2.00                 |                             | 111.9              | 260kW                     | 77.6                |                               |
|                     | 13320        | 3.70        | 4.45                 |                             | 191.4              |                           | 84.3                |                               |
|                     | 11664        | 3.24        | 5.95                 |                             | 233.8              |                           | 80.8                |                               |
| +2°                 | 17100        | 4.75        | 2.20                 |                             | 132.0              | 280kW                     | 77.6                |                               |
|                     | 15120        | 4.20        | 4.22                 |                             | 207.0              |                           | 83.9                |                               |
|                     | 13320        | 3.70        | 5.75                 |                             | 258.0              |                           | 80.8                |                               |
| +4°                 | 18360        | 5.10        | 2.43                 |                             | 156.5              | 280kW                     | 77.6                |                               |
|                     | 16560        | 4.60        | 4.12                 |                             | 225.7              |                           | 82.3                |                               |
|                     | 15120        | 4.20        | 5.44                 |                             | 277.1              |                           | 80.8                |                               |

**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**

1200ZLB-100 性能曲线图 (高速)  
1200ZLB-100 CHARACTERISTIC CURVES(HIGH SPEED)



1200ZLB-100 性能曲线图 (低速)  
1200ZLB-100 CHARACTERISTIC CURVES(LOW SPEED)



1200ZLB-100 工作性能表 (高速) 1200ZLB-100 CHARACTERISTIC DATA ( HIGH SPEED )

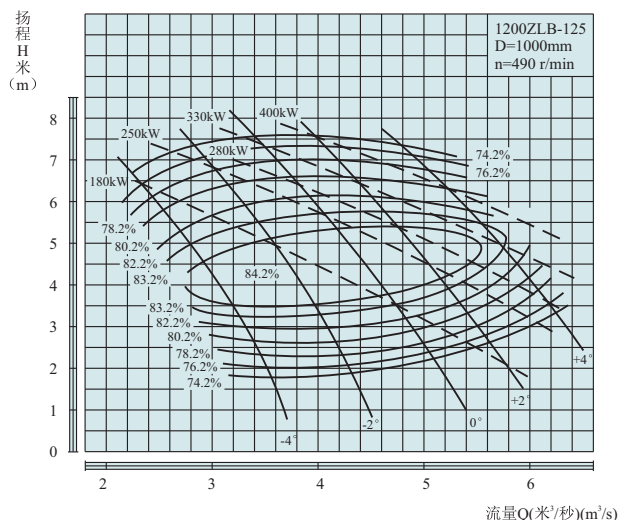
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                             | 效率 η<br>Eff.<br>(%)         | 叶轮直径<br>Impeller Dia.<br>(mm) |      |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|-----------------------------|-----------------------------|-------------------------------|------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power   |                             |                               |      |
| -4°                 | 11304        | 3138.7    | 6.43                 | 480                         | 232.7              | JSL-15-12<br>280kW<br>(6kV) | 85                          | 1000                          |      |
|                     | 12168        | 3380      | 5.00                 |                             | 209.6              |                             | 87.42                       |                               |      |
|                     | 13644        | 3790      | 3.17                 |                             | 144.0              |                             | 81.7                        |                               |      |
| -2°                 | 11952        | 3322.6    | 6.84                 |                             | 256                |                             | JSL-15-12<br>280kW<br>(6kV) |                               | 87   |
|                     | 13460        | 3738.7    | 5.11                 |                             | 212.7              |                             |                             |                               | 88   |
|                     | 14904        | 4140      | 3.07                 |                             | 152.3              |                             |                             |                               | 81.7 |
| 0°                  | 13865        | 3851.4    | 6.00                 |                             | 257.3              | JSL-15-12<br>330kW          |                             |                               | 88   |
|                     | 14566        | 4046.1    | 5.11                 |                             | 230.3              |                             |                             |                               | 88   |
|                     | 16020        | 4450      | 3.23                 |                             | 172.4              |                             |                             |                               | 81.7 |
| +2°                 | 13824        | 3840      | 7.21                 |                             | 311.9              |                             | JSL-15-12<br>330kW          |                               | 87   |
|                     | 15448        | 4291      | 5.43                 |                             | 259.5              |                             |                             |                               | 88   |
|                     | 17028        | 4732.6    | 3.53                 |                             | 200.4              |                             |                             |                               | 81.7 |
| +4°                 | 15624        | 4340.2    | 6.45                 | 313.8                       |                    | 87.42                       |                             |                               |      |
|                     | 16552        | 4597.8    | 5.42                 | 277.5                       |                    | 88                          |                             |                               |      |
|                     | 17964        | 4990.0    | 3.89                 | 232.8                       |                    | 81.7                        |                             |                               |      |

1200ZLB-100 工作性能表 (低速) 1200ZLB-100 CHARACTERISTIC DATA ( LOW SPEED )

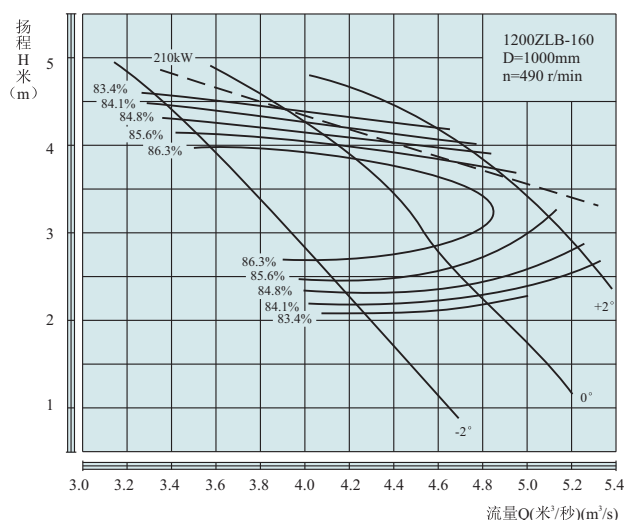
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 8714         | 2420.4    | 3.82                 | 370                         | 108.5              | JSL-14-16<br>130kW        | 83.5                | 1000                          |
|                     | 9527         | 2646.4    | 2.97                 |                             | 91.2               |                           | 84.5                |                               |
|                     | 10517        | 2920.3    | 1.88                 |                             | 66.8               |                           | 80.5                |                               |
| -2°                 | 9213         | 2561.2    | 4.06                 |                             | 122.0              |                           | 83.5                |                               |
|                     | 10379        | 2883.1    | 3.04                 |                             | 101.1              |                           | 85                  |                               |
|                     | 11489        | 3189.7    | 1.82                 |                             | 70.7               |                           | 80.5                |                               |
| 0°                  | 10650        | 2958.3    | 3.57                 |                             | 121.8              |                           | 85                  |                               |
|                     | 11228        | 3118.9    | 3.05                 |                             | 109.7              |                           | 85                  |                               |
|                     | 12349        | 3430.7    | 1.92                 |                             | 80.2               |                           | 80.5                |                               |
| +2°                 | 11908        | 3307.8    | 3.23                 |                             | 123.2              |                           | 85                  |                               |
|                     | 12553        | 3487.4    | 2.62                 |                             | 105.9              |                           | 84.5                |                               |
|                     | 13320        | 3700      | 1.90                 |                             | 87.2               |                           | 79                  |                               |

**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

1200ZLB-125 性能曲线图  
1200ZLB-125 CHARACTERISTIC CURVES



1200ZLB-160 性能曲线图  
1200ZLB-160 CHARACTERISTIC CURVES



1200ZLB-125 工作性能表 1200ZLB-125 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q<br>Capacity<br>米³/秒 (m³/s) | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |      |      |      |
|---------------------|--------------------------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|------|------|------|
|                     |                                |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |      |      |      |
| -4°                 | 2.79                           | 4.95                 | 490                         | 163                | 180kW                     | 83.2                | 1000                          |      |      |      |
|                     | 3.11                           | 3.84                 |                             | 139                |                           | 84.2                |                               |      |      |      |
|                     | 3.38                           | 2.67                 |                             | 110                |                           | 80.2                |                               |      |      |      |
| -2°                 | 3.30                           | 5.90                 |                             | 232                | 250kW                     | 82.2                |                               | 1000 |      |      |
|                     | 3.85                           | 3.98                 |                             | 179                |                           | 84.2                |                               |      |      |      |
|                     | 4.16                           | 2.60                 |                             | 132                |                           | 80.2                |                               |      |      |      |
| 0°                  | 4.17                           | 5.33                 |                             | 259                | 280kW★                    | 84.2                |                               |      | 1000 |      |
|                     | 4.53                           | 4.20                 |                             | 222                |                           | 84.2                |                               |      |      |      |
|                     | 4.91                           | 2.92                 |                             | 175                |                           | 80.2                |                               |      |      |      |
| +2°                 | 4.73                           | 5.50                 |                             | 307                | 330kW                     | 83.2                |                               |      |      | 1000 |
|                     | 5.03                           | 4.54                 |                             | 266                |                           | 84.2                |                               |      |      |      |
|                     | 5.52                           | 3.08                 |                             | 213                |                           | 78.2                |                               |      |      |      |
| +4°                 | 5.46                           | 5.71                 | 372                         | 400kW              | 82.2                      | 1000                |                               |      |      |      |
|                     | 5.72                           | 5.02                 | 339                         |                    | 83.2                      |                     |                               |      |      |      |
|                     | 6.07                           | 3.92                 | 298                         |                    | 78.2                      |                     |                               |      |      |      |

★ 0° 时扬程如不高于4.5m可配用250kW电机

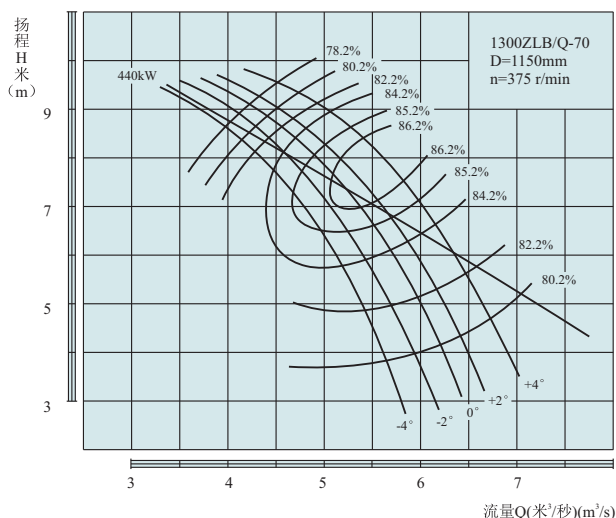
★ 250kW motor can be fitted if the head is not higher than 4.5m at 0°

1200ZLB-160 工作性能表 1200ZLB-160 CHARACTERISTIC DATA

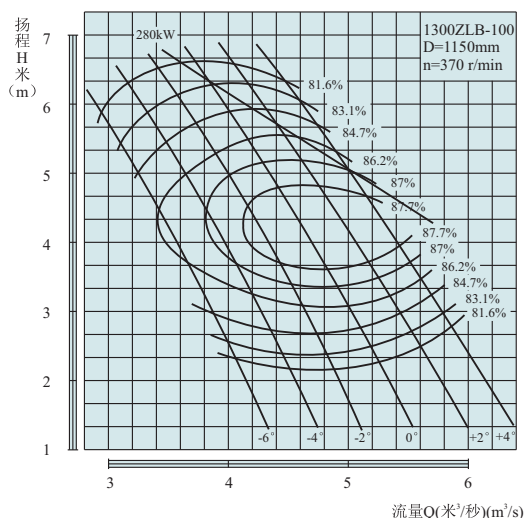
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                             | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|-----------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power   |                     |                               |
| -2°                 | 15386        | 4274      | 2.11                 | 490                         | 106.0              | JSL-14-12<br>210kW          | 83.4                | 1000                          |
|                     | 13968        | 3880      | 3.29                 |                             | 138.8              |                             | 86.6                |                               |
|                     | 12031        | 3342      | 4.59                 |                             | 180.3              |                             | 83.4                |                               |
| 0°                  | 17323        | 4812      | 2.21                 |                             | 125.0              |                             | 83.4                |                               |
|                     | 16222        | 4506      | 3.17                 |                             | 162.3              |                             | 86.6                |                               |
|                     | 14440        | 4011      | 4.26                 |                             | 200.3              |                             | 84.1                |                               |
| +2°                 | 19058        | 5294      | 2.63                 |                             | 162.3              | JSL-15-12<br>280kW<br>(6kV) | 84.1                |                               |
|                     | 18112        | 5031      | 3.43                 |                             | 197.6              |                             | 85.6                |                               |
|                     | 16402        | 4556      | 4.21                 |                             | 225.5              |                             | 83.4                |                               |

**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**

1300ZLB/Q-70 性能曲线图  
1300ZLB/Q-70 CHARACTERISTIC CURVES



1300ZLB-100 性能曲线图  
1300ZLB-100 CHARACTERISTIC CURVES

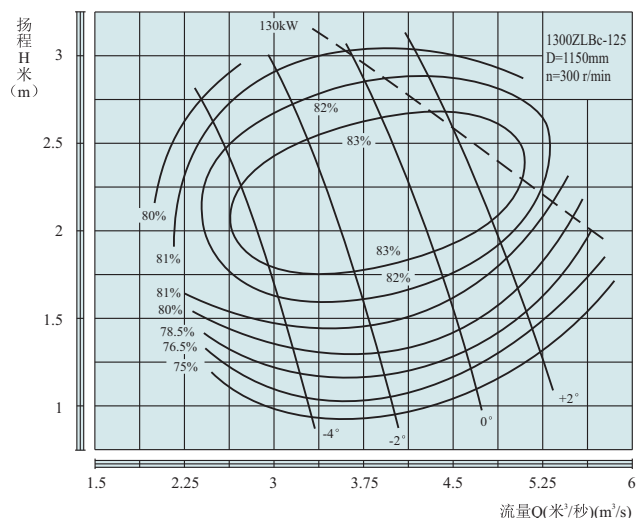
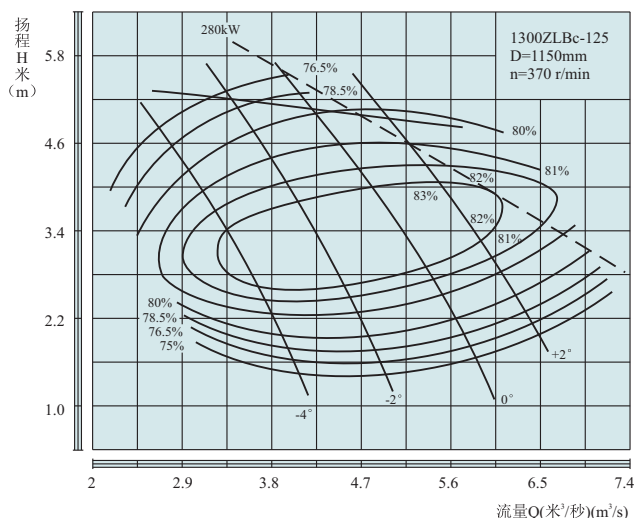


1300ZLB/Q-70 工作性能表 1300ZLB/Q-70 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                            | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|----------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power  |                     |                               |
| -4°                 | 20220        | 5616      | 3.81                 | 375                         | 262                | 440kW                      | 80.2                | 1150                          |
|                     | 17050        | 4735      | 7.00                 |                             | 381                |                            | 85.2                |                               |
|                     | 14890        | 4137      | 8.39                 |                             | 424                |                            | 80.2                |                               |
| -2°                 | 21265        | 5907      | 3.93                 |                             | 284                | TL500-16/<br>1730<br>500kW | 80.2                |                               |
|                     | 18095        | 5026      | 7.10                 |                             | 411                |                            | 85.2                |                               |
|                     | 14765        | 4101      | 8.85                 |                             | 455                |                            | 78.2                |                               |
| 0°                  | 22260        | 6184      | 4.18                 |                             | 316                |                            | 80.2                |                               |
|                     | 18830        | 5230      | 7.43                 |                             | 442                |                            | 86.2                |                               |
|                     | 15760        | 4378      | 8.85                 |                             | 474                |                            | 80.2                |                               |
| +2°                 | 23050        | 6403      | 4.36                 |                             | 341                |                            | 80.2                |                               |
|                     | 19405        | 5390      | 7.59                 |                             | 465                |                            | 86.2                |                               |
|                     | 17335        | 4815      | 8.57                 |                             | 480                |                            | 84.2                |                               |
| +4°                 | 24255        | 6738      | 4.72                 |                             | 389                | 560kW                      | 80.2                |                               |
|                     | 20270        | 5630      | 7.98                 |                             | 511                |                            | 86.2                |                               |
|                     | 16940        | 4705      | 9.30                 |                             | 535                |                            | 80.2                |                               |

1300ZLB-100 工作性能表 1300ZLB-100 CHARACTERISTIC DATA

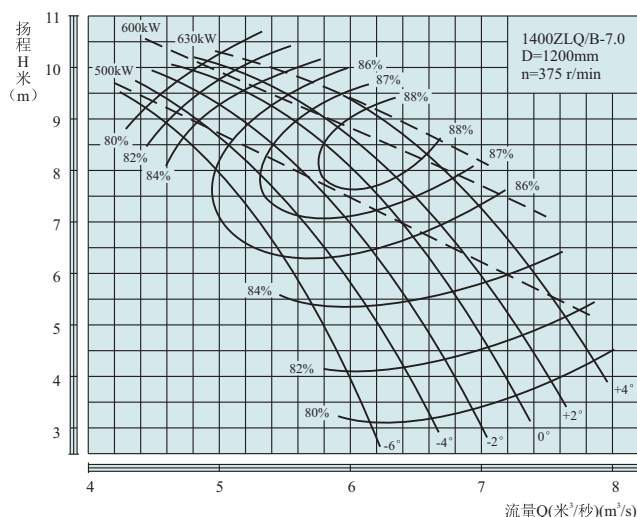
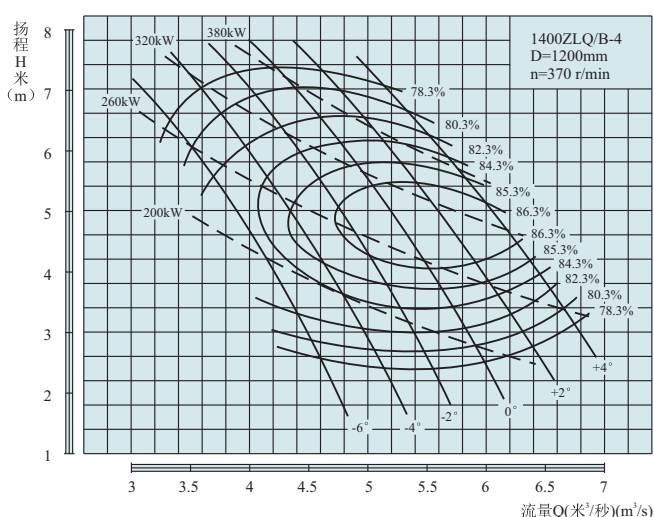
| 叶片安放角<br>Vane Angle | 流量Q<br>Capacity<br>米³/秒 (m³/s) | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                                              | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------------------------|----------------------|-----------------------------|--------------------|----------------------------------------------|---------------------|-------------------------------|
|                     |                                |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power                    |                     |                               |
| -6°                 | 2.95                           | 5.84                 | 370                         | 207                | YSL-15-16<br>280kW<br>或<br>YL630-16<br>280kW | 81.6                | 1150                          |
|                     | 3.42                           | 4.50                 |                             | 175                |                                              | 86.2                |                               |
|                     | 3.86                           | 3.05                 |                             | 137                |                                              | 84.7                |                               |
|                     | 4.25                           | 1.30                 |                             | 80                 |                                              | 68.0                |                               |
| -4°                 | 3.30                           | 6.00                 |                             | 236                |                                              | 82.5                |                               |
|                     | 3.85                           | 4.50                 |                             | 196                |                                              | 87.0                |                               |
|                     | 4.16                           | 3.25                 |                             | 154                |                                              | 86.2                |                               |
|                     | 4.72                           | 1.30                 |                             | 90                 |                                              | 67.5                |                               |
| -2°                 | 3.58                           | 6.15                 |                             | 260                |                                              | 83.1                |                               |
|                     | 4.15                           | 4.50                 |                             | 209                |                                              | 87.7                |                               |
|                     | 4.59                           | 3.10                 |                             | 162                |                                              | 86.2                |                               |
|                     | 5.10                           | 1.30                 |                             | 98                 |                                              | 67.0                |                               |
| 0°                  | 4.06                           | 5.84                 |                             | 275                |                                              | 84.7                |                               |
|                     | 4.50                           | 4.50                 |                             | 227                |                                              | 87.7                |                               |
|                     | 5.10                           | 2.77                 |                             | 164                |                                              | 84.7                |                               |
|                     | 5.52                           | 1.30                 |                             | 107                |                                              | 66.0                |                               |
| +2°                 | 4.50                           | 5.45                 |                             | 280                |                                              | 86.2                |                               |
|                     | 4.90                           | 4.50                 |                             | 245                |                                              | 87.7                |                               |
|                     | 5.42                           | 3.00                 |                             | 119                |                                              | 84.7                |                               |
|                     | 5.95                           | 1.30                 |                             | 117                |                                              | 65.0                |                               |
| +4°                 | 5.15                           | 4.70                 |                             | 271                |                                              | 87.7                |                               |
|                     | 5.22                           | 4.50                 |                             | 263                |                                              | 87.7                |                               |
|                     | 5.75                           | 3.00                 |                             | 169                |                                              | 83.1                |                               |
|                     | 6.35                           | 1.30                 |                             | 129                |                                              | 63.0                |                               |

**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**
**1300ZLBc-125 性能曲线图（低速）**
**1300ZLBc-125 CHARACTERISTIC CURVES(LOW SPED)**

**1300ZLBc-125 性能曲线图（高速）**
**1300ZLBc-125 CHARACTERISTIC CURVES(HIGH SPEED)**

**1300ZLBc-125 工作性能表（低速）**
**1300ZLBc-125 CHARACTERISTIC DATA(LOW SPEED)**

| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -2°                 | 14400        | 4.00        | 1                    | 300                         | 51.6               | 130kW                     | 76                  | 1150                          |
|                     | 13608        | 3.78        | 1.5                  |                             | 68.4               |                           | 81.3                |                               |
|                     | 12744        | 3.54        | 2                    |                             | 82.6               |                           | 84                  |                               |
|                     | 11880        | 3.30        | 2.5                  |                             | 97.4               |                           | 83                  |                               |
|                     | 10908        | 3.03        | 3                    |                             | 110.7              |                           | 80.5                |                               |
| 0°                  | 17208        | 4.78        | 1                    |                             | 63.7               |                           | 73.5                |                               |
|                     | 16344        | 4.54        | 1.5                  |                             | 83                 |                           | 80.4                |                               |
|                     | 15300        | 4.25        | 2                    |                             | 100                |                           | 83.5                |                               |
|                     | 14292        | 3.97        | 2.5                  |                             | 116.5              |                           | 83.5                |                               |
|                     | 12888        | 3.58        | 2.8                  |                             | 119.8              |                           | 82                  |                               |

**1300ZLBc-125 工作性能表（高速）**
**1300ZLBc-125 CHARACTERISTIC DATA(HIGH SPEED)**

| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -2°                 | 17787        | 4.94        | 1.5                  | 370                         | 96.2               | JSL-15-16<br>280kW        | 75.5                | 1150                          |
|                     | 17208        | 4.76        | 2                    |                             | 116.7              |                           | 80                  |                               |
|                     | 16740        | 4.65        | 2.5                  |                             | 139                |                           | 82                  |                               |
|                     | 15786        | 4.38        | 3                    |                             | 153.4              |                           | 84                  |                               |
|                     | 15012        | 4.17        | 3.5                  |                             | 171.4              |                           | 83.5                |                               |
|                     | 14328        | 3.98        | 4                    |                             | 189.2              |                           | 82.5                |                               |
| 0°                  | 21240        | 5.9         | 1.5                  |                             | 118                |                           | 73.5                |                               |
|                     | 20592        | 5.72        | 2                    |                             | 143.8              |                           | 78                  |                               |
|                     | 19836        | 5.51        | 2.5                  |                             | 166.7              |                           | 81                  |                               |
|                     | 19008        | 5.28        | 3                    |                             | 186                |                           | 83.5                |                               |
|                     | 18108        | 5.03        | 3.5                  |                             | 204.3              |                           | 84.5                |                               |
|                     | 17244        | 4.79        | 4                    |                             | 226.3              |                           | 83                  |                               |
| +2°                 | 23328        | 6.48        | 2                    |                             | 169.4              |                           | 75                  |                               |
|                     | 22464        | 6.24        | 2.5                  |                             | 191.2              |                           | 80                  |                               |
|                     | 21564        | 5.99        | 3                    |                             | 213.5              |                           | 82.5                |                               |
|                     | 20700        | 5.75        | 3.5                  |                             | 235                |                           | 84                  |                               |
|                     | 19836        | 5.51        | 4                    |                             | 260                |                           | 83.2                |                               |

**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**
**1400ZLQ/B-7.0 性能曲线图**  
1400ZLQ/B-7.0 CHARACTERISTIC CURVES

**1400ZLQ/B-4 性能曲线图**  
1400ZLQ/B-4 CHARACTERISTIC CURVES

**1400ZLQ/B-7.0 工作性能表 1400ZLQ/B-7.0 CHARACTERISTIC DATA**

| 叶片安放角<br>Vane Angle | 流量Q<br>Capacity<br>米 <sup>3</sup> /秒 (m <sup>3</sup> /s) | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|----------------------------------------------------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     |                                                          |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 5.98                                                     | 4.07                 | 375                         | 291                | 560kW                     | 82                  | 1200                          |
|                     | 5.12                                                     | 7.49                 |                             | 438                |                           | 86                  |                               |
|                     | 4.42                                                     | 9.12                 |                             | 495                |                           | 80                  |                               |
| -4°                 | 6.38                                                     | 4.15                 |                             | 317                |                           | 82                  |                               |
|                     | 5.38                                                     | 7.64                 |                             | 464                |                           | 87                  |                               |
|                     | 4.70                                                     | 9.14                 |                             | 514                |                           | 82                  |                               |
| -2°                 | 6.71                                                     | 4.28                 |                             | 344                | 630kW★                    | 82                  |                               |
|                     | 5.71                                                     | 7.73                 |                             | 498                |                           | 87                  |                               |
|                     | 4.83                                                     | 9.38                 |                             | 542                |                           | 82                  |                               |
| 0°                  | 7.03                                                     | 4.55                 |                             | 383                |                           | 82                  |                               |
|                     | 6.29                                                     | 7.19                 |                             | 510                |                           | 88                  |                               |
|                     | 5.08                                                     | 9.70                 |                             | 572                |                           | 80                  |                               |
| +2°                 | 7.27                                                     | 4.75                 |                             | 414                | 630kW                     | 82                  |                               |
|                     | 6.38                                                     | 7.70                 |                             | 554                |                           | 87                  |                               |
|                     | 5.12                                                     | 9.26                 |                             | 564                |                           | 88                  |                               |
| +4°                 | 6.85                                                     | 5.14                 |                             | 598                |                           | 80                  |                               |
|                     | 6.85                                                     | 7.70                 |                             | 471                |                           | 82                  |                               |
|                     | 6.40                                                     | 8.69                 |                             | 578                |                           | 86                  |                               |
|                     |                                                          |                      |                             | 620                |                           | 88                  |                               |

★ 0° 时扬程如不高于8.1m可配用560kW电机

★ 560kW motor can be fitted if the head is not higher than 8.1m at 0°

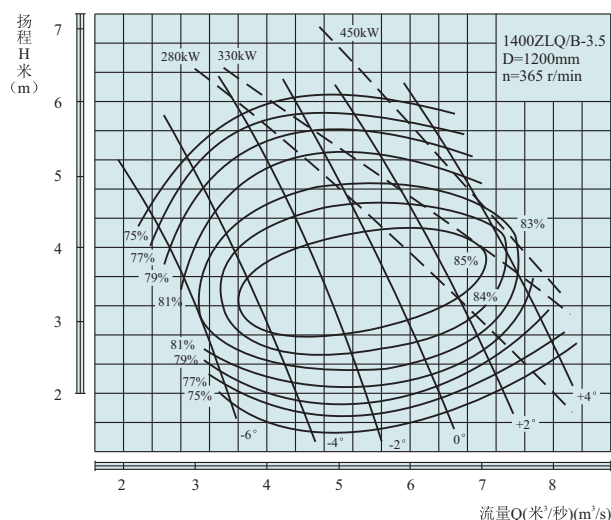
**1400ZLQ/B-4 工作性能表 1400ZLQ/B-4 CHARACTERISTIC DATA**

| 叶片安放角<br>Vane Angle | 流量Q<br>Capacity<br>米 <sup>3</sup> /秒 (m <sup>3</sup> /s) | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|----------------------------------------------------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     |                                                          |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 4.60                                                     | 2.60                 | 370                         | 150                | 280kW                     | 78.3                | 1200                          |
|                     | 4.08                                                     | 4.20                 |                             | 200                |                           | 84.3                |                               |
|                     | 3.51                                                     | 6.04                 |                             | 260                |                           | 80.3                |                               |
| -4°                 | 5.05                                                     | 2.71                 |                             | 167                |                           | 80.3                |                               |
|                     | 4.66                                                     | 4.04                 |                             | 217                |                           | 85.3                |                               |
|                     | 4.16                                                     | 5.51                 |                             | 267                |                           | 84.3                |                               |
| -2°                 | 5.50                                                     | 2.64                 |                             | 177                | 330kW                     | 80.3                |                               |
|                     | 5.17                                                     | 3.75                 |                             | 223                |                           | 85.3                |                               |
|                     | 4.74                                                     | 5.00                 |                             | 269                |                           | 86.3                |                               |
| 0°                  | 6.00                                                     | 2.50                 |                             | 321                |                           | 82.3                |                               |
|                     | 5.70                                                     | 3.40                 |                             | 190                | 400kW                     | 78.3                |                               |
|                     | 5.40                                                     | 4.40                 |                             | 269                |                           | 84.3                |                               |
| +2°                 | 6.04                                                     | 5.30                 |                             | 304                |                           | 86.3                |                               |
|                     | 4.92                                                     | 5.71                 |                             | 323                |                           | 82.3                |                               |
|                     | 6.38                                                     | 4.77                 |                             | 221                |                           | 78.3                |                               |
| +4°                 | 6.41                                                     | 3.07                 |                             | 244                | 400kW                     | 80.3                |                               |
|                     | 5.28                                                     | 5.75                 |                             | 349                |                           | 86.3                |                               |
|                     | 4.94                                                     | 6.56                 |                             | 386                |                           | 82.3                |                               |
|                     | 6.72                                                     | 3.13                 |                             | 264                |                           | 78.3                |                               |
|                     | 6.23                                                     | 4.41                 |                             | 312                |                           | 86.3                |                               |
|                     | 5.96                                                     | 5.10                 |                             | 346                |                           | 86.3                |                               |
|                     | 5.65                                                     | 5.85                 |                             | 385                |                           | 84.3                |                               |

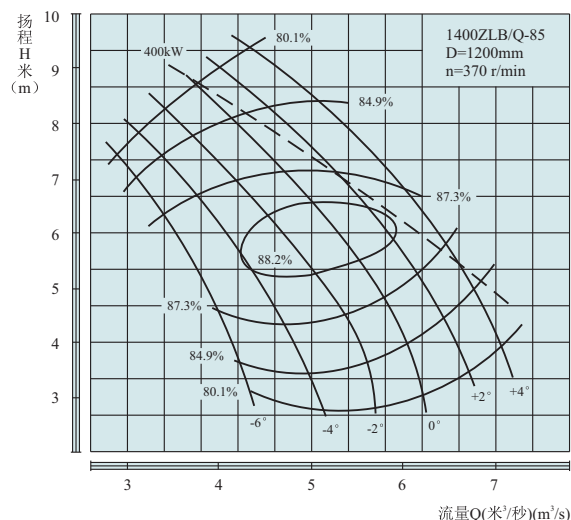


**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

1400ZLQ/B-3.5 性能曲线图  
1400ZLQ/B-3.5 CHARACTERISTIC CURVES



1400ZLB/Q-85 性能曲线图  
1400ZLB/Q-85 CHARACTERISTIC CURVES



1400ZLQ/B-3.5 工作性能表 1400ZLQ/B-3.5 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 8582.4       | 2384      | 4.58                 | 365                         | 142.7              | JSL-15-16<br>280kW        | 75                  | 1200                          |
|                     | 11541.6      | 3206      | 2.84                 |                             | 107.5              |                           | 83                  |                               |
|                     | 12585.6      | 3496      | 1.91                 |                             | 87.3               |                           | 75                  |                               |
| -4°                 | 10440        | 2900      | 5.29                 |                             | 200.4              |                           | 75                  |                               |
|                     | 13514.4      | 3754      | 3.65                 |                             | 158.0              |                           | 85                  |                               |
|                     | 16527.6      | 4591      | 1.47                 |                             | 88.2               |                           | 75                  |                               |
| -2°                 | 14151.6      | 3931      | 5.40                 |                             | 263.3              | 330kW                     | 79                  |                               |
|                     | 16354.8      | 4543      | 4.06                 |                             | 212.7              |                           | 85                  |                               |
|                     | 20066.4      | 5574      | 1.52                 |                             | 110.7              |                           | 75                  |                               |
| 0°                  | 17398.38     | 4833      | 5.25                 |                             | 307.0              |                           | 81                  |                               |
|                     | 21202.4      | 5840      | 3.51                 |                             | 232.1              |                           | 86.54               |                               |
|                     | 23605.2      | 6557      | 1.77                 |                             | 151.7              |                           | 75                  |                               |
| +2°                 | 18385.2      | 5107      | 6.04                 |                             | 403.1              | 450kW                     | 75                  |                               |
|                     | 22154.4      | 6154      | 4.30                 |                             | 305.1              |                           | 85                  |                               |
|                     | 26215.2      | 7282      | 2.08                 |                             | 197.9              |                           | 75                  |                               |
| +4°                 | 24357.6      | 6766      | 5.02                 |                             | 410.9              |                           | 81                  |                               |
|                     | 26564.4      | 7379      | 3.92                 |                             | 378.0              |                           | 84                  |                               |
|                     | 28940.4      | 8039      | 2.69                 |                             | 282.6              |                           | 75                  |                               |

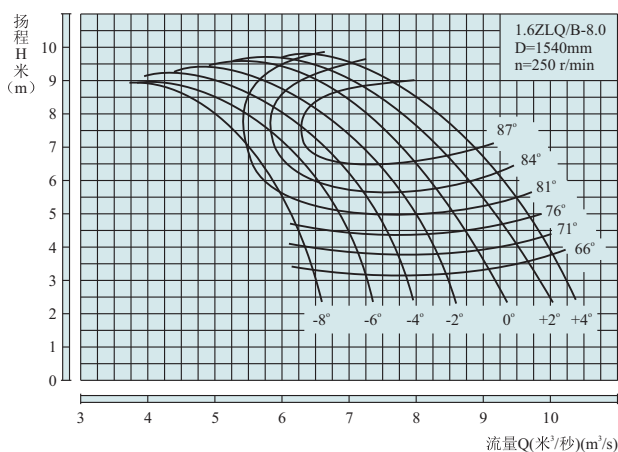
1400ZLB/Q-85 工作性能表 1400ZLB/Q-85 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 15840        | 4.4         | 2.8                  | 370                         | 150.7              | 400kW                     | 80.1                | 1200                          |
|                     | 13320        | 3.7         | 5.5                  |                             | 228.4              |                           | 87.3                |                               |
|                     | 10440        | 2.9         | 7.5                  |                             | 266.1              |                           | 80.1                |                               |
| -4°                 | 18360        | 5.1         | 2.8                  |                             | 174.7              |                           | 80.1                |                               |
|                     | 15480        | 4.3         | 5.6                  |                             | 267.6              |                           | 88.2                |                               |
|                     | 11160        | 3.1         | 7.9                  |                             | 299.6              |                           | 80.1                |                               |
| -2°                 | 20520        | 5.7         | 2.9                  |                             | 202.2              | 560kW                     | 80.1                |                               |
|                     | 17640        | 4.9         | 5.8                  |                             | 315.8              |                           | 88.2                |                               |
|                     | 13320        | 3.7         | 8.2                  |                             | 371.2              |                           | 80.1                |                               |
| 0°                  | 22320        | 6.2         | 3.2                  |                             | 242.7              |                           | 80.1                |                               |
|                     | 19080        | 5.3         | 5.9                  |                             | 347.4              |                           | 88.2                |                               |
|                     | 13680        | 3.8         | 8.6                  |                             | 399.8              |                           | 80.1                |                               |
| +2°                 | 24120        | 6.7         | 3.6                  |                             | 295.1              |                           | 80.1                |                               |
|                     | 21240        | 5.9         | 5.9                  |                             | 386.8              |                           | 88.2                |                               |
|                     | 14760        | 4.1         | 8.8                  |                             | 441.4              |                           | 80.1                |                               |
| +4°                 | 25200        | 7.0         | 4.3                  |                             | 368.3              |                           | 80.1                |                               |
|                     | 21960        | 6.1         | 6.1                  |                             | 417.7              |                           | 87.3                |                               |
|                     | 16200        | 4.5         | 9.0                  |                             | 495.5              |                           | 80.1                |                               |

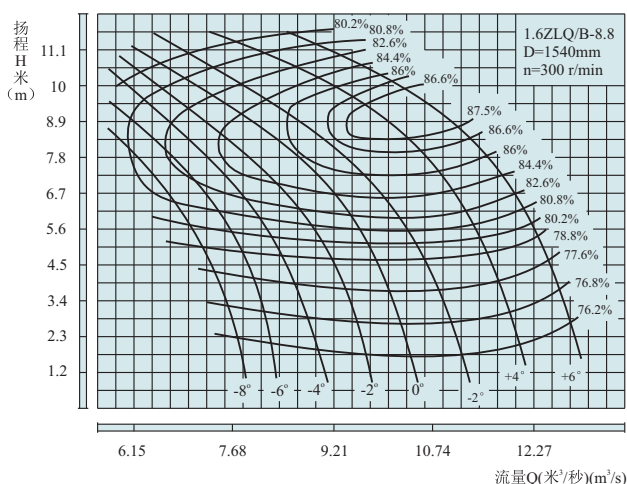


**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**

1.6ZLQ/B-8.0 性能曲线图  
1.6ZLQ/B-8.0 CHARACTERISTIC CURVES



1.6ZLQ/B-8.8 性能曲线图  
1.6ZLQ/B-8.8 CHARACTERISTIC CURVES



1.6ZLQ/B-8.0 工作性能表  
1.6ZLQ/B-8.0 CHARACTERISTIC DATA

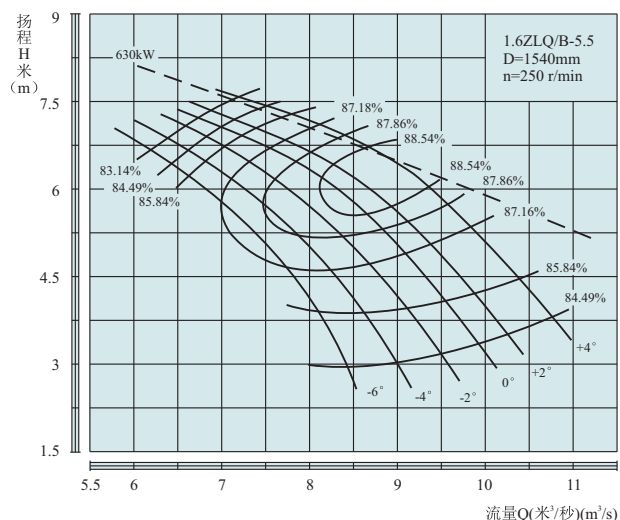
| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H Head<br>米 (m) | 转速n Speed<br>转/分 (r/min) | 功率N Power (kW)  |                      | 效率η Eff. (%) | 叶轮直径 Impeller Dia. (mm) |
|---------------------|--------------|-------------|-------------------|--------------------------|-----------------|----------------------|--------------|-------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                   |                          | 轴功率 Shaft Power | 电机功率 Motor power(kw) |              |                         |
| -8°                 | 16416        | 4.56        | 8.5               | 250                      | 528             |                      | 72           | 1540                    |
|                     | 20520        | 5.70        | 6.5               |                          | 444             | 560                  | 82           |                         |
|                     | 23400        | 6.50        | 3.0               |                          | 320             |                      | 60           |                         |
| -6°                 | 17856        | 4.96        | 8.5               |                          | 540             |                      | 76.5         |                         |
|                     | 22320        | 6.20        | 6.7               |                          | 480             | 630                  | 85           |                         |
|                     | 25920        | 7.20        | 3.2               |                          | 342             |                      | 66           |                         |
| -4°                 | 18720        | 5.20        | 8.8               |                          | 568             |                      | 79           |                         |
|                     | 23400        | 6.50        | 7.2               |                          | 526             | 630                  | 87.2         |                         |
|                     | 27900        | 7.75        | 3.4               |                          | 364             |                      | 71           |                         |
| -2°                 | 10160        | 5.60        | 9.1               |                          | 618             |                      | 80.9         |                         |
|                     | 25200        | 7.00        | 7.3               |                          | 572             | 710                  | 87.5         |                         |
|                     | 30060        | 8.35        | 3.5               |                          | 416             |                      | 69           |                         |
| 0°                  | 21600        | 6.00        | 9.34              |                          | 673             |                      | 81.5         |                         |
|                     | 26100        | 7.25        | 8.0               |                          | 643             | 800                  | 88           |                         |
|                     | 32220        | 8.95        | 3.6               |                          | 440             |                      | 66           |                         |
| +2°                 | 21600        | 6.00        | 9.7               |                          | 714             |                      | 80           |                         |
|                     | 28800        | 8.00        | 7.5               |                          | 668             | 800                  | 88           |                         |
|                     | 34560        | 9.60        | 3.8               |                          | 530             |                      | 67.5         |                         |
| +4°                 | 23400        | 6.50        | 9.82              |                          | 774             |                      | 81           |                         |
|                     | 29700        | 8.25        | 8.0               |                          | 735             | 900                  | 88           |                         |
|                     | 35280        | 9.80        | 4.0               |                          | 565             |                      | 68           |                         |

1.6ZLQ/B-8.8 工作性能表  
1.6ZLQ/B-8.8 CHARACTERISTIC DATA

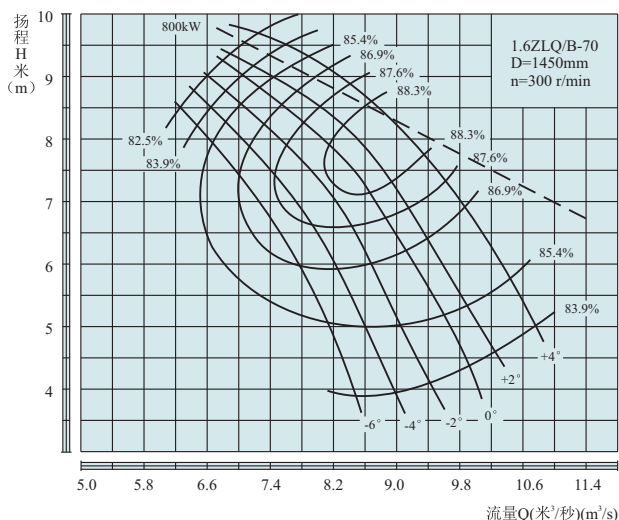
| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H Head<br>米 (m) | 转速n Speed<br>转/分 (r/min) | 功率N Power (kW)  |                      | 效率η Eff. (%) | 叶轮直径 Impeller Dia. (mm) |
|---------------------|--------------|-------------|-------------------|--------------------------|-----------------|----------------------|--------------|-------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                   |                          | 轴功率 Shaft Power | 电机功率 Motor power(kw) |              |                         |
| -6°                 | 21744        | 6.040       | 9.5               | 300                      | 698             |                      | 80.5         | 1540                    |
|                     | 24624        | 6.840       | 7.5               |                          | 620             | 750                  | 82.8         |                         |
|                     | 28170        | 7.825       | 5.2               |                          | 512             |                      | 79.4         |                         |
| -4°                 | 21024        | 5.840       | 10.3              |                          | 761             |                      | 79           |                         |
|                     | 26114        | 7.254       | 7.8               |                          | 672             | 800                  | 83.5         |                         |
|                     | 30100        | 8.361       | 5.0               |                          | 536             |                      | 78           |                         |
| -2°                 | 23238        | 6.455       | 10.2              |                          | 817             |                      | 80.5         |                         |
|                     | 27443        | 7.623       | 8.3               |                          | 740             | 870                  | 85.5         |                         |
|                     | 32753        | 9.098       | 4.9               |                          | 567             |                      | 78.6         |                         |
| 0°                  | 24347        | 6.763       | 10.5              |                          | 893             |                      | 79.5         |                         |
|                     | 28843        | 8.012       | 8.8               |                          | 820             | 1000                 | 85.5         |                         |
|                     | 35410        | 9.836       | 4.7               |                          | 588             |                      | 78.6         |                         |
| +2°                 | 26114        | 7.254       | 10.6              |                          | 939             |                      | 81.9         |                         |
|                     | 31205        | 8.668       | 8.9               |                          | 888             | 1000                 | 86.4         |                         |
|                     | 37181        | 10.328      | 5.5               |                          | 696             |                      | 81.7         |                         |
| +4°                 | 29657        | 8.238       | 10.9              |                          | 1096            |                      | 81.9         |                         |
|                     | 36961        | 10.267      | 8.4               |                          | 980             | 1200                 | 87.2         |                         |
|                     | 42051        | 11.681      | 4.9               |                          | 728             |                      | 78.6         |                         |
| +6°                 | 33311        | 9.253       | 11.0              |                          | 1258            |                      | 81           |                         |
|                     | 40698        | 11.305      | 7.8               |                          | 1025            | 1300                 | 86           |                         |
|                     | 45792        | 12.720      | 4.0               |                          | 665             |                      | 77           |                         |

**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

1.6ZLQ/B-5.5 性能曲线图  
1.6ZLQ/B-5.5 CHARACTERISTIC CURVES



1.6ZLQ/B-70 性能曲线图  
1.6ZLQ/B-70 CHARACTERISTIC CURVES



1.6ZLQ/B-5.5 工作性能表 1.6ZLQ/B-5.5 CHARACTERISTIC DATA

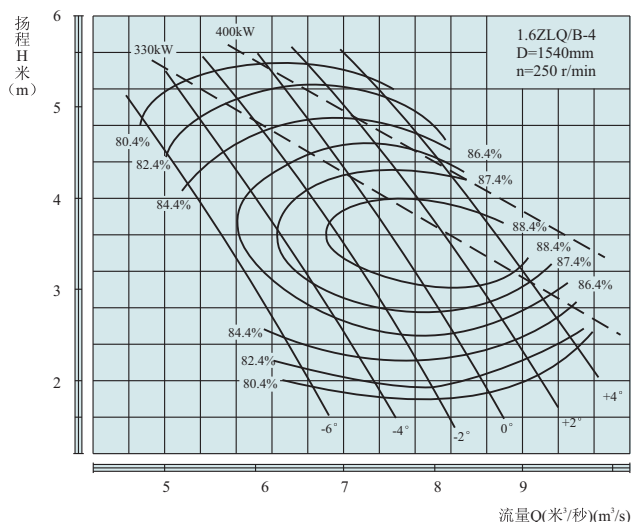
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                                     | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|-------------------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power           |                     |                               |
| -6°                 | 29050        | 8069.5    | 3.92                 | 250                         | 361.3              | 630kW                               | 85.84               | 1540                          |
|                     | 25994        | 7220.6    | 5.48                 |                             | 445.0              |                                     | 87.18               |                               |
|                     | 23845        | 6623.5    | 6.22                 |                             | 470.5              |                                     | 85.84               |                               |
|                     | 22417        | 6227.0    | 6.85                 |                             | 489.8              |                                     | 83.14               |                               |
| -4°                 | 30981        | 8605.9    | 3.90                 |                             | 383.3              |                                     | 85.84               |                               |
|                     | 28295        | 7859.6    | 5.19                 |                             | 458.7              |                                     | 87.18               |                               |
|                     | 27287        | 7579.7    | 5.59                 |                             | 472.8              |                                     | 87.86               |                               |
|                     | 23047        | 6402.0    | 6.88                 |                             | 519.4              |                                     | 83.14               |                               |
| -2°                 | 32619        | 9060.7    | 3.92                 |                             | 405.7              | TL800-24/<br>2150<br>800kW<br>(6KV) | 85.84               |                               |
|                     | 30309        | 8419.3    | 5.15                 |                             | 483.8              |                                     | 87.86               |                               |
|                     | 28966        | 8046.2    | 5.66                 |                             | 508.2              |                                     | 87.86               |                               |
|                     | 24516        | 6810.1    | 6.87                 |                             | 542.9              |                                     | 84.49               |                               |
| 0°                  | 32493        | 9025.7    | 5.00                 |                             | 506.1              |                                     | 87.42               |                               |
|                     | 31233        | 8675.9    | 5.53                 |                             | 531.3              |                                     | 88.54               |                               |
|                     | 30142        | 8372.7    | 5.92                 |                             | 548.8              |                                     | 88.54               |                               |
|                     | 26195        | 7276.5    | 6.89                 |                             | 572.6              |                                     | 85.84               |                               |
| +2°                 | 33752        | 9375.5    | 5.01                 |                             | 528.2              |                                     | 87.18               |                               |
|                     | 33493        | 9025.7    | 5.50                 |                             | 552.4              |                                     | 88.11               |                               |
|                     | 29848        | 8291.2    | 6.39                 |                             | 586.6              |                                     | 88.54               |                               |
|                     | 25692        | 7136.6    | 7.17                 |                             | 593.8              |                                     | 84.49               |                               |
| +4°                 | 36103        | 10028.6   | 5.00                 |                             | 576.2              |                                     | 86.67               |                               |
|                     | 34843        | 9678.7    | 5.50                 |                             | 596.3              |                                     | 87.52               |                               |
|                     | 31149        | 8652.6    | 6.55                 |                             | 627.5              |                                     | 88.54               |                               |
|                     | 25902        | 7194.9    | 7.55                 |                             | 640.6              |                                     | 83.14               |                               |

1.6ZLQ/B-70 工作性能表 1.6ZLQ/B-70 CHARACTERISTIC DATA

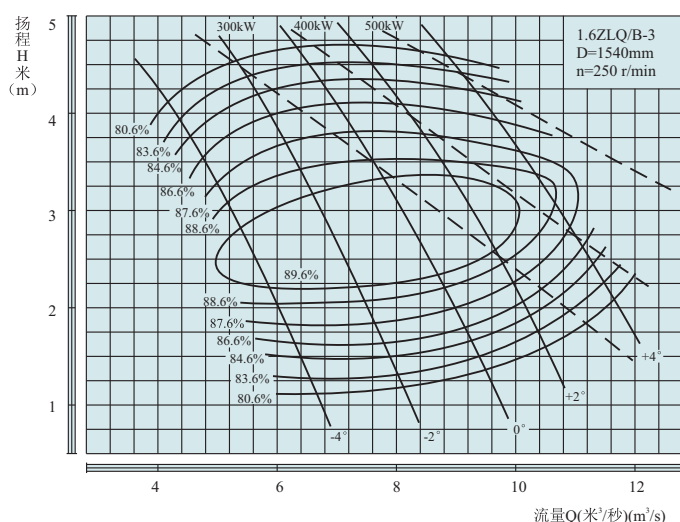
| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                            | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|----------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power  |                     |                               |
| 0°                  | 34632        | 9.62        | 5.0                  | 300                         | 553.5              | TL800-20/<br>2150<br>800kW | 85.2                | 1450                          |
|                     | 31320        | 8.7         | 7.0                  |                             | 676.9              |                            | 88.2                |                               |
|                     | 27180        | 7.55        | 8.5                  |                             | 724.8              |                            | 86.8                |                               |
| +2°                 | 35640        | 9.9         | 5.2                  |                             | 591                |                            | 85.4                |                               |
|                     | 32580        | 9.05        | 7.0                  |                             | 707.4              |                            | 87.8                |                               |
|                     | 28620        | 7.95        | 8.5                  |                             | 758                |                            | 87.4                |                               |

**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**

1.6ZLQ/B-4 性能曲线图  
1.6ZLQ/B-4 CHARACTERISTIC CURVES



1.6ZLQ/B-3 性能曲线图  
1.6ZLQ/B-3 CHARACTERISTIC CURVES



1.6ZLQ/B-4 工作性能表 1.6ZLQ/B-4 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q<br>Capacity<br>米³/秒 (m³/s) | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------------------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     |                                |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 6.57                           | 1.95                 | 250                         | 156                | 330kW                     | 80.4                | 1540                          |
|                     | 5.83                           | 3.16                 |                             | 209                |                           | 86.4                |                               |
|                     | 5.01                           | 4.54                 |                             | 270                |                           | 82.4                |                               |
| -4°                 | 7.22                           | 2.04                 |                             | 175                | 400kW                     | 82.4                |                               |
|                     | 6.53                           | 3.21                 |                             | 235                |                           | 87.5                |                               |
|                     | 5.11                           | 5.26                 |                             | 327                |                           | 80.4                |                               |
| -2°                 | 7.95                           | 1.79                 |                             | 174                |                           | 80.4                |                               |
|                     | 7.11                           | 3.29                 |                             | 260                |                           | 88.1                |                               |
|                     | 5.79                           | 5.11                 |                             | 352                |                           | 82.4                |                               |
| 0°                  | 8.46                           | 2.08                 |                             | 209                | 450kW                     | 82.4                |                               |
|                     | 7.69                           | 3.31                 |                             | 281                |                           | 88.7                |                               |
|                     | 6.56                           | 4.89                 |                             | 372                |                           | 84.4                |                               |
| +2°                 | 9.00                           | 2.27                 |                             | 243                |                           | 82.4                |                               |
|                     | 8.16                           | 3.49                 |                             | 276                |                           | 89.4                |                               |
|                     | 7.29                           | 4.63                 |                             | 383                |                           | 86.4                |                               |
| +4°                 | 9.59                           | 2.35                 |                             | 275                | 500kW                     | 80.4                |                               |
|                     | 8.74                           | 3.48                 |                             | 336                |                           | 88.6                |                               |
|                     | 7.80                           | 4.68                 |                             | 423                |                           | 84.4                |                               |

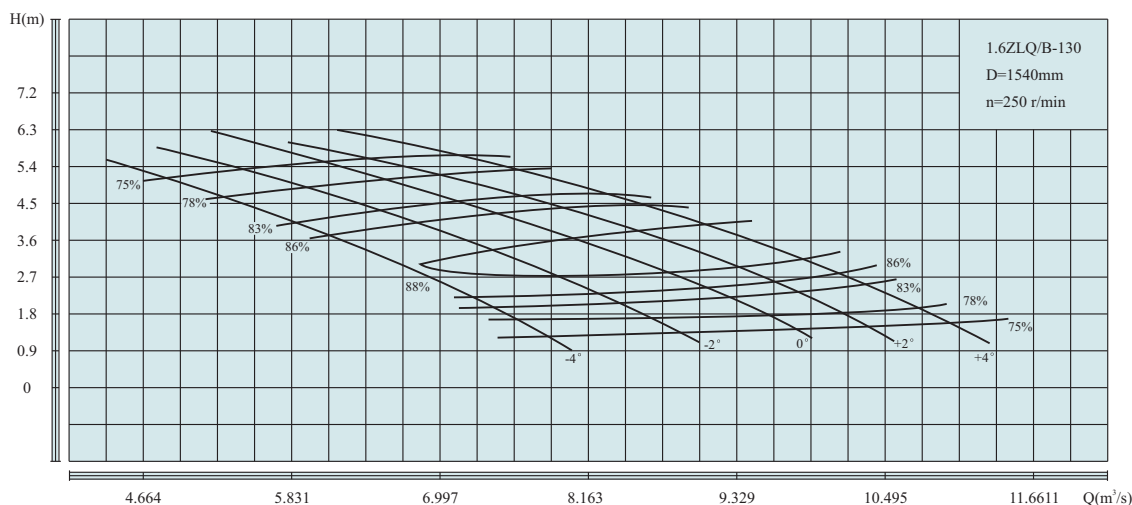
1.6ZLQ/B-3 工作性能表 1.6ZLQ/B-3 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 15700        | 4.36        | 3.93                 | 250                         | 200.9              | 300kW                     | 83.6                | 1540                          |
|                     | 19500        | 5.43        | 2.82                 |                             | 167.5              |                           | 89.6                |                               |
|                     | 21200        | 5.90        | 2.19                 |                             | 141.3              |                           | 89.6                |                               |
|                     | 23500        | 6.53        | 1.29                 |                             | 98.7               |                           | 83.6                |                               |
| -2°                 | 19700        | 5.48        | 4.37                 |                             | 280.7              | 400kW                     | 83.6                |                               |
|                     | 23700        | 6.58        | 3.13                 |                             | 225.3              |                           | 89.6                |                               |
|                     | 26400        | 7.32        | 2.19                 |                             | 175.3              |                           | 89.6                |                               |
|                     | 28700        | 7.98        | 1.31                 |                             | 122.5              |                           | 83.6                |                               |
| 0°                  | 23600        | 6.55        | 4.50                 |                             | 345.5              | 500kW                     | 83.6                |                               |
|                     | 28000        | 7.77        | 3.29                 |                             | 279.6              |                           | 89.6                |                               |
|                     | 30400        | 8.45        | 2.71                 |                             | 250.5              |                           | 89.6                |                               |
|                     | 33800        | 9.38        | 1.49                 |                             | 163.8              |                           | 83.6                |                               |
| +2°                 | 29800        | 8.28        | 3.90                 |                             | 378.5              | 500kW                     | 83.6                |                               |
|                     | 32100        | 8.91        | 3.32                 |                             | 323.5              |                           | 89.6                |                               |
|                     | 33900        | 9.42        | 2.80                 |                             | 288.5              |                           | 89.6                |                               |
|                     | 35700        | 9.92        | 2.20                 |                             | 241.4              |                           | 88.6                |                               |
| +4°                 | 37400        | 10.40       | 1.75                 |                             | 213.3              |                           | 83.6                |                               |
|                     | 34000        | 9.45        | 4.15                 |                             | 459.7              |                           | 83.6                |                               |
|                     | 38400        | 10.68       | 3.03                 |                             | 353.9              |                           | 89.6                |                               |
|                     | 40000        | 11.12       | 2.62                 |                             | 318.7              |                           | 89.6                |                               |
|                     | 41400        | 11.50       | 2.23                 |                             | 300.6              |                           | 83.6                |                               |

## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 性能曲线和性能参数表 Property curve and performance data

1.6ZLQ/B-130 性能曲线图  
1.6ZLQ/B-130 CHARACTERISTIC CURVES

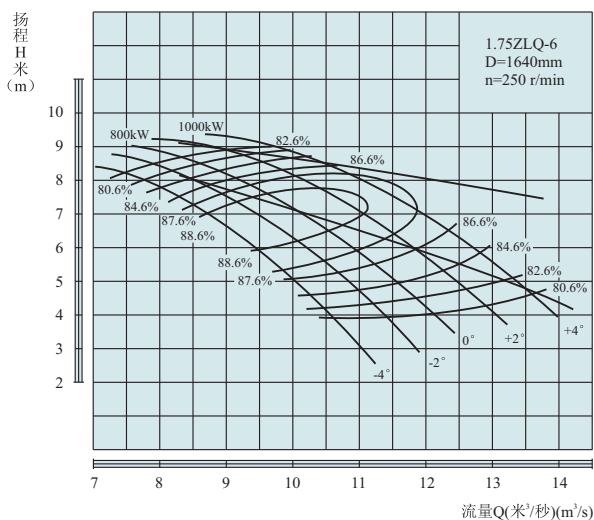


1.6ZLQ/B-130 工作性能表 1.6ZLQ/B-130 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q<br>Capacity<br>米³/秒 (m³/s) | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------------------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     |                                |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 4.518                          | 5.31                 | 250                         | 322                | 400kW                     | 74.5                | 1540                          |
|                     | 6.577                          | 3.16                 |                             | 252                |                           | 87.2                |                               |
|                     | 7.434                          | 1.80                 |                             | 168                |                           | 82.5                |                               |
| -2°                 | 5.248                          | 5.55                 |                             | 424                | 560kW                     | 75                  |                               |
|                     | 7.607                          | 2.95                 |                             | 269                |                           | 88.5                |                               |
|                     | 8.455                          | 1.80                 |                             | 203                |                           | 81.5                |                               |
| 0°                  | 5.685                          | 5.70                 |                             | 466                | 630kW                     | 74.6                |                               |
|                     | 8.637                          | 2.95                 |                             | 305                |                           | 88.5                |                               |
|                     | 9.450                          | 1.81                 |                             | 224                |                           | 79.5                |                               |
| +2°                 | 6.560                          | 5.50                 |                             | 526                |                           | 76.5                |                               |
|                     | 8.963                          | 2.92                 |                             | 312                |                           | 88                  |                               |
|                     | 10.060                         | 1.70                 |                             | 230                |                           | 78.5                |                               |
| +4°                 | 6.706                          | 5.80                 | 580                         | 710kW              | 74.5                      |                     |                               |
|                     | 9.264                          | 3.702                | 410                         |                    | 88.5                      |                     |                               |
|                     | 11.010                         | 1.65                 | 248                         |                    | 76.8                      |                     |                               |

### 性能曲线和性能参数表 Property curve and performance data

1.75ZLQ-6 性能曲线图  
1.75ZLQ-6 CHARACTERISTIC CURVES



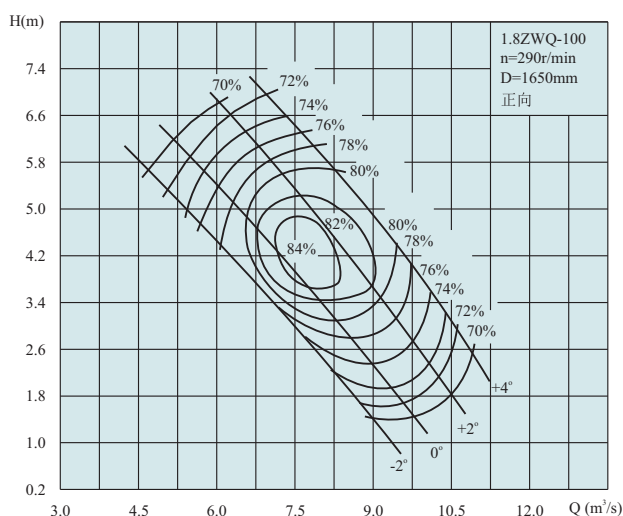
1.75ZLQ-6 工作性能表 1.75ZLQ-6 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q<br>Capacity<br>米³/秒 (m³/s) | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                              | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------------------------|----------------------|-----------------------------|--------------------|------------------------------|---------------------|-------------------------------|
|                     |                                |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power    |                     |                               |
| -4°                 | 10.41                          | 4.16                 | 250                         | 513.8              | TL1000-24/<br>2150<br>1000kW | 82.6                | 1640                          |
|                     | 9.96                           | 5.03                 |                             | 566.9              |                              | 86.6                |                               |
|                     | 9.47                           | 5.88                 |                             | 615.6              |                              | 88.6                |                               |
|                     | 8.75                           | 6.95                 |                             | 672.6              |                              | 88.6                |                               |
|                     | 8.53                           | 7.20                 |                             | 686.7              |                              | 87.6                |                               |
|                     | 8.01                           | 7.71                 |                             | 715.4              |                              | 84.6                |                               |
| -2°                 | 11.15                          | 4.25                 |                             | 562.2              |                              | 82.6                |                               |
|                     | 10.72                          | 5.24                 |                             | 628.6              |                              | 86.6                |                               |
|                     | 10.05                          | 6.14                 |                             | 683.5              |                              | 86.6                |                               |
|                     | 9.21                           | 7.32                 |                             | 745.7              |                              | 88.6                |                               |
|                     | 8.95                           | 7.57                 |                             | 758                |                              | 87.6                |                               |
|                     | 8.43                           | 8.02                 |                             | 783.2              |                              | 84.6                |                               |
| 0°                  | 12.02                          | 4.09                 |                             | 597.7              |                              | 80.6                |                               |
|                     | 11.49                          | 4.92                 |                             | 654.8              |                              | 84.8                |                               |
|                     | 10.92                          | 5.85                 |                             | 714.7              |                              | 87.6                |                               |
|                     | 10.2                           | 6.8                  |                             | 764                |                              | 89                  |                               |
|                     | 9.66                           | 7.54                 |                             | 805.6              |                              | 88.6                |                               |
|                     | 9.14                           | 8.02                 |                             | 829.5              |                              | 86.6                |                               |
| +2°                 | 12.19                          | 5.30                 |                             | 748.4              |                              | 84.6                |                               |
|                     | 11.49                          | 6.29                 |                             | 808.5              |                              | 87.6                |                               |
|                     | 11.02                          | 6.92                 |                             | 843.5              |                              | 88.6                |                               |
|                     | 10.47                          | 7.65                 |                             | 885.9              |                              | 88.6                |                               |
|                     | 9.82                           | 8.24                 |                             | 915.7              |                              | 86.6                |                               |
|                     | 9.17                           | 8.68                 |                             | 944.4              |                              | 82.6                |                               |
| +4°                 | 13.58                          | 4.57                 |                             | 754.6              |                              | 80.6                |                               |
|                     | 13.25                          | 5.04                 |                             | 792.3              |                              | 82.6                |                               |
|                     | 12.79                          | 5.79                 |                             | 857.8              |                              | 84.6                |                               |
|                     | 12.31                          | 6.46                 |                             | 899.9              |                              | 86.6                |                               |
|                     | 11.85                          | 7.04                 |                             | 932.6              |                              | 87.6                |                               |
|                     | 10.89                          | 8.10                 |                             | 986.8              |                              | 87.6                |                               |

## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 性能曲线和性能参数表 Property curve and performance data

1.8ZWQ-100 性能曲线图(正向)  
1.8ZWQ-100 CHARACTERISTIC CURVES



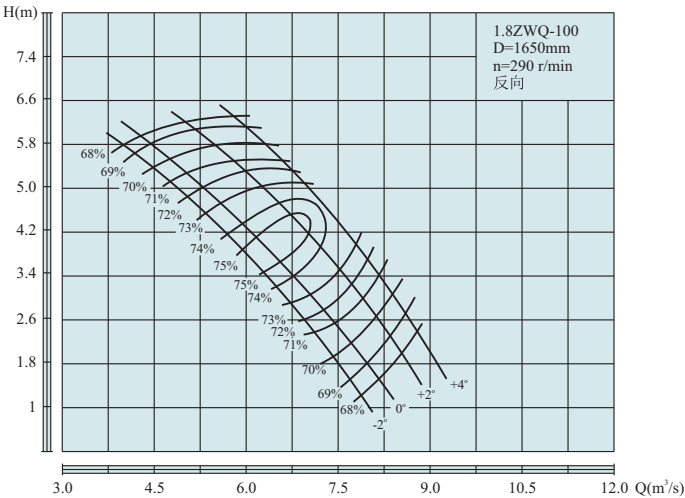
1.8ZWQ-100 工作性能表 1.8ZWQ-100 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q<br>Capacity<br>米³/秒 ( $m^3/s$ ) | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 $\eta$<br>Eff. (%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|-------------------------------------|----------------------|-----------------------------|--------------------|---------------------------|-----------------------|-------------------------------|
|                     |                                     |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                       |                               |
| $-2^\circ$          | 9.0                                 | 1.5                  | 290<br>正向                   | 186.4              | 550kW                     | 71                    | 1650                          |
|                     | 8.5                                 | 2.0                  |                             | 231.5              |                           | 72                    |                               |
|                     | 8.0                                 | 2.5                  |                             | 265                |                           | 74                    |                               |
|                     | 7.5                                 | 3.0                  |                             | 290                |                           | 76                    |                               |
|                     | 7.0                                 | 3.5                  |                             | 308                |                           | 78                    |                               |
|                     | 6.5                                 | 4.0                  |                             | 323                |                           | 79                    |                               |
|                     | 6                                   | 4.5                  |                             | 339.4              |                           | 78                    |                               |
|                     | 5.5                                 | 5.0                  |                             | 364                |                           | 74                    |                               |
| $-0^\circ$          | 9.5                                 | 1.5                  |                             | 197                |                           | 71                    |                               |
|                     | 9.3                                 | 2.0                  |                             | 246.5              |                           | 74                    |                               |
|                     | 9.0                                 | 2.5                  |                             | 290                |                           | 76                    |                               |
|                     | 8.5                                 | 3.0                  |                             | 317                |                           | 79                    |                               |
|                     | 8.0                                 | 3.5                  |                             | 335                |                           | 82                    |                               |
|                     | 7.6                                 | 4.0                  |                             | 355                |                           | 84                    |                               |
|                     | 7.0                                 | 4.5                  |                             | 372                |                           | 83                    |                               |
|                     | 6.5                                 | 5.0                  |                             | 398                |                           | 80                    |                               |
| $+2^\circ$          | 10.5                                | 1.5                  |                             | 238                |                           | 65                    |                               |
|                     | 10.3                                | 2.0                  |                             | 285                |                           | 71                    |                               |
|                     | 10.0                                | 2.5                  |                             | 331                |                           | 74                    |                               |
|                     | 9.6                                 | 3.0                  |                             | 367                |                           | 77                    |                               |
|                     | 9.2                                 | 3.5                  |                             | 400                |                           | 79                    |                               |
|                     | 8.8                                 | 4.0                  |                             | 416                |                           | 83                    |                               |
|                     | 8.4                                 | 4.5                  |                             | 447                |                           | 83                    |                               |
|                     | 8.0                                 | 5.0                  |                             | 473                |                           | 83                    |                               |
| $+4^\circ$          | 11.5                                | 2.0                  |                             | 347                |                           | 65                    |                               |
|                     | 11.0                                | 2.5                  |                             | 397                |                           | 68                    |                               |
|                     | 10.6                                | 3.0                  |                             | 433                |                           | 72                    |                               |
|                     | 10.0                                | 3.5                  |                             | 458                |                           | 75                    |                               |
|                     | 9.8                                 | 4.0                  |                             | 493                |                           | 78                    |                               |
|                     | 9.3                                 | 4.5                  |                             | 507                |                           | 81                    |                               |

Z ( H ) LB系列立式轴（混）流泵

性能曲线和性能参数表 Property curve and performance data

1.8ZWQ-100 性能曲线图(反向)  
 1.8ZWQ-100 CHARACTERISTIC CURVES



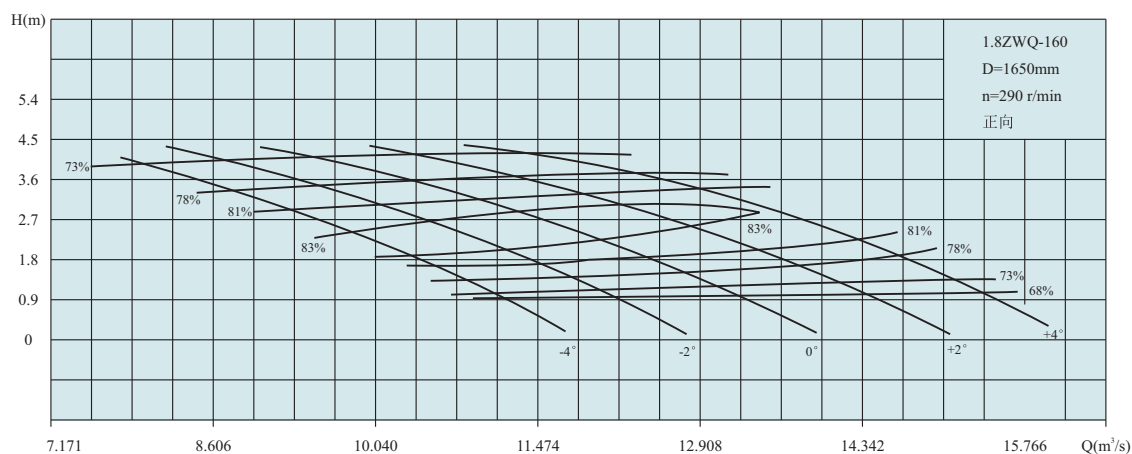
1.8ZWQ-100 工作性能表 1.8ZWQ-100 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q<br>Capacity | 扬程H<br>Head | 转速n<br>Speed | 功率N Power (kW)     |                           | 效率 η<br>Eff. | 叶轮直径<br>Impeller Dia. |
|---------------------|-----------------|-------------|--------------|--------------------|---------------------------|--------------|-----------------------|
|                     | 米³/秒 (m³/s)     | 米 (m)       | 转/分 (r/min)  | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power | (%)          | (mm)                  |
| -2°                 | 7.5             | 2.0         | 290<br>反向    | 297                | 550kW                     | 70           | 1650                  |
|                     | 6.6             | 3.0         |              | 264                |                           | 73.5         |                       |
|                     | 6.2             | 3.5         |              | 282                |                           | 75.5         |                       |
|                     | 5.8             | 4.0         |              | 308                |                           | 74           |                       |
|                     | 4.8             | 5.0         |              | 332                |                           | 71           |                       |
| 0°                  | 7.8             | 2.0         |              | 220                |                           | 69.5         |                       |
|                     | 7.0             | 3.0         |              | 282                |                           | 73           |                       |
|                     | 6.2             | 4.0         |              | 324                |                           | 75           |                       |
|                     | 5.3             | 5.0         |              | 361                |                           | 72           |                       |
| +2°                 | 8.6             | 2.0         |              | 248                |                           | 68           |                       |
|                     | 7.9             | 3.0         |              | 327                |                           | 71           |                       |
|                     | 7.2             | 4.0         |              | 382                |                           | 74           |                       |
|                     | 6.7             | 4.5         |              | 394                |                           | 75           |                       |
| +4°                 | 8.7             | 2.5         |              | 311                |                           | 68.5         |                       |
|                     | 8.4             | 3.0         |              | 353                |                           | 70           |                       |
|                     | 7.8             | 4.0         |              | 419                |                           | 73           |                       |
|                     | 7.3             | 4.5         | 435          | 74                 |                           |              |                       |



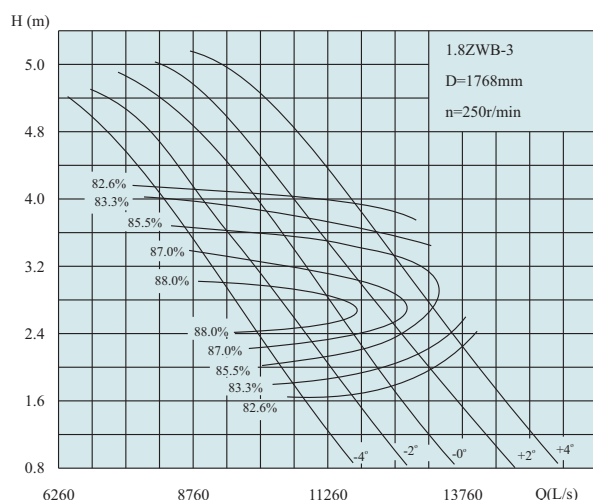
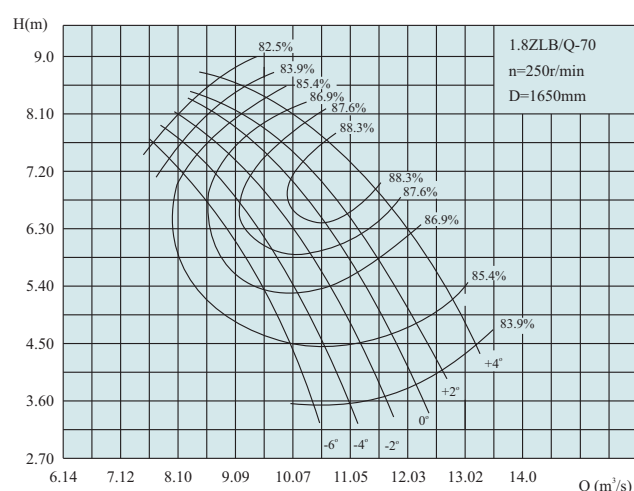
**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

1.8ZWQ-160 性能曲线图  
1.8ZWQ-160 CHARACTERISTIC CURVES



1.8ZWQ-160 工作性能表 1.8ZWQ-160 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q<br>Capacity<br>米³/秒 (m³/s) | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------------------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     |                                |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 11.319                         | 0.738                | 290<br>正向                   | 132                | 500kW                     | 63.5                | 1650                          |
|                     | 10.173                         | 2.206                |                             | 269                |                           | 83.3                |                               |
|                     | 9.671                          | 2.483                |                             | 292                |                           | 82.2                |                               |
|                     | 8.377                          | 3.588                |                             | 393                |                           | 76.4                |                               |
| -2°                 | 12.014                         | 1.103                |                             | 185                | 560kW                     | 71.6                |                               |
|                     | 10.859                         | 2.375                |                             | 310                |                           | 83.6                |                               |
|                     | 9.861                          | 3.132                |                             | 390                |                           | 79.6                |                               |
|                     | 8.684                          | 3.986                |                             | 470                |                           | 74.1                |                               |
| 0°                  | 13.194                         | 1.095                |                             | 204                | 630kW                     | 71.2                |                               |
|                     | 11.876                         | 2.39                 |                             | 341                |                           | 83.3                |                               |
|                     | 10.984                         | 3.716                |                             | 502                |                           | 81.2                |                               |
|                     | 9.468                          | 4.144                |                             | 538                |                           | 73.1                |                               |
| +2°                 | 14.207                         | 1.206                |                             | 241                | 710kW                     | 70.8                |                               |
|                     | 12.541                         | 2.83                 |                             | 425                |                           | 83.4                |                               |
|                     | 11.633                         | 3.505                |                             | 508                |                           | 79.5                |                               |
|                     | 10.371                         | 4.158                |                             | 596                |                           | 72.4                |                               |
| +4°                 | 15.072                         | 1.487                | 305                         | 800kW              | 73.8                      |                     |                               |
|                     | 13.586                         | 2.861                | 473                         |                    | 82.3                      |                     |                               |
|                     | 12.561                         | 3.588                | 574                         |                    | 78.6                      |                     |                               |
|                     | 11.156                         | 4.271                | 664                         |                    | 71.7                      |                     |                               |

**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**
**1.8ZWB-3性能曲线图**  
1.8ZWB-3 CHARACTERISTIC CURVES

**1.8ZLB/Q-70性能曲线图**  
1.8ZLB/Q-70 CHARACTERISTIC CURVES

**1.8ZWB-3 工作性能表 1.8ZWB-3 CHARACTERISTIC DATA**

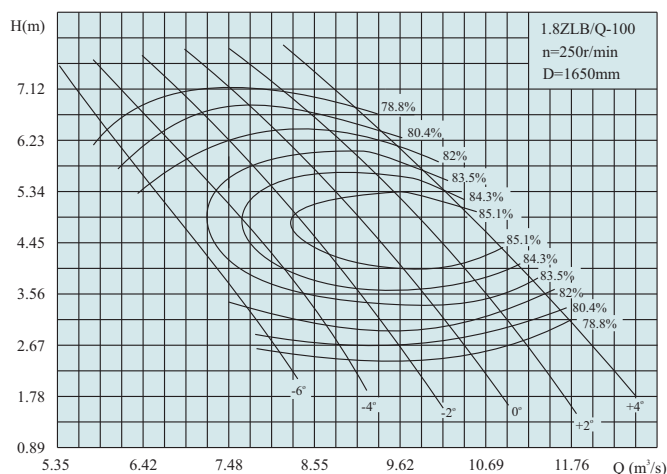
| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 27072        | 7.52        | 4.25                 | 250                         | 208.6              | 450                       | 82.6                | 1768                          |
|                     | 34992        | 9.72        | 2.34                 |                             | 256.8              |                           | 87.1                |                               |
|                     | 37476        | 10.41       | 1.69                 |                             | 379.9              |                           | 82.6                |                               |
| -2°                 | 30204        | 8.39        | 4.21                 |                             | 239.7              | 500                       | 82.6                |                               |
|                     | 37620        | 10.45       | 2.51                 |                             | 296.1              |                           | 86.8                |                               |
|                     | 40752        | 11.32       | 1.79                 |                             | 419.7              |                           | 82.6                |                               |
| 0°                  | 33372        | 9.27        | 4.17                 |                             | 459.0              | 560                       | 82.6                |                               |
|                     | 40104        | 11.14       | 2.64                 |                             | 338.1              |                           | 85.5                |                               |
|                     | 43560        | 12.10       | 1.83                 |                             | 262.2              |                           | 82.6                |                               |
| +2°                 | 37116        | 10.31       | 4.19                 |                             | 512.5              | 630                       | 82.6                |                               |
|                     | 45000        | 12.50       | 2.58                 |                             | 363.3              |                           | 87.0                |                               |
|                     | 50508        | 14.03       | 0.82                 |                             | 136.5              |                           | 82.6                |                               |
| +4°                 | 41832        | 11.62       | 3.97                 |                             | 547.1              |                           | 82.6                |                               |
|                     | 46260        | 12.85       | 2.89                 |                             | 431.8              |                           | 84.4                |                               |
|                     | 48996        | 13.61       | 2.32                 |                             | 375.2              |                           | 82.6                |                               |

**1.8ZLB/Q-70 工作性能表 1.8ZLB/Q-70 CHARACTERISTIC DATA**

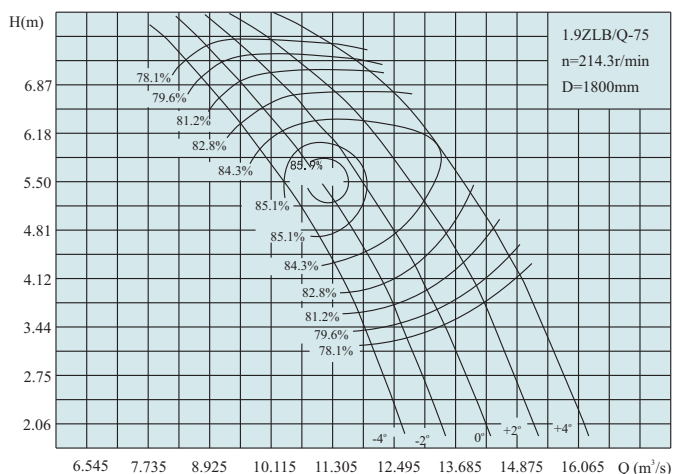
| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 38019        | 10.56       | 4.59                 | 250                         | 567                | 800                       | 85.5                | 1650                          |
|                     | 33819        | 9.39        | 6.30                 |                             | 672                |                           | 88.0                |                               |
|                     | 31167        | 8.66        | 7.03                 |                             | 708                |                           | 86.0                |                               |
| -2°                 | 40318        | 11.20       | 4.50                 |                             | 590                | 900                       | 85.4                |                               |
|                     | 36383        | 10.11       | 6.30                 |                             | 725                |                           | 87.8                |                               |
|                     | 32714        | 9.09        | 7.38                 |                             | 768                |                           | 87.4                |                               |
| 0°                  | 42528        | 11.81       | 4.50                 |                             | 624                | 900                       | 85.2                |                               |
|                     | 38461        | 10.68       | 6.30                 |                             | 673                |                           | 88.2                |                               |
|                     | 33377        | 9.27        | 7.65                 |                             | 817                |                           | 86.8                |                               |
| +2°                 | 43766        | 12.16       | 4.68                 |                             | 666                | 1000                      | 85.4                |                               |
|                     | 40008        | 11.11       | 6.30                 |                             | 797                |                           | 87.8                |                               |
|                     | 35145        | 9.76        | 7.65                 |                             | 854                |                           | 87.4                |                               |
| +4°                 | 47523        | 13.20       | 4.50                 |                             | 708                |                           | 83.9                |                               |
|                     | 41556        | 11.54       | 6.93                 |                             | 909                |                           | 88.0                |                               |
|                     | 36693        | 10.19       | 8.10                 |                             | 947                |                           | 87.2                |                               |

**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

1.8ZLB/Q-100 性能曲线图  
1.8ZLB/Q-100 CHARACTERISTIC CURVES



1.9ZLB/Q-75 性能曲线图  
1.9ZLB/Q-75 CHARACTERISTIC CURVES



1.8ZLB/Q-100 工作性能表 1.8ZLB/Q-100 CHARACTERISTIC DATA

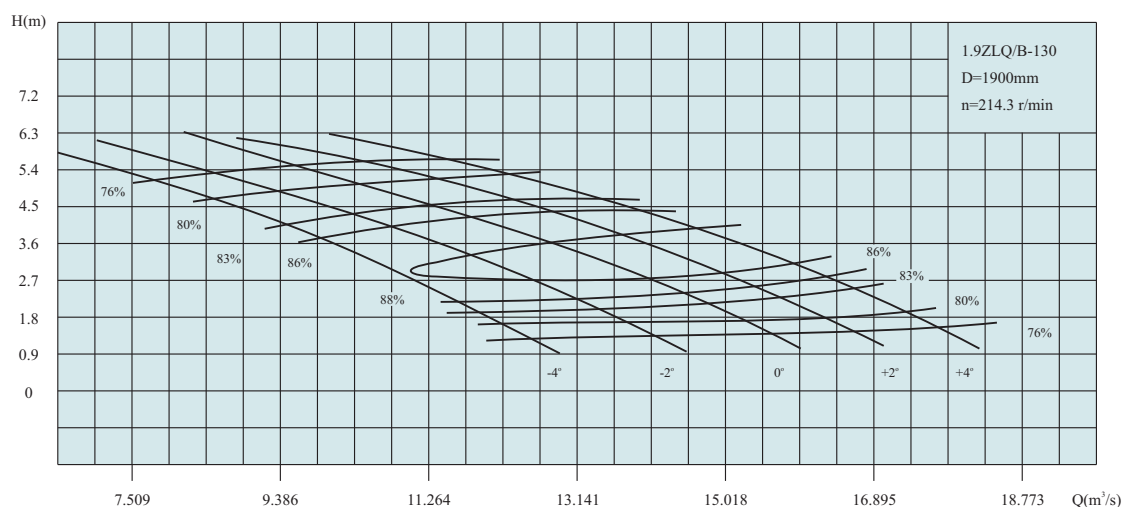
| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 23702        | 6.584       | 4.73                 | 250                         | 380.0              | 450                       | 82                  | 1650                          |
|                     | 25820        | 7.172       | 3.62                 |                             | 310.9              |                           | 83.5                |                               |
|                     | 27821        | 7.728       | 2.92                 |                             | 275.2              |                           | 82                  |                               |
| -4°                 | 25156        | 6.988       | 5.25                 |                             | 447.4              | 560                       | 82                  |                               |
|                     | 28918        | 8.033       | 3.69                 |                             | 351.2              |                           | 84.4                |                               |
|                     | 31574        | 8.771       | 2.61                 |                             | 279.2              |                           | 82                  |                               |
| -2°                 | 26928        | 7.480       | 5.50                 |                             | 501.7              | 560                       | 82                  |                               |
|                     | 31497        | 8.749       | 3.78                 |                             | 389.5              |                           | 84.9                |                               |
|                     | 34375        | 9.549       | 2.65                 |                             | 253.1              |                           | 82                  |                               |
| 0°                  | 28851        | 8.014       | 5.62                 |                             | 549.2              | 630                       | 82                  |                               |
|                     | 34076        | 9.466       | 3.78                 |                             | 420.5              |                           | 85.1                |                               |
|                     | 36838        | 10.233      | 2.68                 |                             | 334.4              |                           | 82                  |                               |
| +2°                 | 31507        | 8.752       | 5.65                 |                             | 603.1              | 710                       | 82                  |                               |
|                     | 36145        | 10.040      | 3.98                 |                             | 467.4              |                           | 85.5                |                               |
|                     | 39013        | 10.837      | 2.90                 |                             | 314.3              |                           | 82                  |                               |
| +4°                 | 34432        | 9.565       | 5.45                 |                             | 635.7              | 800                       | 82                  |                               |
|                     | 38724        | 10.757      | 4.01                 |                             | 505.7              |                           | 85.3                |                               |
|                     | 41082        | 11.412      | 3.16                 |                             | 439.8              |                           | 82                  |                               |

1.9ZLB/Q-75 工作性能表 1.9ZLB/Q-75 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 34218        | 9.505       | 6.37                 | 214.3                       | 731                | 800                       | 82.8                | 1800                          |
|                     | 39006        | 10.835      | 4.99                 |                             | 632                |                           | 85.6                |                               |
|                     | 41788        | 11.608      | 3.96                 |                             | 555                |                           | 82.8                |                               |
| -2°                 | 35374        | 9.826       | 6.61                 |                             | 784                | 900                       | 82.8                |                               |
|                     | 40719        | 11.311      | 5.33                 |                             | 700                |                           | 86.1                |                               |
|                     | 44260        | 12.294      | 4.06                 |                             | 603                |                           | 82.8                |                               |
| 0°                  | 38058        | 10.572      | 6.77                 |                             | 864                | 1000                      | 82.8                |                               |
|                     | 42627        | 11.841      | 5.53                 |                             | 767                |                           | 85.4                |                               |
|                     | 46448        | 12.902      | 4.35                 |                             | 678                |                           | 82.8                |                               |
| +2°                 | 40948        | 11.374      | 6.83                 |                             | 938                | 1100                      | 82.8                |                               |
|                     | 45615        | 12.671      | 5.65                 |                             | 843                |                           | 84.9                |                               |
|                     | 49071        | 13.631      | 4.84                 |                             | 797                |                           | 82.8                |                               |
| +4°                 | 45233        | 12.565      | 6.83                 |                             | 1036               | 1200                      | 82.8                |                               |
|                     | 47729        | 13.258      | 5.99                 |                             | 941                |                           | 84.4                |                               |
|                     | 50279        | 13.966      | 5.38                 |                             | 907                |                           | 82.8                |                               |

**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**

1.9ZLQ/B-130 性能曲线图  
1.9ZLQ/B-130 CHARACTERISTIC CURVES

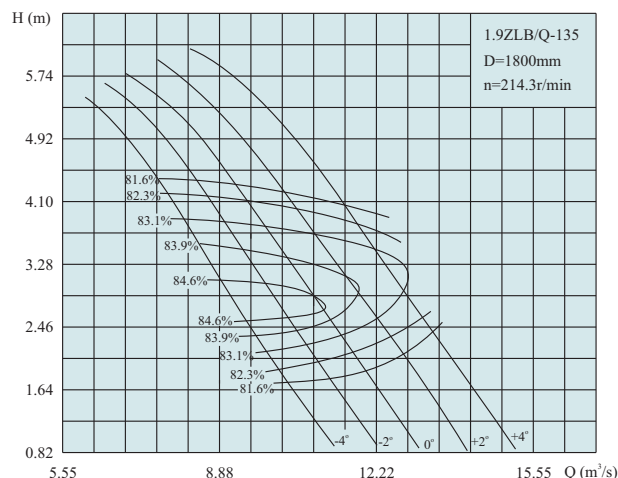


1.9ZLQ/B-130 工作性能表 1.9ZLQ/B-130 CHARACTERISTIC DATA

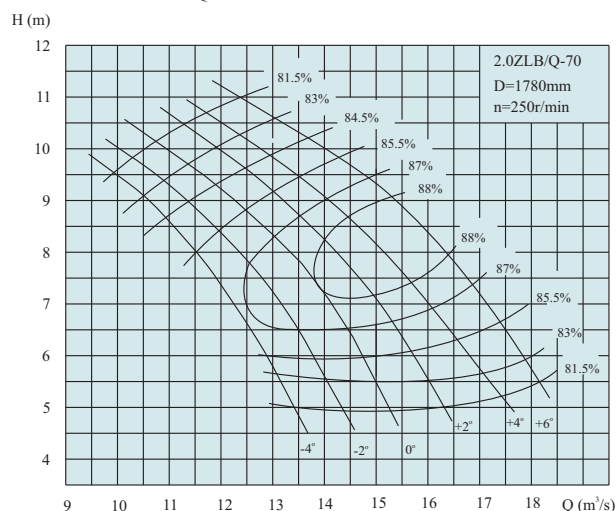
| 叶片安放角<br>Vane Angle | 流量Q<br>Capacity<br>米³/秒 (m³/s) | 扬程H<br>Head<br>米 (m)      | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)             |                           | 效率 η<br>Eff.<br>(%)  | 叶轮直径<br>Impeller Dia.<br>(mm) |                      |
|---------------------|--------------------------------|---------------------------|-----------------------------|----------------------------|---------------------------|----------------------|-------------------------------|----------------------|
|                     |                                |                           |                             | 轴功率<br>Shaft Power         | 配用电机及功率<br>Required Power |                      |                               |                      |
| -4°                 | 7.040<br>10.590<br>11.970      | 5.51<br>3.13<br>1.81      | 214.3                       | 525<br>385<br>260          | 630kW                     | 73.5<br>86.2<br>83.2 | 1900                          |                      |
|                     | -2°                            | 7.054<br>12.246<br>13.611 |                             | 6.19<br>2.87<br>1.83       | 600<br>397<br>298         | 800kW                |                               | 72.8<br>88.5<br>83.5 |
|                     |                                | 0°                        |                             | 8.918<br>13.890<br>15.253  | 6.00<br>2.89<br>1.68      | 721<br>470<br>311    |                               | 800kW                |
| +2°                 |                                |                           |                             | 9.386<br>14.430<br>15.958  | 6.10<br>3.24<br>2.20      | 780<br>525<br>432    |                               | 900kW                |
|                     | +4°                            |                           |                             | 10.100<br>14.914<br>17.365 | 6.21<br>3.68<br>1.92      | 835<br>622<br>417    |                               | 900kW                |

**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

1.9ZLB/Q-135 性能曲线图  
1.9ZLB/Q-135 CHARACTERISTIC CURVES



2.0ZLB/Q-70 性能曲线图  
2.0ZLB/Q-70 CHARACTERISTIC CURVES



1.9ZLB/Q-135 工作性能表 1.9ZLB/Q-135 CHARACTERISTIC DATA

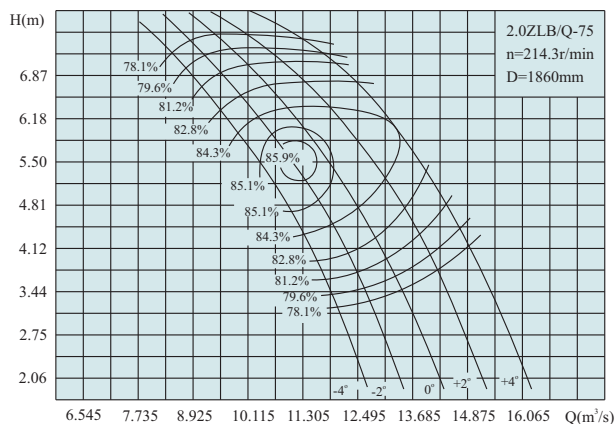
| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 27594.4      | 7.6651      | 4.10                 | 214.3                       | 385.1              | 450                       | 81.6                | 1800                          |
|                     | 35650.1      | 9.9028      | 2.27                 |                             | 263.5              |                           | 85.3                |                               |
|                     | 38209.4      | 10.6137     | 1.63                 |                             | 212.0              |                           | 81.6                |                               |
| -2°                 | 30781.5      | 8.5504      | 4.07                 |                             | 426.5              | 500                       | 81.6                |                               |
|                     | 38327.7      | 10.6466     | 2.42                 |                             | 303.1              |                           | 85                  |                               |
|                     | 41506.0      | 11.5294     | 1.73                 |                             | 244.3              |                           | 81.6                |                               |
| 0°                  | 33987.6      | 9.4410      | 4.03                 |                             | 466.2              | 560                       | 81.6                |                               |
|                     | 40867.1      | 11.3520     | 2.56                 |                             | 343.1              |                           | 84.7                |                               |
|                     | 44384.4      | 12.3290     | 1.76                 |                             | 265.9              |                           | 81.6                |                               |
| +2°                 | 38681.1      | 10.7448     | 3.81                 |                             | 501.7              | 560                       | 81.6                |                               |
|                     | 44027.8      | 12.2299     | 2.65                 |                             | 385.4              |                           | 84.1                |                               |
|                     | 47403.5      | 13.1676     | 1.94                 |                             | 313.1              |                           | 81.6                |                               |
| +4°                 | 42599.0      | 11.8330     | 3.83                 | 555.3                       | 630                | 81.6                      |                     |                               |
|                     | 47130.9      | 13.0919     | 2.79                 | 437.4                       |                    | 83.5                      |                     |                               |
|                     | 49915.7      | 13.8655     | 2.24                 | 380.6                       |                    | 81.6                      |                     |                               |

2.0ZLB/Q-70 工作性能表 2.0ZLB/Q-70 CHARACTERISTIC DATA

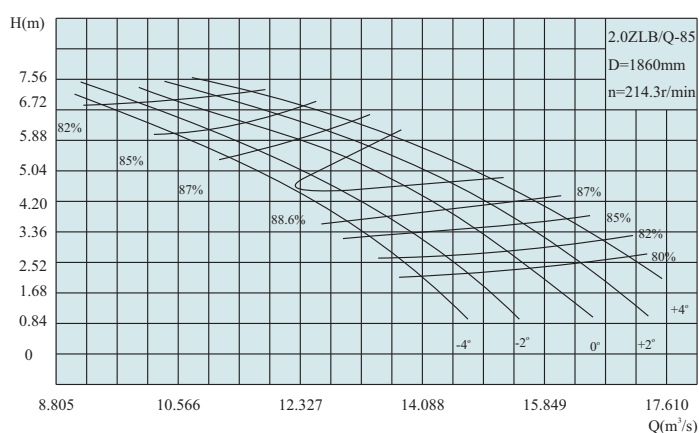
| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |      |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |      |
| -4°                 | 38632        | 10.731      | 9.0                  | 250                         | 1128               | 1250                      | 83.9                | 1780                          |      |
|                     | 43078        | 11.966      | 7.57                 |                             | 1032               |                           | 86                  |                               |      |
|                     | 46688        | 12.969      | 5.93                 |                             | 898                |                           | 83.9                |                               |      |
| -2°                 | 40021        | 11.117      | 9.31                 |                             | 1209               | 1400                      | 83.9                |                               |      |
|                     | 46134        | 12.815      | 7.57                 |                             | 1097               |                           | 86.7                |                               |      |
|                     | 50303        | 13.973      | 5.83                 |                             | 953                |                           | 83.9                |                               |      |
| 0°                  | 41688        | 11.580      | 9.61                 |                             | 1300               | 1600                      | 83.9                |                               |      |
|                     | 48359        | 13.433      | 7.98                 |                             | 1202               |                           | 87.4                |                               |      |
|                     | 53917        | 14.977      | 5.73                 |                             | 1002               |                           | 83.9                |                               |      |
| +2°                 | 43351        | 12.042      | 9.97                 |                             | 1402               |                           | 1600                |                               | 83.9 |
|                     | 50022        | 13.895      | 8.44                 |                             | 1315               |                           |                     |                               | 87.4 |
|                     | 57251        | 15.903      | 5.73                 |                             | 1064               |                           |                     |                               | 83.9 |
| +4°                 | 45576        | 12.660      | 10.23                | 1513                        | 1800               | 83.9                      |                     |                               |      |
|                     | 52805        | 14.668      | 8.69                 | 1419                        |                    | 88                        |                     |                               |      |
|                     | 60865        | 16.907      | 5.83                 | 1151                        |                    | 83.9                      |                     |                               |      |
| +6°                 | 50022        | 13.895      | 10.23                | 1660                        |                    | 1800                      | 83.9                |                               |      |
|                     | 55307        | 15.363      | 9.0                  | 1540                        |                    |                           | 88                  |                               |      |
|                     | 63922        | 17.756      | 6.14                 | 1273                        |                    |                           | 83.9                |                               |      |

**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**

2.0ZLB/Q-75 性能曲线图  
2.0ZLB/Q-75 CHARACTERISTIC CURVES



2.0ZLB/Q-85 性能曲线图  
2.0ZLB/Q-85 CHARACTERISTIC CURVES



2.0ZLB/Q-75 工作性能表 2.0ZLB/Q-75 CHARACTERISTIC DATA

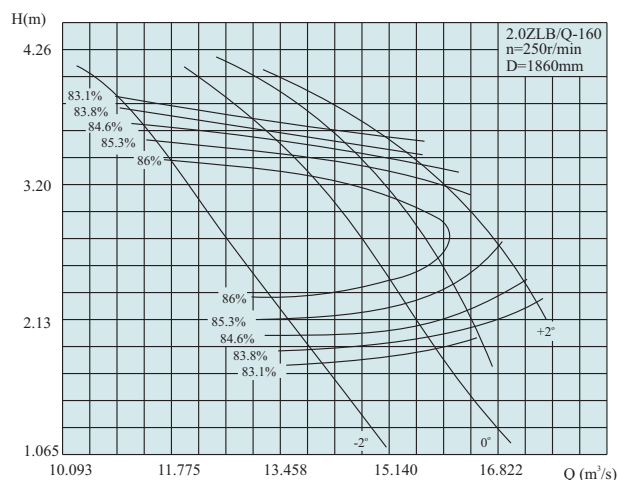
| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 37756        | 10.488      | 6.80                 | 214.3                       | 861                | 1000                      | 82.8                | 1860                          |
|                     | 43039        | 11.955      | 5.32                 |                             | 743                |                           | 85.6                |                               |
|                     | 46107        | 12.807      | 4.22                 |                             | 653                |                           | 82.8                |                               |
| -2°                 | 39030        | 10.842      | 7.05                 |                             | 923                | 1000                      | 82.8                |                               |
|                     | 44928        | 12.480      | 5.69                 |                             | 825                |                           | 86.1                |                               |
|                     | 48835        | 13.565      | 4.36                 |                             | 714                |                           | 82.8                |                               |
| 0°                  | 41992        | 11.664      | 7.23                 |                             | 1018               | 1250                      | 82.8                |                               |
|                     | 47033        | 13.065      | 5.91                 |                             | 904                |                           | 85.4                |                               |
|                     | 51249        | 14.236      | 4.64                 |                             | 798                |                           | 82.8                |                               |
| +2°                 | 45180        | 12.550      | 7.30                 |                             | 1106               | 1250                      | 82.8                |                               |
|                     | 50330        | 13.981      | 6.03                 |                             | 993                |                           | 84.9                |                               |
|                     | 54143        | 15.040      | 5.17                 |                             | 939                |                           | 82.8                |                               |
| +4°                 | 49909        | 13.864      | 7.29                 |                             | 1221               | 1600                      | 82.8                |                               |
|                     | 52663        | 14.629      | 6.40                 |                             | 1109               |                           | 84.4                |                               |
|                     | 55476        | 15.410      | 5.75                 |                             | 1070               |                           | 82.8                |                               |

2.0ZLB/Q-85 工作性能表 2.0ZLB/Q-85 CHARACTERISTIC DATA

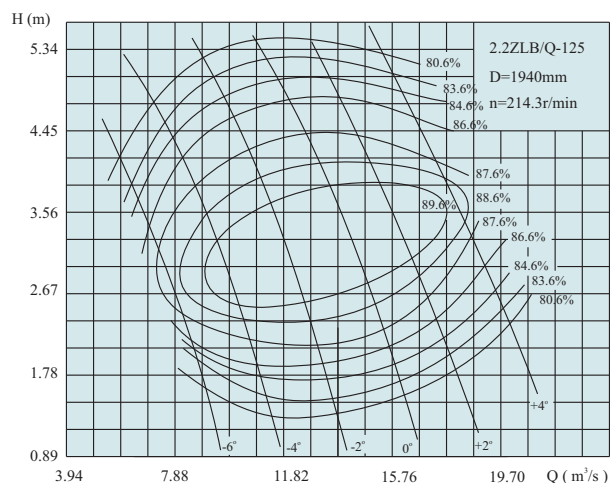
| 叶片安放角<br>Vane Angle | 流量Q Capacity | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/秒 (m³/s)  |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 13.729       | 2.70                 | 214.3                       | 460                | 800                       | 80.6                | 1860                          |
|                     | 12.462       | 4.30                 |                             | 598                |                           | 89.6                |                               |
|                     | 11.190       | 5.48                 |                             | 706                |                           | 86.8                |                               |
| -2°                 | 14.181       | 3.04                 |                             | 525                | 800                       | 82.1                |                               |
|                     | 12.580       | 4.86                 |                             | 718                |                           | 85.1                |                               |
|                     | 10.583       | 5.95                 |                             | 737                |                           | 85.4                |                               |
| 0°                  | 14.779       | 3.49                 |                             | 605                | 1000                      | 85.2                |                               |
|                     | 13.174       | 5.22                 |                             | 769                |                           | 89.44               |                               |
|                     | 11.286       | 6.48                 |                             | 890                |                           | 82.2                |                               |
| +2°                 | 15.185       | 3.96                 |                             | 695                | 1000                      | 86.5                |                               |
|                     | 13.957       | 5.20                 |                             | 819                |                           | 88.6                |                               |
|                     | 12.014       | 6.56                 |                             | 922                |                           | 85.5                |                               |
| +4°                 | 16.359       | 3.53                 |                             | 697                | 1100                      | 82.8                |                               |
|                     | 14.865       | 5.04                 |                             | 845                |                           | 88.7                |                               |
|                     | 12.611       | 6.64                 |                             | 969                |                           | 86.4                |                               |

**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

2.0ZLB/Q-160 性能曲线图  
2.0ZLB/Q-160 CHARACTERISTIC CURVES



2.2ZLB/Q-125 性能曲线图  
2.2ZLB/Q-125 CHARACTERISTIC CURVES



2.0ZLB/Q-160 工作性能表 2.0ZLB/Q-160 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -2°                 | 40160        | 11.156      | 3.79                 | 250                         | 505                | 560                       | 83.8                | 1860                          |
|                     | 45858        | 12.738      | 2.67                 |                             | 390                |                           | 87.1                |                               |
|                     | 50095        | 13.915      | 1.89                 |                             | 314                |                           | 83.8                |                               |
| 0°                  | 47438        | 13.177      | 3.62                 |                             | 569                | 630                       | 83.8                |                               |
|                     | 53255        | 14.793      | 2.68                 |                             | 459                |                           | 86.4                |                               |
|                     | 56617        | 15.727      | 1.95                 |                             | 366                |                           | 83.8                |                               |
| +2°                 | 55093        | 15.304      | 3.46                 |                             | 621                | 710                       | 83.8                |                               |
|                     | 59468        | 16.519      | 2.90                 |                             | 561                |                           | 85.3                |                               |
|                     | 62738        | 17.427      | 2.26                 |                             | 470                |                           | 83.8                |                               |

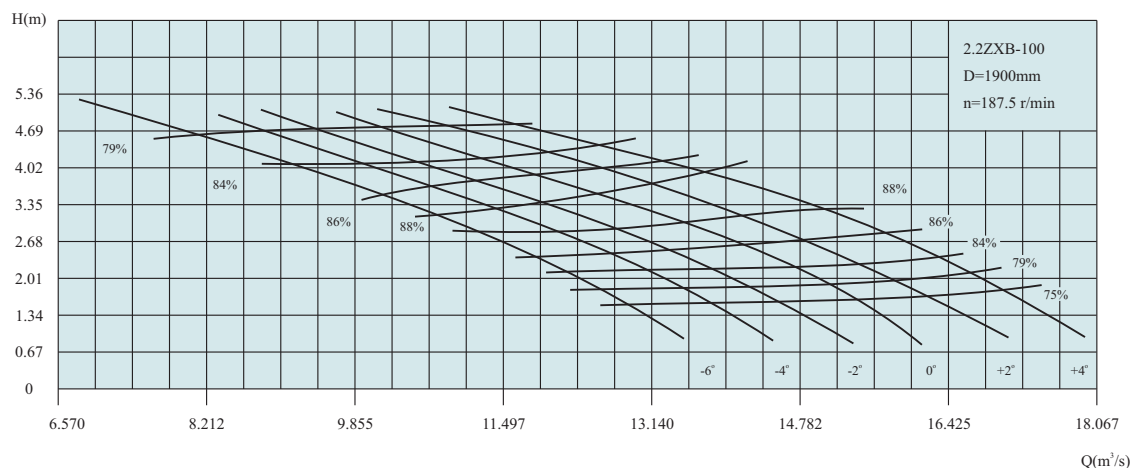
2.2ZLB/Q-125 工作性能表 2.2ZLB/Q-125 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 21288        | 5.913       | 4.13                 | 214.3                       | 304                | 450                       | 80.4                | 1940                          |
|                     | 27107        | 7.530       | 2.85                 |                             | 249                |                           | 86.4                |                               |
|                     | 31222        | 8.673       | 1.71                 |                             | 180                |                           | 82.4                |                               |
| -4°                 | 25831        | 7.175       | 4.75                 |                             | 414                | 560                       | 82.4                |                               |
|                     | 35480        | 9.856       | 2.85                 |                             | 321                |                           | 87.5                |                               |
|                     | 41014        | 11.393      | 1.32                 |                             | 187                |                           | 80.4                |                               |
| -2°                 | 32785        | 9.107       | 5.29                 |                             | 599                | 630                       | 80.4                |                               |
|                     | 43997        | 12.221      | 2.93                 |                             | 406                |                           | 88.1                |                               |
|                     | 49815        | 13.837      | 1.37                 |                             | 230                |                           | 82.4                |                               |
| 0°                  | 43145        | 11.985      | 4.73                 |                             | 688                | 800                       | 82.4                |                               |
|                     | 52086        | 14.468      | 3.16                 |                             | 515                |                           | 88.7                |                               |
|                     | 58612        | 16.281      | 1.59                 |                             | 307                |                           | 84.4                |                               |
| +2°                 | 45556        | 12.655      | 5.45                 |                             | 837                | 1000                      | 82.4                |                               |
|                     | 56769        | 15.769      | 3.57                 |                             | 630                |                           | 89.4                |                               |
|                     | 64150        | 17.819      | 2.04                 |                             | 421                |                           | 86.4                |                               |
| +4°                 | 60459        | 16.794      | 4.52                 |                             | 944                |                           | 80.4                |                               |
|                     | 65854        | 18.293      | 3.49                 |                             | 721                |                           | 88.6                |                               |
|                     | 70960        | 19.711      | 2.65                 |                             | 619                |                           | 84.4                |                               |



**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**

2.2ZXB-100 性能曲线图  
2.2ZXB-100 CHARACTERISTIC CURVES

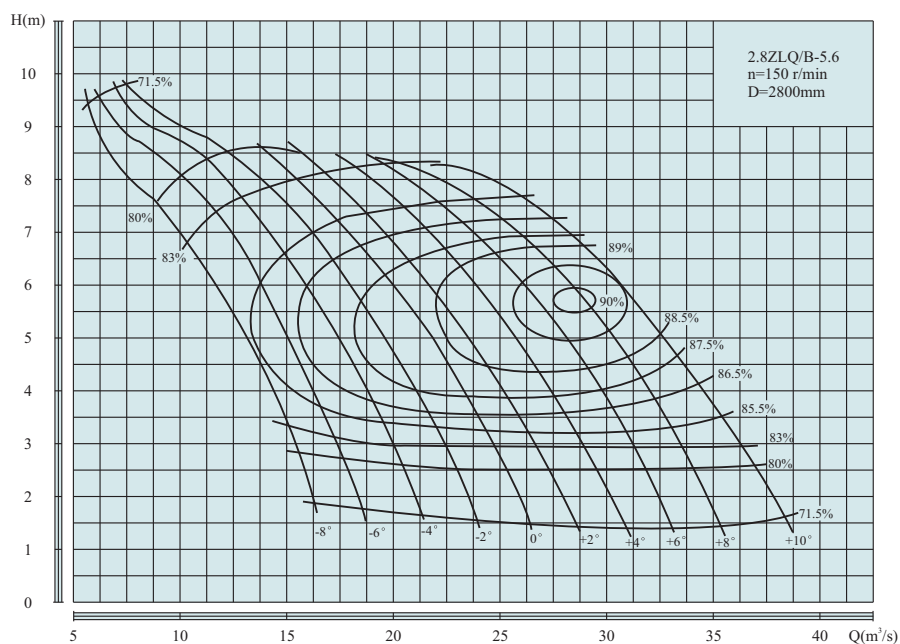


2.2ZXB-100 工作性能表 2.2ZXB-100 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q<br>Capacity<br>米³/秒 (m³/s) | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------------------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     |                                |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 12.765                         | 1.64                 | 187.5                       | 268                | 560kW                     | 78.2                | 1900                          |
|                     | 10.912                         | 3.08                 |                             | 383                |                           | 89.1                |                               |
|                     | 9.078                          | 4.18                 |                             | 460                |                           | 83.4                |                               |
|                     | 7.57                           | 4.94                 |                             | 502                |                           | 74.5                |                               |
| -4°                 | 13.630                         | 1.648                |                             | 292                | 560kW                     | 77.3                |                               |
|                     | 11.893                         | 2.97                 |                             | 402                |                           | 88.8                |                               |
|                     | 11.031                         | 3.50                 |                             | 438                |                           | 88.2                |                               |
|                     | 9.123                          | 4.56                 |                             | 513                |                           | 81.1                |                               |
| -2°                 | 14.509                         | 1.686                |                             | 318                | 630kW                     | 77.1                |                               |
|                     | 12.821                         | 2.94                 |                             | 424                |                           | 88.8                |                               |
|                     | 11.974                         | 3.43                 |                             | 464                |                           | 88.6                |                               |
|                     | 9.412                          | 4.80                 |                             | 578                |                           | 78.3                |                               |
| 0°                  | 15.357                         | 1.621                |                             | 330                | 630kW                     | 75.4                |                               |
|                     | 13.194                         | 3.22                 |                             | 478                |                           | 88.9                |                               |
|                     | 12.486                         | 3.61                 |                             | 512                |                           | 87.8                |                               |
|                     | 10.694                         | 4.47                 |                             | 582                |                           | 82.1                |                               |
| +2°                 | 16.374                         | 1.65                 |                             | 363                | 710kW                     | 74.5                |                               |
|                     | 14.592                         | 2.88                 |                             | 478                |                           | 87.8                |                               |
|                     | 13.522                         | 3.54                 |                             | 540                |                           | 88.6                |                               |
|                     | 12.315                         | 4.12                 |                             | 589                |                           | 86.2                |                               |
| +4°                 | 16.338                         | 2.41                 |                             | 468                | 710kW                     | 84.2                |                               |
|                     | 14.593                         | 3.50                 |                             | 574                |                           | 89.2                |                               |
|                     | 13.887                         | 3.90                 |                             | 610                |                           | 88.8                |                               |
|                     | 12.571                         | 4.47                 |                             | 664                |                           | 84.6                |                               |

**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

2.8ZLQ/B-5.6 性能曲线图  
2.8ZLQ/B-5.6 CHARACTERISTIC CURVES

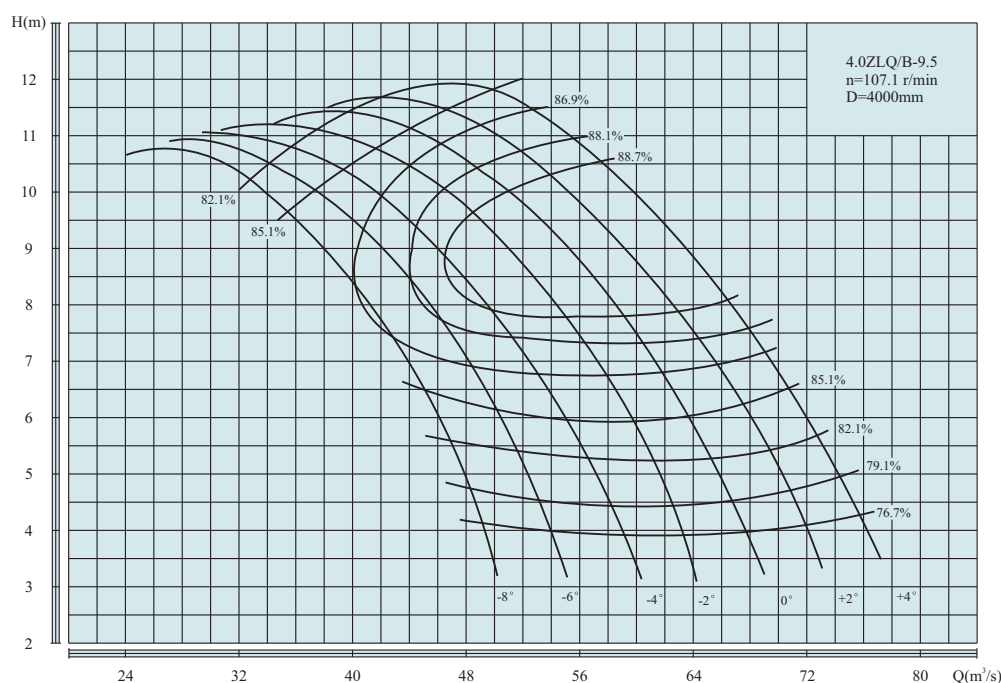


2.8ZLQ/B-5.6 工作性能表 2.8ZLQ/B-5.6 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity (m³/s) |        | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|---------------------|--------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | (m³/h)              | (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -8°                 | 58320               | 16.2   | 2.0                  | 150                         | 442                | 1000                      | 72                  | 2800                          |
|                     | 48240               | 13.4   | 4.8                  |                             | 764                |                           | 85                  |                               |
|                     | 28080               | 7.80   | 8.0                  |                             | 794                |                           | 77                  |                               |
| -6°                 | 66600               | 18.5   | 2.0                  |                             | 491                | 1250                      | 74                  |                               |
|                     | 56160               | 15.6   | 4.7                  |                             | 837                |                           | 86                  |                               |
|                     | 32400               | 9.0    | 8.4                  |                             | 951                |                           | 78                  |                               |
| -4°                 | 75600               | 21.0   | 2.0                  |                             | 557                | 1250                      | 74                  |                               |
|                     | 64080               | 17.8   | 4.65                 |                             | 932                |                           | 87.2                |                               |
|                     | 34200               | 9.5    | 8.82                 |                             | 1060               |                           | 77.5                |                               |
| -2°                 | 85320               | 23.7   | 2.0                  |                             | 614                | 1600                      | 75                  |                               |
|                     | 70920               | 19.7   | 5.0                  |                             | 1090               |                           | 87.8                |                               |
|                     | 36000               | 10.0   | 9.0                  |                             | 1146               |                           | 77                  |                               |
| 0°                  | 93960               | 26.1   | 2.0                  |                             | 674                | 1600                      | 76                  |                               |
|                     | 75600               | 21.0   | 5.6                  |                             | 1318               |                           | 88                  |                               |
|                     | 48600               | 13.5   | 8.5                  |                             | 1413               |                           | 80.5                |                               |
| +2°                 | 101880              | 28.3   | 2.0                  |                             | 731                | 1800                      | 76                  |                               |
|                     | 84600               | 23.5   | 5.02                 |                             | 1308               |                           | 88.6                |                               |
|                     | 63000               | 17.5   | 8.5                  |                             | 1537               |                           | 81.3                |                               |
| +4°                 | 111240              | 30.9   | 2.0                  | 804                         | 1800               | 75.5                      |                     |                               |
|                     | 91400               | 25.4   | 5.28                 | 1478                        |                    | 88.9                      |                     |                               |
|                     | 63000               | 17.5   | 8.38                 | 1740                        |                    | 82.6                      |                     |                               |
| +6°                 | 117720              | 32.7   | 2.0                  | 855                         | 2000               | 75                        |                     |                               |
|                     | 97560               | 27.1   | 5.6                  | 1660                        |                    | 89.7                      |                     |                               |
|                     | 86400               | 19.0   | 8.4                  | 1896                        |                    | 82.5                      |                     |                               |
| +8°                 | 126720              | 35.2   | 2.0                  | 920                         | 2500               | 75                        |                     |                               |
|                     | 103680              | 28.8   | 5.88                 | 1845                        |                    | 90                        |                     |                               |
|                     | 75600               | 21.0   | 8.32                 | 2064                        |                    | 83                        |                     |                               |
| +10°                | 137520              | 38.2   | 2.0                  | 1011                        | 2500               | 74                        |                     |                               |
|                     | 109080              | 30.3   | 6.2                  | 2070                        |                    | 88.9                      |                     |                               |
|                     | 84600               | 23.5   | 8.18                 | 2256                        |                    | 83.54                     |                     |                               |

### 性能曲线和性能参数表 Property curve and performance data

4.0ZLQ/B-9.5 性能曲线图  
4.0ZLQ/B-9.5 CHARACTERISTIC CURVES



4.0ZLQ/B-9.5 工作性能表 4.0ZLQ/B-9.5 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity (m³/s) |        | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|---------------------|--------|----------------------|-----------------------------|--------------------|---------------------------|--------------------|-------------------------------|
|                     | (m³/h)              | (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                    |                               |
| -8°                 | 111600              | 31     | 10.45                | 107.1                       | 4100               | 4500                      | 77.5               | 4000                          |
|                     | 147600              | 41     | 8.2                  |                             | 3780               |                           | 87.2               |                               |
|                     | 176400              | 49     | 4.22                 |                             | 2660               |                           | 76.3               |                               |
| -6°                 | 118800              | 33     | 10.72                |                             | 4450               | 5000                      | 78.1               |                               |
|                     | 162000              | 45     | 8.34                 |                             | 4180               |                           | 88.1               |                               |
|                     | 194400              | 54     | 4.23                 |                             | 2880               |                           | 77.8               |                               |
| -4°                 | 128520              | 35.7   | 10.9                 |                             | 4650               | 5000                      | 82.1               |                               |
|                     | 174600              | 48.5   | 8.56                 |                             | 4590               |                           | 88.7               |                               |
|                     | 213480              | 59.3   | 3.97                 |                             | 3030               |                           | 76.2               |                               |
| -2°                 | 138600              | 38.5   | 11.11                |                             | 5090               | 5600                      | 82.5               |                               |
|                     | 186480              | 51.8   | 9.13                 |                             | 5050               |                           | 88.8               |                               |
|                     | 229680              | 63.8   | 4.0                  |                             | 3225               |                           | 76.2               |                               |
| 0°                  | 151200              | 42     | 11.35                |                             | 5590               | 6300                      | 83.6               |                               |
|                     | 198000              | 55     | 9.13                 |                             | 5530               |                           | 89                 |                               |
|                     | 245520              | 68.2   | 4.0                  |                             | 3510               |                           | 76.2               |                               |
| +2°                 | 164880              | 45.8   | 11.4                 |                             | 6150               | 7100                      | 83.2               |                               |
|                     | 208800              | 58     | 9.4                  |                             | 6000               |                           | 89                 |                               |
|                     | 259920              | 72.2   | 4.16                 |                             | 3870               |                           | 76.2               |                               |
| +4°                 | 178560              | 49.6   | 11.86                |                             | 6790               | 7500                      | 85.1               |                               |
|                     | 219600              | 61     | 9.7                  |                             | 6500               |                           | 90.1               |                               |
|                     | 273240              | 75.9   | 4.36                 |                             | 4260               |                           | 76.2               |                               |

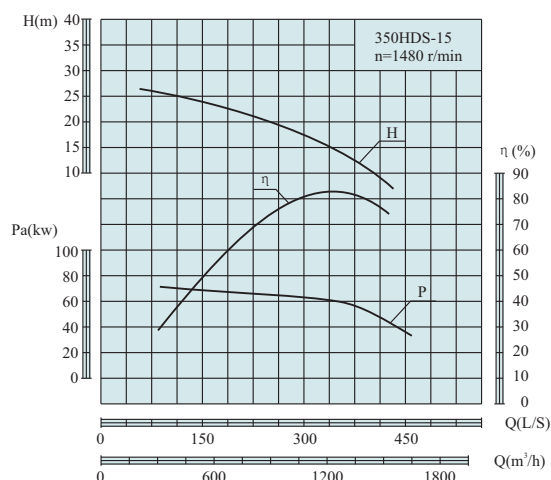
**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

(一)HLB(Q)立式混流泵工作性能表和性能曲线

(1) Working performance table and curve of HLB(Q) vertical mixed-flow pump

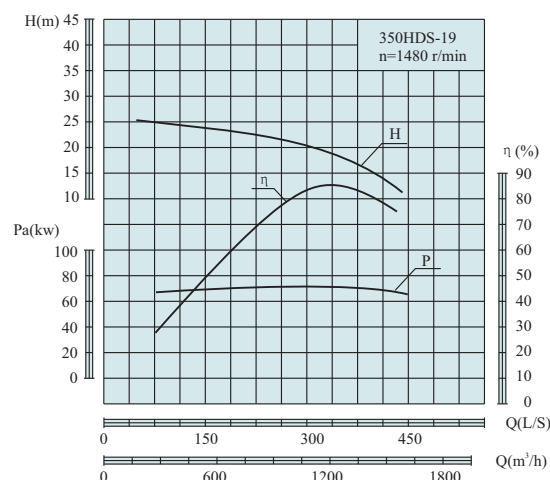
**350HL-15立式混流泵性能曲线图**

350HL-15 VERTICAL MIXED-FLOW PUMP CHARACTERISTIC CURVES



**350HL-19立式混流泵性能曲线图**

350HL-19 VERTICAL MIXED-FLOW PUMP CHARACTERISTIC CURVES

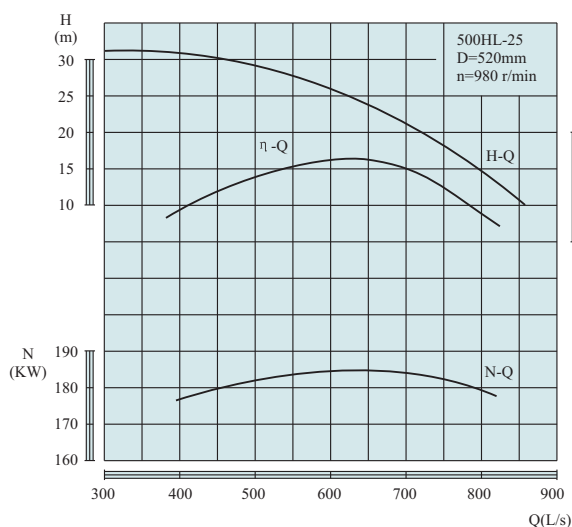
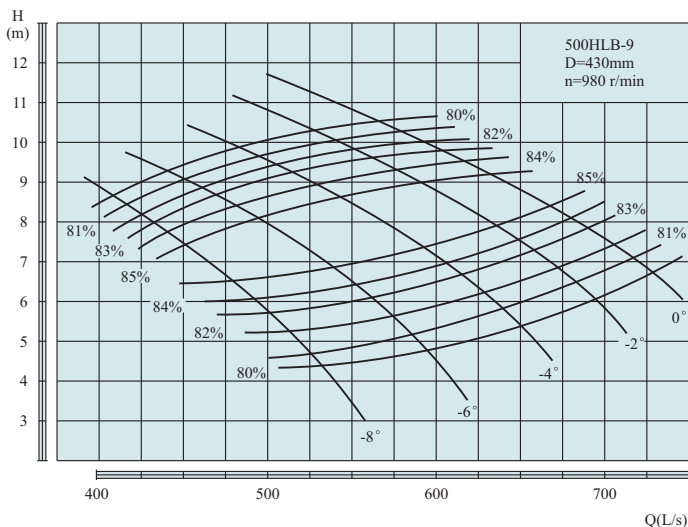


**350HL-15 立式混流泵工作性能表 350HL-15 VERTICAL MIXED-FLOW PUMP CHARACTERISTIC DATA**

| 水泵型号<br>Pump type | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 出水口径<br>(mm) |
|-------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|--------------|
|                   | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |              |
| 350HL-15          | 900          | 250       | 20                   | 1480                        | 65                 | 75                        | 75                  | 350          |
|                   | 1260         | 350       | 14.7                 |                             | 61                 |                           | 83                  |              |
|                   | 1440         | 400       | 10.2                 |                             | 51                 |                           | 79                  |              |

**350HL-19 立式混流泵工作性能表 350HL-19 VERTICAL MIXED-FLOW PUMP CHARACTERISTIC DATA**

| 水泵型号<br>Pump type | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 出水口径<br>(mm) |
|-------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|--------------|
|                   | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |              |
| 350HL-19          | 900          | 250       | 21.5                 | 1480                        | 71                 | 90                        | 74                  | 350          |
|                   | 1188         | 330       | 19.2                 |                             | 73                 |                           | 85                  |              |
|                   | 1440         | 400       | 14.4                 |                             | 71                 |                           | 80                  |              |

**Z (H) LB系列立式轴 (混) 流泵**
**性能曲线和性能参数表 Property curve and performance data**
**500HL-25 性能曲线图**  
500HL-25 CHARACTERISTIC CURVES

**500HLB-9 性能曲线图**  
500HLB-9 CHARACTERISTIC CURVES

**500HL-25 工作性能表 500HL-25 CHARACTERISTIC DATA**

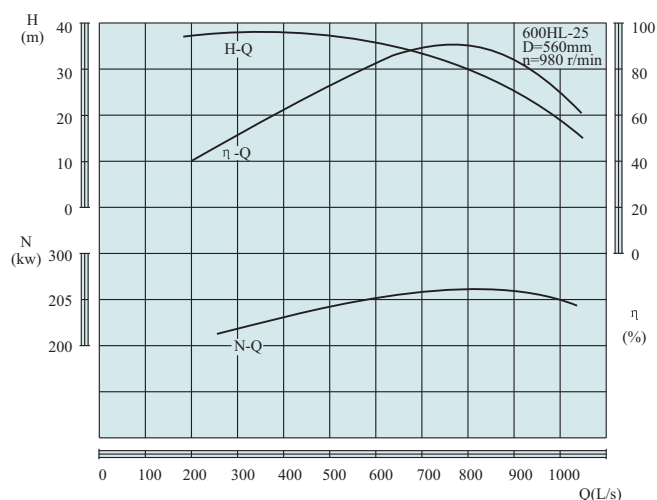
| 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
| 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| 1634.04      | 453.9     | 29.85                | 980                         | 179.5              | 215                       | 74                  | 520                           |
| 1859.04      | 516.4     | 28.56                |                             | 181.9              |                           | 79.5                |                               |
| 2053.08      | 570.3     | 26.81                |                             | 183                |                           | 81.9                |                               |
| 2170.8       | 603       | 25.88                |                             | 184.8              |                           | 82.8                |                               |
| 2286         | 635       | 24.68                |                             | 185.1              |                           | 83                  |                               |
| 2344.68      | 651.3     | 24.06                |                             | 185.1              |                           | 83                  |                               |
| 2506.68      | 696.3     | 21.67                |                             | 184.9              |                           | 80                  |                               |

**500HLB-9 工作性能表 500HL-9 CHARACTERISTIC DATA**

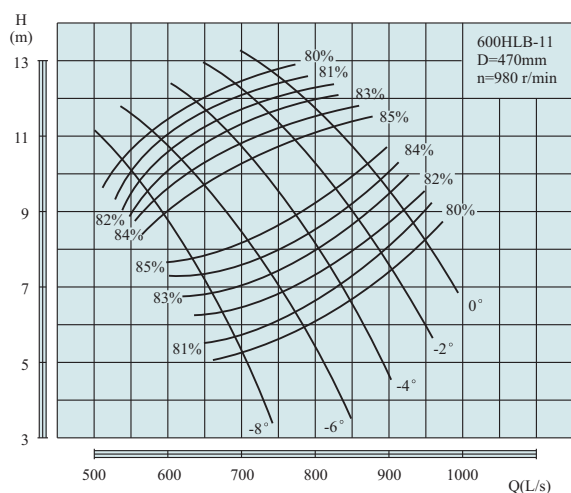
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -8°                 | 1936.8       | 538       | 4.467                | 980                         | 29.44              | 75                        | 80.0                | 430                           |
|                     | 1738.8       | 483       | 6.587                |                             | 36.68              |                           | 85.0                |                               |
|                     | 1634.4       | 454       | 7.495                |                             | 39.23              |                           | 85.0                |                               |
|                     | 1479.6       | 411       | 8.707                |                             | 43.84              |                           | 80.0                |                               |
|                     | 2163.6       | 601       | 4.921                |                             | 36.23              |                           | 80.0                |                               |
| -6°                 | 1947.6       | 541       | 6.928                |                             | 43.21              |                           | 85.0                |                               |
|                     | 1782.0       | 495       | 8.101                |                             | 46.23              |                           | 85.0                |                               |
|                     | 1594.8       | 443       | 9.312                |                             | 50.53              |                           | 80.0                |                               |
|                     | 2347.2       | 652       | 5.603                |                             | 44.75              |                           | 80.0                |                               |
|                     | 2138.4       | 594       | 7.495                |                             | 51.33              |                           | 85.0                |                               |
| -4°                 | 1972.8       | 548       | 8.707                |                             | 55.01              | 90                        | 85.0                | 430                           |
|                     | 1753.2       | 487       | 9.956                |                             | 59.40              |                           | 80.0                |                               |
|                     | 2494.8       | 693       | 6.246                |                             | 53.02              |                           | 80.0                |                               |
|                     | 2286.0       | 635       | 8.063                |                             | 59.03              |                           | 85.0                |                               |
|                     | 2138.4       | 594       | 9.123                |                             | 62.48              |                           | 85.0                |                               |
| -2°                 | 1900.8       | 528       | 10.335               |                             | 66.85              |                           | 80.0                |                               |
|                     | 2617.2       | 727       | 6.890                |                             | 61.36              |                           | 80.0                |                               |
|                     | 2397.6       | 666       | 8.593                |                             | 65.98              |                           | 85.0                |                               |
|                     | 2286.0       | 635       | 9.312                |                             | 68.17              |                           | 85.0                |                               |
|                     | 2034.0       | 565       | 10.600               |                             | 73.37              |                           | 80.0                |                               |

**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

600HL-25 性能曲线图  
600HL-25 CHARACTERISTIC CURVES



600HLB-11 性能曲线图  
600HLB-11 CHARACTERISTIC CURVES



600HL-25 工作性能表 600HL-25 CHARACTERISTIC DATA

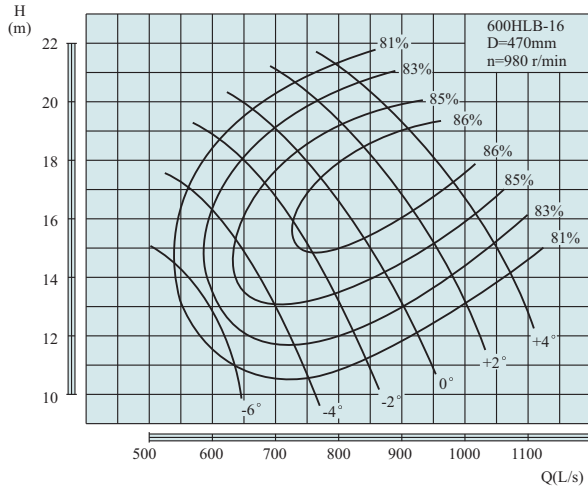
| 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
| 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| 2041.0       | 567       | 34.62                | 980                         | 248.6              | 315                       | 77.4                | 560                           |
| 2322         | 645       | 33.12                |                             | 257                |                           | 81.5                |                               |
| 2566.08      | 712.8     | 31.2                 |                             | 264.6              |                           | 82.4                |                               |
| 2711.52      | 753.2     | 30.01                |                             | 266                |                           | 83.3                |                               |
| 2842.96      | 789.7     | 28.8                 |                             | 265                |                           | 84                  |                               |
| 2928.6       | 813.5     | 27.91                |                             | 265                |                           | 84                  |                               |
| 8130.2       | 869.5     | 25.13                |                             | 262.8              |                           | 81.5                |                               |
| 3320.64      | 922.4     | 21.49                |                             | 260.9              |                           | 74.5                |                               |

600HLB-11 工作性能表 600HLB-11 CHARACTERISTIC DATA

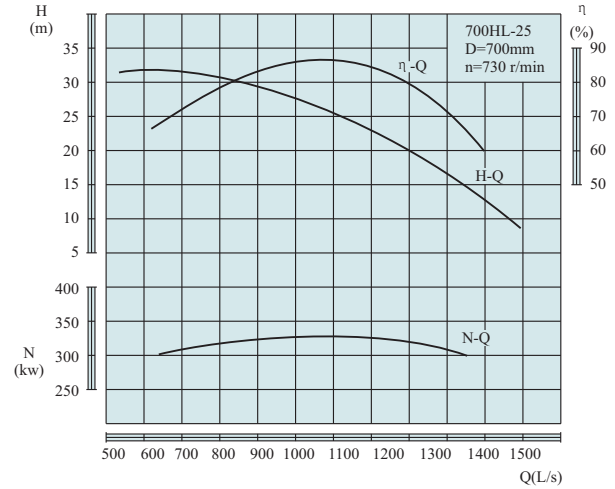
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -8°                 | 2527         | 702       | 5.34                 | 980                         | 46.1               | 75                        | 80                  | 470                           |
|                     | 2135         | 593       | 8.95                 |                             | 61.2               |                           | 85                  |                               |
|                     | 1933         | 537       | 10.40                |                             | 68.5               |                           | 80                  |                               |
| -6°                 | 2826         | 785       | 5.88                 |                             | 56.6               | 95                        | 80                  |                               |
|                     | 2326         | 646       | 9.68                 |                             | 72.1               |                           | 85                  |                               |
|                     | 2081         | 578       | 11.13                |                             | 78.8               |                           | 80                  |                               |
| -4°                 | 3064         | 851       | 6.69                 |                             | 69.8               | 115                       | 80                  |                               |
|                     | 2578         | 716       | 10.40                |                             | 85.9               |                           | 85                  |                               |
|                     | 2293         | 637       | 11.89                |                             | 92.8               |                           | 80                  |                               |
| -2°                 | 3258         | 905       | 7.46                 |                             | 82.7               | 130                       | 80                  |                               |
|                     | 2794         | 776       | 10.90                |                             | 97.6               |                           | 85                  |                               |
|                     | 2534         | 704       | 12.12                |                             | 103.3              |                           | 81                  |                               |
| 0°                  | 3416         | 949       | 8.23                 |                             | 95.7               | 130                       | 80                  |                               |
|                     | 2984         | 829       | 11.13                |                             | 106.4              |                           | 85                  |                               |
|                     | 2725         | 759       | 12.35                |                             | 113.2              |                           | 81                  |                               |

**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**

600HLB-16 性能曲线图  
600HLB-16 CHARACTERISTIC CURVES



700HL-25 性能曲线图  
700HL-25 CHARACTERISTIC CURVES



600HLB-16 工作性能表 600HLB-16 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 2304         | 640       | 10.91                | 980                         | 84.0               | 130                       | 81.0                | 470                           |
|                     | 2196         | 610       | 12.44                |                             | 96.5               |                           | 82.4                |                               |
|                     | 1944         | 540       | 14.46                |                             | 95.0               |                           | 81.0                |                               |
| -4°                 | 2736         | 760       | 10.49                |                             | 96.0               | 155                       | 81.0                |                               |
|                     | 2448         | 680       | 13.82                |                             | 109.0              |                           | 85.2                |                               |
|                     | 2304         | 640       | 15.25                |                             | 112.0              |                           | 85.0                |                               |
|                     | 2016         | 560       | 17.08                |                             | 116.0              |                           | 81.0                |                               |
| -2°                 | 2988         | 830       | 12.14                |                             | 119.0              | 185                       | 83.0                |                               |
|                     | 2736         | 760       | 15.00                |                             | 129.0              |                           | 86.2                |                               |
|                     | 2628         | 730       | 15.89                |                             | 132.0              |                           | 86.0                |                               |
|                     | 2196         | 610       | 18.61                |                             | 138.0              |                           | 81.0                |                               |
| 0°                  | 3240         | 900       | 13.03                |                             | 139.0              | 215                       | 83.0                |                               |
|                     | 2952         | 820       | 16.11                |                             | 150.0              |                           | 86.5                |                               |
|                     | 2772         | 770       | 17.32                |                             | 152.0              |                           | 86.0                |                               |
|                     | 2160         | 600       | 20.23                |                             | 158.0              |                           | 76.0                |                               |
| +2°                 | 3528         | 980       | 14.11                |                             | 164.0              |                           | 83.0                |                               |
|                     | 3168         | 880       | 17.50                |                             | 174.0              |                           | 87.0                |                               |
|                     | 3024         | 840       | 18.46                |                             | 177.0              |                           | 86.0                |                               |
|                     | 2448         | 680       | 21.32                |                             | 186.0              |                           | 76.0                |                               |
| +4°                 | 3816         | 1060      | 15.20                |                             | 190.0              |                           | 83.0                |                               |
|                     | 3420         | 950       | 18.26                |                             | 196.0              |                           | 86.5                |                               |
|                     | 3312         | 920       | 19.10                |                             | 199.0              |                           | 86.0                |                               |
|                     | 2628         | 730       | 21.91                |                             | 202.0              |                           | 77.0                |                               |

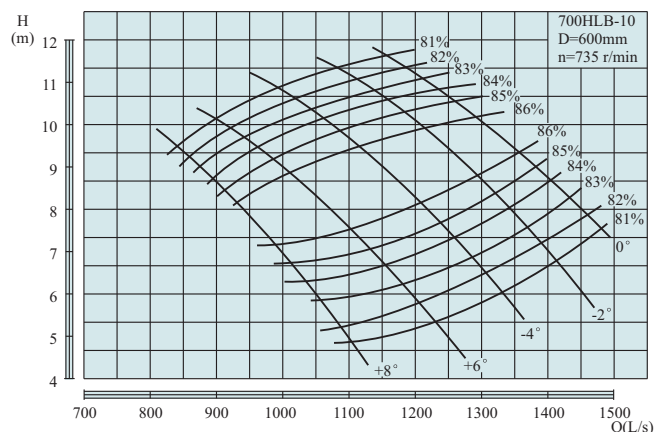
700HL-25 工作性能表 700HL-25 CHARACTERISTIC DATA

| 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
| 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| 2969.64      | 824.9     | 30.02                | 730                         | 324                | 355或380                   | 76.4                | 700                           |
| 3378.24      | 938.4     | 28.71                |                             | 329                |                           | 82.0                |                               |
| 3769.92      | 1047.2    | 27.1                 |                             | 340                |                           | 83.4                |                               |
| 3944.52      | 1095.7    | 26.02                |                             | 338                |                           | 84.3                |                               |
| 4120.2       | 1144.5    | 24.82                |                             | 334                |                           | 85                  |                               |
| 4260.6       | 1183.5    | 24.19                |                             | 338                |                           | 85                  |                               |
| 4554.72      | 1265.2    | 21.78                |                             | 334                |                           | 82.5                |                               |
| 4830.84      | 1341.9    | 18.63                |                             | 331                |                           | 75.5                |                               |
| 5092.56      | 1414.6    | 15.94                |                             | 321                |                           | 70.2                |                               |

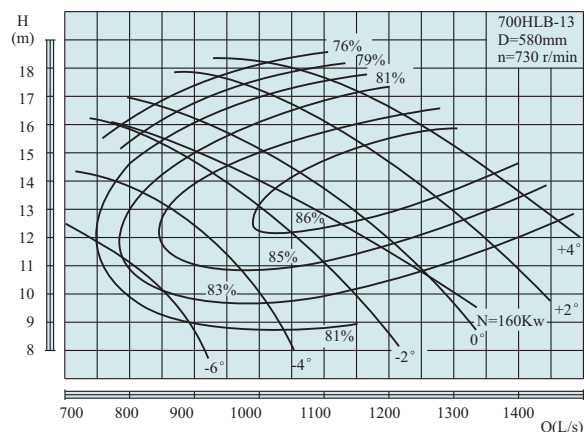


**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

700HLB-10 性能曲线图  
700HLB-10 CHARACTERISTIC CURVES



700HLB-13 性能曲线图  
700HLB-13 CHARACTERISTIC CURVES



700HLB-10 工作性能表 700HLB-10 CHARACTERISTIC DATA

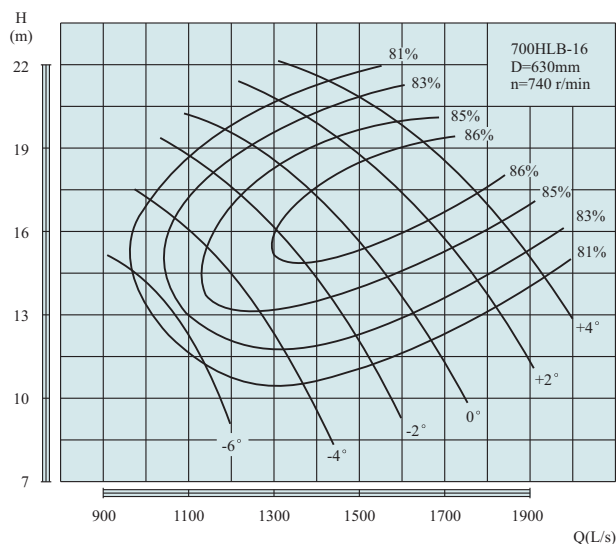
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -8°                 | 3946         | 1096      | 4.89                 | 735                         | 64.9               | 110                       | 81                  | 600                           |
|                     | 3334         | 926       | 8.21                 |                             | 86.7               |                           | 86                  |                               |
|                     | 3013         | 837       | 9.54                 |                             | 96.6               |                           | 81                  |                               |
| -6°                 | 4410         | 1225      | 5.39                 |                             | 79.9               | 130                       | 81                  |                               |
|                     | 3629         | 1008      | 8.87                 |                             | 101.9              |                           | 86                  |                               |
|                     | 3247         | 902       | 10.20                |                             | 111.4              |                           | 81                  |                               |
| -4°                 | 4781         | 1328      | 6.14                 |                             | 98.7               | 155                       | 81                  |                               |
|                     | 4021         | 1117      | 9.54                 |                             | 121.5              |                           | 86                  |                               |
|                     | 3575         | 993       | 10.90                |                             | 131.0              |                           | 81                  |                               |
| -2°                 | 5083         | 1412      | 6.84                 |                             | 116.9              | 180                       | 81                  |                               |
|                     | 4356         | 1210      | 10.00                |                             | 137.9              |                           | 86                  |                               |
|                     | 4061         | 1128      | 10.90                |                             | 145.2              |                           | 83                  |                               |
| 0°                  | 5332         | 1481      | 7.55                 |                             | 135.3              | 180                       | 81                  |                               |
|                     | 4655         | 1293      | 10.20                |                             | 150.3              |                           | 86                  |                               |
|                     | 4147         | 1152      | 11.61                |                             | 161.9              |                           | 81                  |                               |

700HLB-13 工作性能表 700HLB-13 CHARACTERISTIC DATA

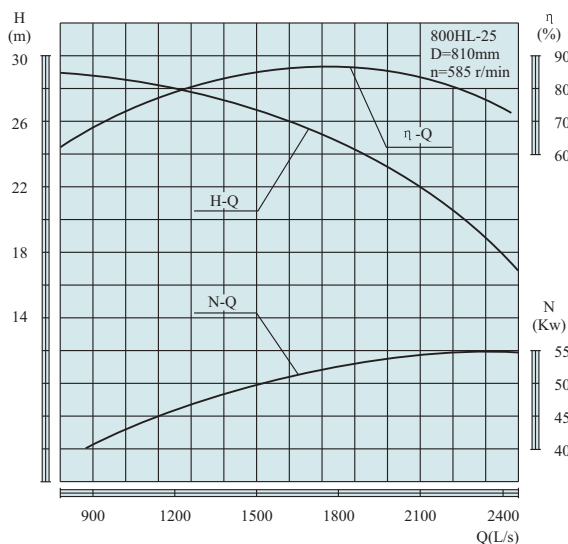
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 3222         | 895       | 9.0                  | 730                         | 97.5               | 130                       | 81                  | 580                           |
|                     | 2934         | 815       | 11.0                 |                             | 105.9              |                           | 83                  |                               |
|                     | 2700         | 750       | 12.0                 |                             | 108.9              |                           | 81                  |                               |
| -4°                 | 3762         | 1045      | 8.7                  |                             | 110.0              | 155                       | 81                  |                               |
|                     | 3348         | 930       | 12.0                 |                             | 128.7              |                           | 85                  |                               |
|                     | 2800         | 778       | 14.0                 |                             | 131.8              |                           | 81                  |                               |
| -2°                 | 4140         | 1150      | 10.0                 |                             | 135.9              | 180                       | 83                  |                               |
|                     | 3672         | 1020      | 13.0                 |                             | 151.2              |                           | 86                  |                               |
|                     | 3060         | 850       | 15.4                 |                             | 158.5              |                           | 81                  |                               |
| 0°                  | 4536         | 1260      | 10.7                 |                             | 159.3              | 210                       | 83                  |                               |
|                     | 4140         | 1150      | 13.0                 |                             | 170.4              |                           | 86                  |                               |
|                     | 3132         | 870       | 16.5                 |                             | 178.2              |                           | 79                  |                               |
| +2°                 | 4918         | 1366      | 11.7                 |                             | 188.9              | 245                       | 83                  |                               |
|                     | 4500         | 1250      | 14.0                 |                             | 199.5              |                           | 86                  |                               |
|                     | 3661         | 1017      | 17.1                 |                             | 210.5              |                           | 81                  |                               |
| +4°                 | 5310         | 1457      | 12.6                 |                             | 216.9              | 260                       | 83                  |                               |
|                     | 4752         | 1320      | 15.0                 |                             | 225.8              |                           | 86                  |                               |
|                     | 3859         | 1072      | 17.9                 |                             | 238.2              |                           | 79                  |                               |

**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**

700HLB-16 性能曲线图  
700HLB-16 CHARACTERISTIC CURVES



800HL-25 性能曲线图  
800HL-25 CHARACTERISTIC CURVES



700HLB-16 工作性能表 700HLB-16 CHARACTERISTIC DATA

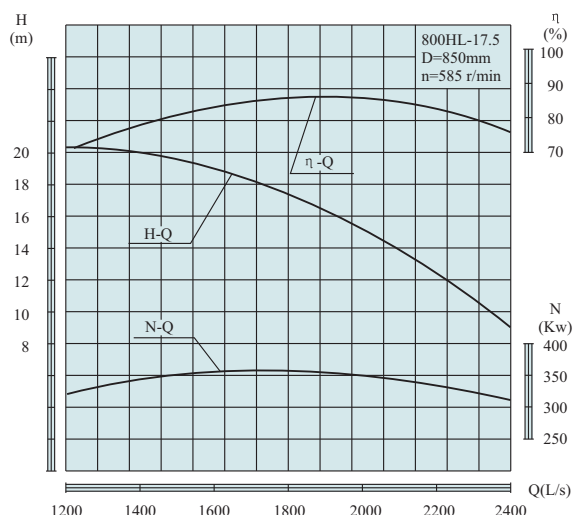
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 4140         | 1150      | 10.95                | 740                         | 152.0              | 210                       | 81.0                | 630                           |
|                     | 3960         | 1100      | 12.48                |                             | 163.0              |                           | 82.4                |                               |
|                     | 3528         | 980       | 14.52                |                             | 172.0              |                           | 81.0                |                               |
| -4°                 | 4932         | 1370      | 10.53                |                             | 174.0              | 245                       | 81.0                |                               |
|                     | 4428         | 1230      | 13.87                |                             | 196.0              |                           | 85.2                |                               |
|                     | 4140         | 1150      | 15.31                |                             | 202.0              |                           | 85.0                |                               |
|                     | 3636         | 1010      | 17.14                |                             | 210.0              |                           | 81.0                |                               |
| -2°                 | 5364         | 1490      | 12.19                |                             | 214.0              | 260                       | 83.0                |                               |
|                     | 4896         | 1360      | 15.06                |                             | 233.0              |                           | 86.2                |                               |
|                     | 4716         | 1310      | 15.95                |                             | 238.0              |                           | 86.0                |                               |
|                     | 3960         | 1100      | 18.68                |                             | 249.0              |                           | 81.0                |                               |
| 0°                  | 5868         | 1630      | 13.08                |                             | 251.0              | 310                       | 83.0                |                               |
|                     | 5328         | 1480      | 16.17                |                             | 271.0              |                           | 86.2                |                               |
|                     | 5004         | 1390      | 17.39                |                             | 275.0              |                           | 86.0                |                               |
|                     | 3924         | 1090      | 20.31                |                             | 285.0              |                           | 76.0                |                               |
| +2°                 | 6372         | 1770      | 14.17                |                             | 296.0              | 380                       | 83.0                |                               |
|                     | 5724         | 1590      | 17.57                |                             | 315.0              |                           | 87.0                |                               |
|                     | 5436         | 1510      | 18.53                |                             | 320.0              |                           | 86.0                |                               |
|                     | 4392         | 1220      | 21.40                |                             | 337.0              |                           | 76.0                |                               |
| +4°                 | 6840         | 1900      | 15.26                |                             | 343.0              | 380                       | 83.0                |                               |
|                     | 6120         | 1700      | 18.33                |                             | 354.0              |                           | 86.5                |                               |
|                     | 5940         | 1650      | 19.17                |                             | 360.0              |                           | 86.0                |                               |
|                     | 4716         | 1310      | 22.0                 |                             | 366.0              |                           | 77.0                |                               |

800HL-25 工作性能表 800HL-25 CHARACTERISTIC DATA

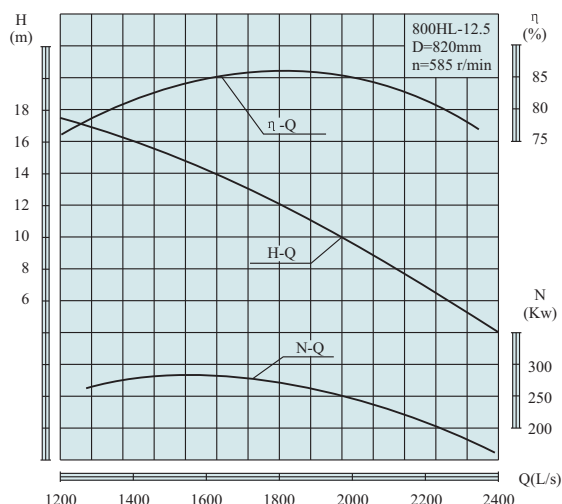
| 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
| 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| 4320         | 1200      | 28                   | 585                         | 452                | 630                       | 73                  | 810                           |
| 6480         | 1800      | 25                   |                             | 516                |                           | 85.5                |                               |
| 8640         | 2400      | 18                   |                             | 543                |                           | 78                  |                               |

**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

800HL-17.5 性能曲线图  
800HL-17.5 CHARACTERISTIC CURVES



800HL-12.5 性能曲线图  
800HL-12.5 CHARACTERISTIC CURVES



800HL-17.5 工作性能表 800HL-17.5 CHARACTERISTIC DATA

| 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
| 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| 5040         | 1400      | 19.8                 | 585                         | 344                | 450                       | 79                  | 850                           |
| 6480         | 1800      | 17.5                 |                             | 361                |                           | 85.5                |                               |
| 8640         | 2400      | 8.9                  |                             | 291                |                           | 72                  |                               |

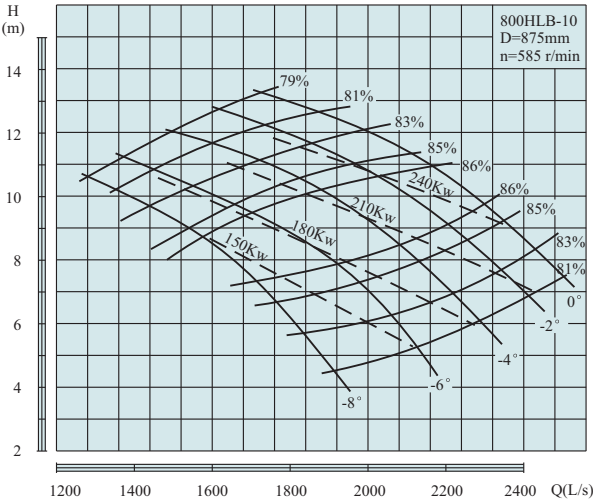
800HL-12.5 工作性能表 800HL-12.5 CHARACTERISTIC DATA

| 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
| 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| 5040         | 1400      | 16                   | 585                         | 278                | 315                       | 79                  | 820                           |
| 6480         | 1800      | 12.4                 |                             | 256                |                           | 85.5                |                               |
| 7920         | 2200      | 6.9                  |                             | 186                |                           | 80                  |                               |

**Z ( H ) LB系列立式轴 ( 混 ) 流泵**

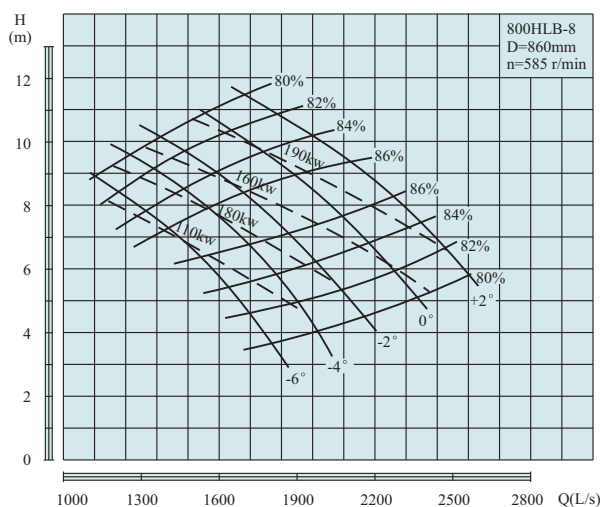
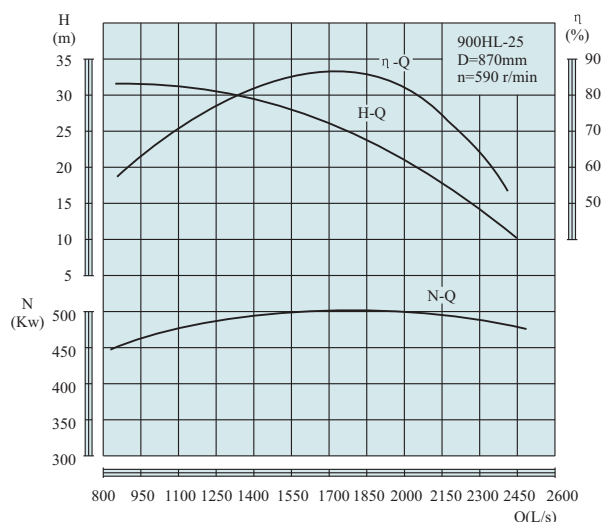
性能曲线和性能参数表 Property curve and performance data

800HLB-10 性能曲线图  
 800HLB-10 CHARACTERISTIC CURVES



800HLB-10 工作性能表 800HLB-10 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -8°                 | 4860         | 1350      | 10                   | 585                         | 164                | 180                       | 81                  | 875                           |
|                     | 5868         | 1630      | 8                    |                             | 149                |                           | 86                  |                               |
|                     | 6840         | 1900      | 4.5                  |                             | 104                |                           | 81                  |                               |
| -6°                 | 5292         | 1470      | 10.8                 |                             | 192                | 220                       | 81                  |                               |
|                     | 6480         | 1800      | 8.5                  |                             | 175                |                           | 86                  |                               |
|                     | 7560         | 2100      | 5.1                  |                             | 130                |                           | 81                  |                               |
| -4°                 | 5760         | 1600      | 11.5                 |                             | 223                | 250                       | 81                  |                               |
|                     | 7200         | 2000      | 9                    |                             | 205                |                           | 86                  |                               |
|                     | 8172         | 2270      | 5.9                  |                             | 162                |                           | 81                  |                               |
| -2°                 | 6228         | 1730      | 12.1                 |                             | 253                | 280                       | 81                  |                               |
|                     | 7524         | 2090      | 10                   |                             | 238                |                           | 86                  |                               |
|                     | 8640         | 2400      | 6.6                  |                             | 192                |                           | 81                  |                               |
| 0°                  | 6624         | 1840      | 12.6                 |                             | 281                | 315                       | 81                  |                               |
|                     | 7920         | 2200      | 10.5                 |                             | 264                |                           | 86                  |                               |
|                     | 9072         | 2520      | 7.4                  |                             | 238                |                           | 81                  |                               |

**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**
**800HLB-8 性能曲线图**  
800HLB-8 CHARACTERISTIC CURVES

**900HL-25 性能曲线图**  
900HL-25 CHARACTERISTIC CURVES

**800HLB-8 工作性能表 800HLB-8 CHARACTERISTIC DATA**

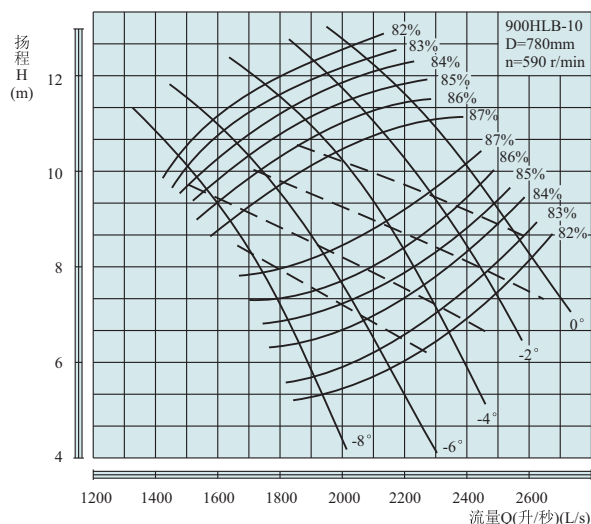
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 3816         | 1060      | 8.9                  | 585                         | 116                | 130                       | 80                  | 860                           |
|                     | 5112         | 1420      | 6.6                  |                             | 107                |                           | 86                  |                               |
|                     | 6264         | 1740      | 3.5                  |                             | 75                 |                           | 80                  |                               |
| -4°                 | 4248         | 1180      | 9.6                  |                             | 139                | 155                       | 80                  |                               |
|                     | 5688         | 1580      | 7.1                  |                             | 128                |                           | 86                  |                               |
|                     | 6948         | 1930      | 4                    |                             | 95                 |                           | 80                  |                               |
| -2°                 | 4680         | 1300      | 10.2                 |                             | 163                | 180                       | 80                  |                               |
|                     | 6300         | 1750      | 7.6                  |                             | 152                |                           | 86                  |                               |
|                     | 7632         | 2120      | 4.4                  |                             | 114                |                           | 80                  |                               |
| 0°                  | 5250         | 1450      | 10.8                 |                             | 192                | 220                       | 80                  |                               |
|                     | 7020         | 1950      | 8.2                  |                             | 183                |                           | 86                  |                               |
|                     | 8352         | 2320      | 5.0                  |                             | 142                |                           | 80                  |                               |
| +2°                 | 5904         | 1640      | 11.4                 |                             | 229                | 250                       | 80                  |                               |
|                     | 7704         | 2140      | 8.8                  |                             | 215                |                           | 86                  |                               |
|                     | 9000         | 2500      | 5.8                  |                             | 178                |                           | 80                  |                               |

**900HL-25 工作性能表 900HL-25 CHARACTERISTIC DATA**

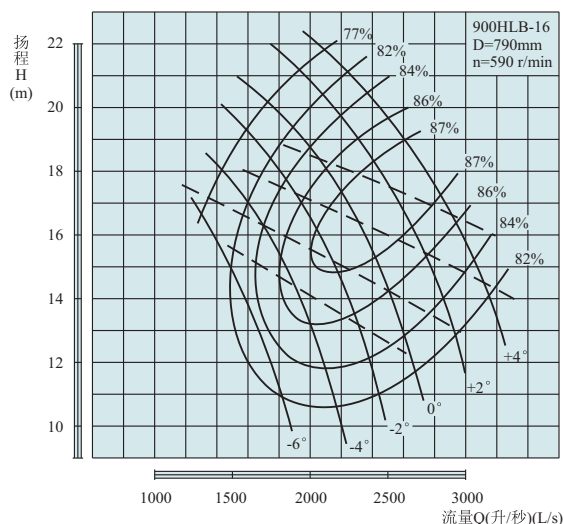
| 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
| 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| 4607.64      | 1279.9    | 30.29                | 590                         | 490.8              | 560                       | 77.4                | 870                           |
| 5241.6       | 1456      | 28.97                |                             | 498.2              |                           | 83                  |                               |
| 5849.64      | 1624.9    | 27.81                |                             | 518.2              |                           | 85.4                |                               |
| 6138.72      | 1705.2    | 26.26                |                             | 508.5              |                           | 86.3                |                               |
| 6443.64      | 1789.9    | 25.04                |                             | 507.8              |                           | 86.5                |                               |
| 6610.68      | 1836.3    | 24.41                |                             | 507.8              |                           | 86.5                |                               |
| 7067.52      | 1963.2    | 21.98                |                             | 506.4              |                           | 83.5                |                               |
| 7495.92      | 2082.2    | 18.8                 |                             | 501.5              |                           | 76.5                |                               |

**Z (H) LB系列立式轴 (混) 流泵**
**性能曲线和性能参数表 Property curve and performance data**

900HLB-10 性能曲线图  
900HLB-10 CHARACTERISTIC CURVES



900HLB-16 性能曲线图  
900HLB-16 CHARACTERISTIC CURVES



900HLB-10 工作性能表 900HLB-10 CHARACTERISTIC DATA

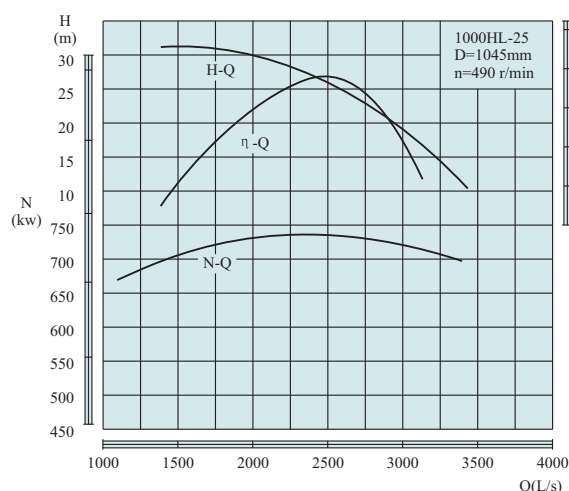
| 叶片安放角<br>Vane Angle | 流量Q<br>Capacity | 扬程H<br>Head | 转速n<br>Speed | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|-----------------|-------------|--------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/秒 (m³/s)     | 米 (m)       | 转/分 (r/min)  | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -8°                 | 1.98            | 5.33        | 590          | 123                | 210                       | 82                  | 780                           |
|                     | 1.63            | 8.94        |              | 165                |                           | 87                  |                               |
|                     | 1.48            | 10.38       |              | 184                |                           | 82                  |                               |
| -6°                 | 2.16            | 5.87        |              | 152                | 250                       | 82                  |                               |
|                     | 1.78            | 9.66        |              | 194                |                           | 87                  |                               |
|                     | 1.59            | 11.11       |              | 212                |                           | 82                  |                               |
| -4°                 | 2.34            | 6.68        |              | 187                | 280                       | 82                  |                               |
|                     | 1.97            | 10.38       |              | 231                |                           | 87                  |                               |
|                     | 1.75            | 11.87       |              | 249                |                           | 82                  |                               |
| -2°                 | 2.49            | 7.45        |              | 222                | 310                       | 82                  |                               |
|                     | 2.14            | 10.88       |              | 262                |                           | 87                  |                               |
|                     | 1.90            | 12.33       |              | 280                |                           | 82                  |                               |
| 0°                  | 2.61            | 8.22        | 257          | 355                | 82                        |                     |                               |
|                     | 2.39            | 10.25       | 277          |                    | 87                        |                     |                               |
|                     | 2.03            | 12.64       | 307          |                    | 82                        |                     |                               |

900HLB-16 工作性能表 900HLB-16 CHARACTERISTIC DATA

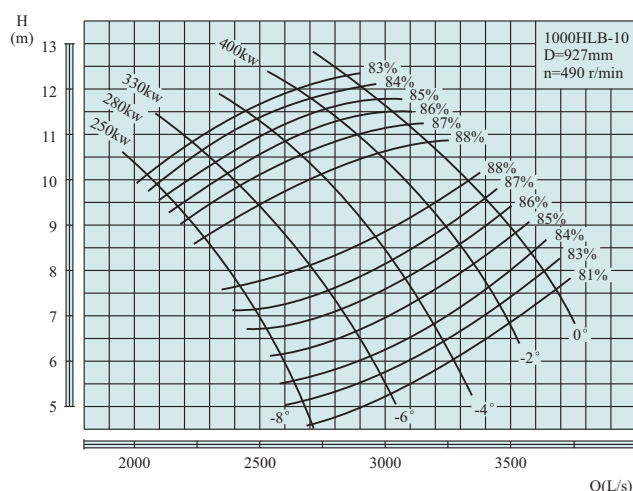
| 叶片安放角<br>Vane Angle | 流量Q<br>Capacity<br>米 <sup>3</sup> /秒 (m <sup>3</sup> /s) | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|----------------------------------------------------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     |                                                          |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 1.81                                                     | 10.94                | 590                         | 237                | 280                       | 82                  | 790                           |
|                     | 1.73                                                     | 12.40                |                             | 255                |                           | 83                  |                               |
|                     | 1.54                                                     | 14.51                |                             | 267                |                           | 82                  |                               |
| -4°                 | 2.15                                                     | 10.53                |                             | 270                | 330                       | 82                  |                               |
|                     | 1.93                                                     | 13.07                |                             | 305                |                           | 86.2                |                               |
|                     | 1.68                                                     | 16.36                |                             | 322                |                           | 84                  |                               |
| -2°                 | 2.34                                                     | 12.10                |                             | 333                | 400                       | 84                  |                               |
|                     | 2.14                                                     | 15.05                |                             | 363                |                           | 87.2                |                               |
|                     | 1.83                                                     | 18.03                |                             | 384                |                           | 84                  |                               |
| 0°                  | 2.56                                                     | 13.07                |                             | 390                | 480                       | 84                  |                               |
|                     | 2.32                                                     | 16.16                |                             | 420                |                           | 87.5                |                               |
|                     | 1.71                                                     | 20.30                |                             | 442                |                           | 77                  |                               |
| +2°                 | 2.79                                                     | 14.16                |                             | 460                | 560                       | 84                  |                               |
|                     | 2.50                                                     | 17.56                |                             | 492                |                           | 87.5                |                               |
|                     | 1.92                                                     | 21.39                |                             | 522                |                           | 77                  |                               |
| +4°                 | 2.99                                                     | 15.25                |                             | 532                | 630                       | 84                  |                               |
|                     | 2.68                                                     | 18.32                |                             | 550                |                           | 87.5                |                               |
|                     | 2.24                                                     | 21.29                |                             | 570                |                           | 82                  |                               |

**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

1000HL-25 性能曲线图  
1000HL-25 CHARACTERISTIC CURVES



1000HLB-10 性能曲线图  
1000HLB-10 CHARACTERISTIC CURVES



1000HL-25 工作性能表 1000HL-25 CHARACTERISTIC DATA

| 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
| 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| 6631.56      | 1842.1    | 30.14                | 490                         | 703                | 800                       | 77.4                | 1045                          |
| 7544.16      | 2095.6    | 28.83                |                             | 713                |                           | 83                  |                               |
| 8419.32      | 2338.7    | 27.68                |                             | 743                |                           | 85.4                |                               |
| 8809.2       | 2447      | 26.55                |                             | 738                |                           | 86.3                |                               |
| 9208.44      | 2557.9    | 25.29                |                             | 732                |                           | 86.6                |                               |
| 9514.44      | 2642.9    | 24.29                |                             | 727                |                           | 86.5                |                               |
| 10171.8      | 2825.5    | 21.87                |                             | 725                |                           | 83.5                |                               |
| 10788.48     | 2996.8    | 18.71                |                             | 718                |                           | 76.5                |                               |

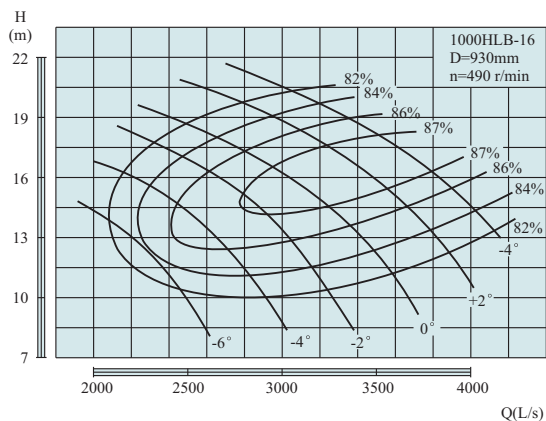
1000HLB-10 工作性能表 1000HLB-10 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -8°                 | 9712.8       | 2698      | 5.11                 | 490                         | 163                | 250                       | 83                  | 927                           |
|                     | 8722.8       | 2423      | 7.67                 |                             | 207                |                           | 88                  |                               |
|                     | 8215.2       | 2282      | 8.64                 |                             | 220                |                           | 88                  |                               |
|                     | 7581.6       | 2106      | 9.91                 |                             | 247                |                           | 83                  |                               |
|                     | 10832.4      | 3009      | 5.72                 |                             | 204                | 330                       | 83                  |                               |
| -6°                 | 9752.4       | 2709      | 8.11                 |                             | 245                |                           | 88                  |                               |
|                     | 8971.2       | 2492      | 9.47                 |                             | 263                |                           | 88                  |                               |
|                     | 8031.6       | 2231      | 10.84                |                             | 286                |                           | 83                  |                               |
|                     | 11768.4      | 3269      | 6.49                 |                             | 251                | 355                       | 83                  |                               |
| -4°                 | 10742.4      | 2984      | 8.75                 |                             | 291                |                           | 88                  |                               |
|                     | 9907.2       | 2752      | 10.13                |                             | 311                |                           | 88                  |                               |
|                     | 8812.8       | 2448      | 11.58                |                             | 335                |                           | 83                  |                               |
|                     | 12517.2      | 3477      | 7.27                 |                             | 299                | 400                       | 83                  |                               |
| -2°                 | 11458.8      | 3183      | 9.43                 |                             | 335                |                           | 88                  |                               |
|                     | 10720.8      | 2978      | 10.62                |                             | 353                |                           | 88                  |                               |
|                     | 9518.4       | 2644      | 12.05                |                             | 377                |                           | 83                  |                               |
|                     | 13114.8      | 3643      | 8.02                 |                             | 345                | 450                       | 83                  |                               |
| 0°                  | 12024        | 3340      | 10.03                |                             | 373                |                           | 88                  |                               |
|                     | 11498.4      | 3194      | 10.88                |                             | 387                |                           | 88                  |                               |
|                     | 10220.4      | 2839      | 12.34                |                             | 414                |                           | 83                  |                               |

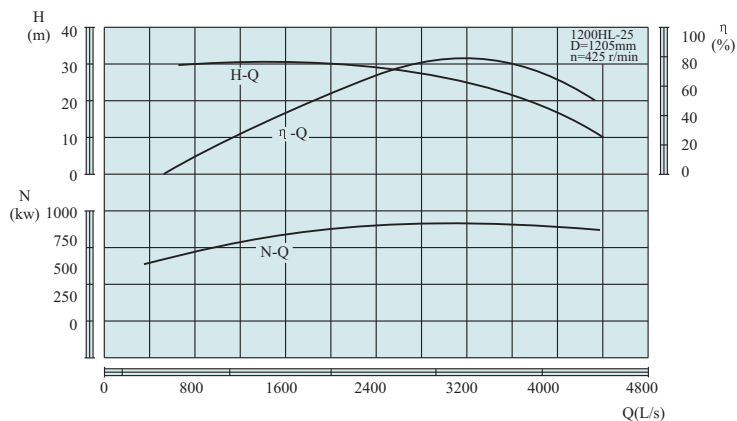


**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**

1000HLB-16 性能曲线图  
1000HLB-16 CHARACTERISTIC CURVES



1200HL-25 性能曲线图  
1200HL-25 CHARACTERISTIC CURVES



1000HLB-16 工作性能表 1000HLB-16 CHARACTERISTIC DATA

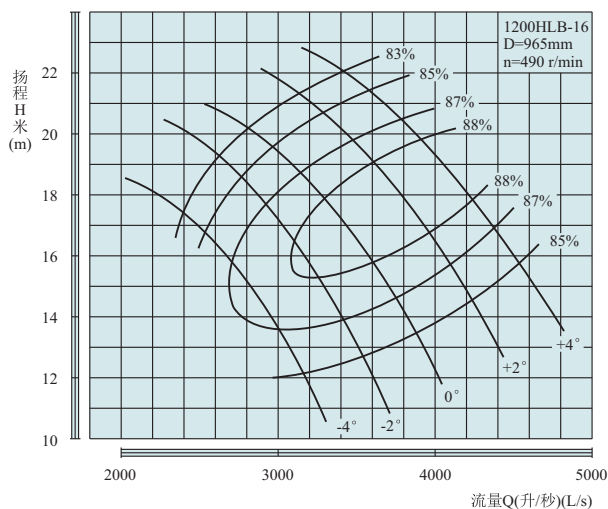
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 8820         | 2450      | 10.46                | 490                         | 307.0              | 440                       | 82.0                | 930                           |
|                     | 8424         | 2340      | 11.93                |                             | 328.0              |                           | 83.4                |                               |
|                     | 7524         | 2090      | 13.87                |                             | 346.0              |                           | 82.0                |                               |
| -4°                 | 10476        | 2910      | 10.06                |                             | 350.0              | 560                       | 82.0                |                               |
|                     | 9432         | 2620      | 13.25                |                             | 395.0              |                           | 86.2                |                               |
|                     | 8784         | 2440      | 14.63                |                             | 407.0              |                           | 86.0                |                               |
|                     | 7776         | 2160      | 16.38                |                             | 423.0              |                           | 82.0                |                               |
| -2°                 | 11412        | 3170      | 11.64                |                             | 431.0              | 630                       | 84.0                |                               |
|                     | 10440        | 2900      | 14.39                |                             | 470.0              |                           | 87.2                |                               |
|                     | 10044        | 2790      | 15.24                |                             | 479.0              |                           | 87.0                |                               |
|                     | 8460         | 2350      | 17.85                |                             | 501.0              |                           | 82.0                |                               |
| 0°                  | 12492        | 3470      | 12.50                |                             | 506.0              | 710                       | 84.0                |                               |
|                     | 11340        | 3150      | 15.45                |                             | 544.0              |                           | 87.5                |                               |
|                     | 10620        | 2950      | 16.61                |                             | 553.0              |                           | 87.0                |                               |
|                     | 8352         | 2320      | 19.41                |                             | 572.0              |                           | 77.0                |                               |
| +2°                 | 13572        | 3770      | 13.54                |                             | 596.0              | 800                       | 84.0                |                               |
|                     | 12204        | 3390      | 16.79                |                             | 633.0              |                           | 88.0                |                               |
|                     | 11628        | 3230      | 17.70                |                             | 643.0              |                           | 87.0                |                               |
|                     | 9360         | 2600      | 20.45                |                             | 676.0              |                           | 77.0                |                               |
| +4°                 | 14580        | 4050      | 14.58                |                             | 689.0              |                           | 84.0                |                               |
|                     | 13068        | 3630      | 17.51                |                             | 712.0              |                           | 87.5                |                               |
|                     | 12636        | 3510      | 18.32                |                             | 724.0              |                           | 87.0                |                               |
|                     | 10008        | 2780      | 21.02                |                             | 735.0              |                           | 78.0                |                               |

1200HL-25 工作性能表 1200HL-25 CHARACTERISTIC DATA

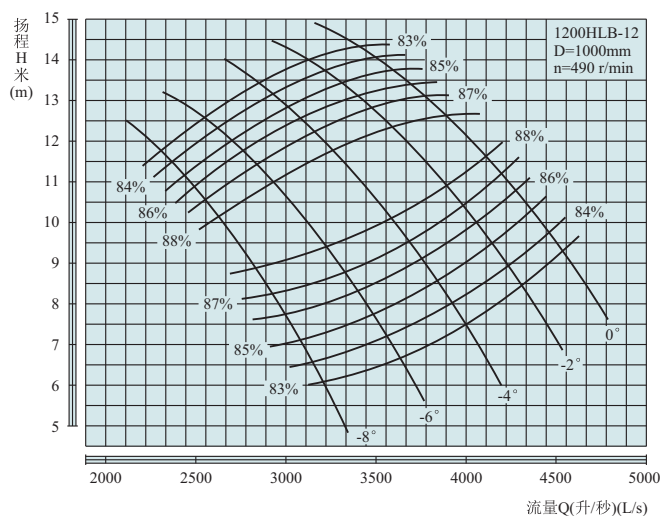
| 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
| 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| 8818.92      | 2449.7    | 30.15                | 425                         | 929                | 1100                      | 77.9                | 1205                          |
| 10032.48     | 2786.8    | 28.84                |                             | 943                |                           | 83.5                |                               |
| 11196.36     | 3110.1    | 27.68                |                             | 978                |                           | 85.9                |                               |
| 11715.12     | 3254.2    | 26.29                |                             | 966                |                           | 86.8                |                               |
| 12236.4      | 3399      | 25.17                |                             | 964                |                           | 87                  |                               |
| 12653.1      | 3514.75   | 24.3                 |                             | 962                |                           | 87                  |                               |
| 13527.14     | 3757.54   | 21.88                |                             | 960                |                           | 84                  |                               |
| 14347.26     | 3985.35   | 18.71                |                             | 947                |                           | 77.2                |                               |

**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

1200HLB-16 性能曲线图  
1200HLB-16 CHARACTERISTIC CURVES



1200HLB-12 性能曲线图  
1200HLB-12 CHARACTERISTIC CURVES



1200HLB-16 工作性能表 1200HLB-16 CHARACTERISTIC DATA

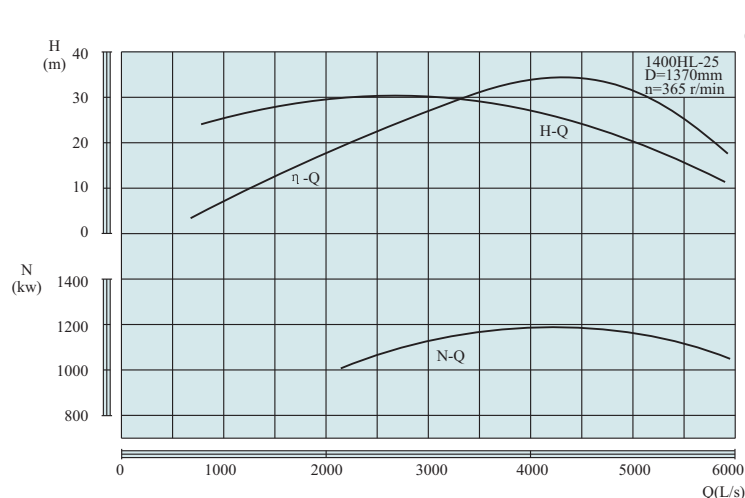
| 叶片安放角<br>Vane Angle | 流量Q<br>Capacity<br>米³/秒 (m³/s) | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------------------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     |                                |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -4°                 | 3.16                           | 12.07                | 490                         | 440                | 560                       | 85                  | 965                           |
|                     | 2.93                           | 14.27                |                             | 477                |                           | 86                  |                               |
|                     | 2.42                           | 17.63                |                             | 505                |                           | 83                  |                               |
| -2°                 | 3.54                           | 12.54                |                             | 513                | 630                       | 85                  |                               |
|                     | 3.24                           | 15.49                |                             | 560                |                           | 88                  |                               |
|                     | 2.63                           | 19.21                |                             | 597                |                           | 83                  |                               |
| 0°                  | 3.87                           | 13.45                |                             | 601                | 710                       | 85                  |                               |
|                     | 3.30                           | 17.89                |                             | 658                |                           | 88                  |                               |
|                     | 2.80                           | 20.18                |                             | 668                |                           | 83                  |                               |
| +2°                 | 4.22                           | 14.58                |                             | 710                | 800                       | 85                  |                               |
|                     | 3.78                           | 18.07                |                             | 762                |                           | 88                  |                               |
|                     | 3.28                           | 20.64                |                             | 781                |                           | 85                  |                               |
| +4°                 | 4.53                           | 15.70                |                             | 821                | 1000                      | 85                  |                               |
|                     | 4.06                           | 18.86                |                             | 854                |                           | 88                  |                               |
|                     | 3.39                           | 21.92                |                             | 879                |                           | 83                  |                               |

1200HLB-12 工作性能表 1200HLB-12 CHARACTERISTIC DATA

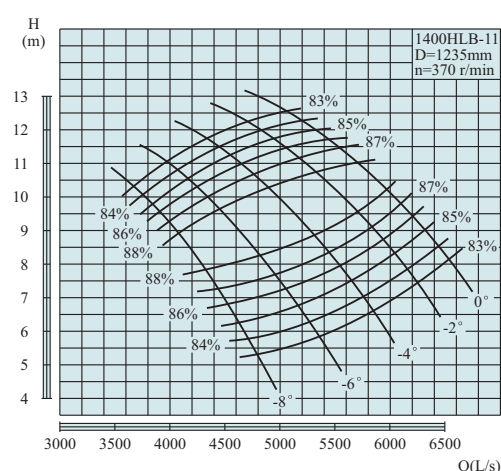
| 叶片安放角<br>Vane Angle | 流量Q<br>Capacity<br>米³/秒 (m³/s) | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------------------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     |                                |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| 0°                  | 4.56                           | 9.28                 | 490                         | 500                | 630                       | 83                  | 1000                          |
|                     | 4.46                           | 10.00                |                             | 521                |                           | 84                  |                               |
|                     | 4.12                           | 12.00                |                             | 551                |                           | 88                  |                               |
|                     | 3.82                           | 13.38                |                             | 583                |                           | 86                  |                               |
|                     | 3.55                           | 14.33                |                             | 601                |                           | 83                  |                               |
| -2°                 | 4.36                           | 8.49                 |                             | 438                | 560                       | 83                  |                               |
|                     | 4.15                           | 9.94                 |                             | 470                |                           | 86                  |                               |
|                     | 3.90                           | 11.50                |                             | 510                |                           | 88                  |                               |
|                     | 3.55                           | 13.16                |                             | 533                |                           | 86                  |                               |
|                     | 3.31                           | 14.02                |                             | 548                |                           | 83                  |                               |
| -4°                 | 4.09                           | 7.53                 |                             | 364                | 500                       | 83                  |                               |
|                     | 3.90                           | 9.07                 |                             | 403                |                           | 86                  |                               |
|                     | 3.73                           | 10.17                |                             | 423                |                           | 88                  |                               |
|                     | 3.27                           | 12.60                |                             | 470                |                           | 86                  |                               |
|                     | 3.07                           | 13.45                |                             | 487                |                           | 83                  |                               |
| -6°                 | 3.77                           | 6.65                 |                             | 296                | 450                       | 83                  |                               |
|                     | 3.56                           | 8.33                 |                             | 339                |                           | 86                  |                               |
|                     | 3.17                           | 10.95                |                             | 387                |                           | 88                  |                               |
|                     | 2.98                           | 11.72                |                             | 398                |                           | 86                  |                               |
|                     | 2.79                           | 12.61                |                             | 416                |                           | 83                  |                               |
| -8°                 | 3.38                           | 6.10                 |                             | 244                | 400                       | 83                  |                               |
|                     | 3.19                           | 7.82                 |                             | 284                |                           | 86                  |                               |
|                     | 2.90                           | 10.01                |                             | 324                |                           | 88                  |                               |
|                     | 2.74                           | 10.89                |                             | 344                |                           | 86                  |                               |
|                     | 2.59                           | 11.77                |                             | 364                |                           | 83                  |                               |

**Z ( H ) LB系列立式轴（混）流泵**
**性能曲线和性能参数表 Property curve and performance data**

1400HL-25 性能曲线图  
1400HL-25 CHARACTERISTIC CURVES



1400HLB-11 性能曲线图  
1400HLB-11 CHARACTERISTIC CURVES



1400HL-25 工作性能表 1400HL-25 CHARACTERISTIC DATA

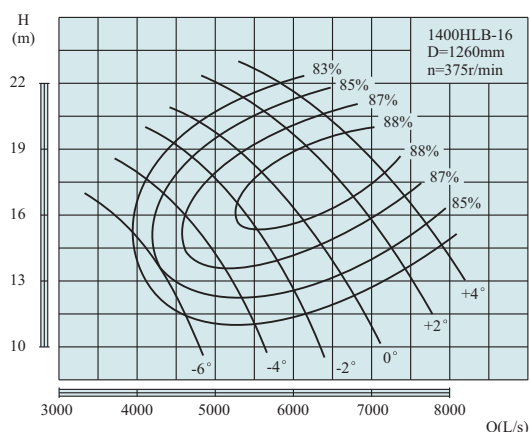
| 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                          | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|--------------|-----------|----------------------|-----------------------------|--------------------|--------------------------|---------------------|-------------------------------|
| 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机功率<br>Required Power |                     |                               |
| 11259.36     | 3127.6    | 29.08                | 365                         | 1137               | 1250                     | 78.4                | 1370                          |
| 12808.8      | 3558      | 27.82                |                             | 1155               |                          | 84                  |                               |
| 14294.52     | 3970.7    | 26.7                 |                             | 1203               |                          | 86.4                |                               |
| 15265.08     | 4240.3    | 25.21                |                             | 1200               |                          | 87.3                |                               |
| 15750.36     | 4375.1    | 24.04                |                             | 1178               |                          | 87.5                |                               |
| 16126.2      | 4479.5    | 23.44                |                             | 1176               |                          | 87.5                |                               |
| 17270.28     | 4797.3    | 21.1                 |                             | 1174               |                          | 84.5                |                               |
| 18317.52     | 5088.2    | 18.05                |                             | 1161               |                          | 77.5                |                               |

1400HLB-11 工作性能表 1400HLB-11 CHARACTERISTIC DATA

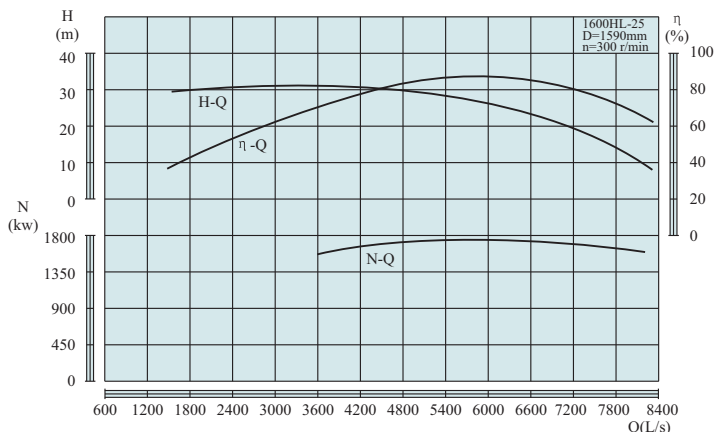
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                          | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|--------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机功率<br>Required Power |                     |                               |
| -8°                 | 17352        | 4820      | 5.31                 | 370                         | 302                | 500                      | 83                  | 1235                          |
|                     | 14652        | 4070      | 8.85                 |                             | 401                |                          | 88                  |                               |
|                     | 13788        | 3830      | 9.74                 |                             | 430                |                          | 85                  |                               |
|                     | 13248        | 3680      | 10.25                |                             | 446                |                          | 83                  |                               |
| -6°                 | 19332        | 5370      | 5.79                 |                             | 368                | 560                      | 83                  |                               |
|                     | 16020        | 4450      | 9.62                 |                             | 478                |                          | 88                  |                               |
|                     | 14940        | 4150      | 10.47                |                             | 501                |                          | 85                  |                               |
|                     | 14328        | 3980      | 10.98                |                             | 516                |                          | 83                  |                               |
| -4°                 | 20988        | 5830      | 6.56                 |                             | 452                | 630                      | 83                  |                               |
|                     | 19152        | 5320      | 8.85                 |                             | 525                |                          | 88                  |                               |
|                     | 17172        | 4770      | 10.63                |                             | 572                |                          | 87                  |                               |
|                     | 15732        | 4370      | 11.71                |                             | 605                |                          | 83                  |                               |
| -2°                 | 22032        | 6120      | 7.76                 |                             | 554                | 710                      | 84                  |                               |
|                     | 20952        | 5820      | 9.06                 |                             | 594                |                          | 87                  |                               |
|                     | 19152        | 5320      | 10.75                |                             | 637                |                          | 88                  |                               |
|                     | 18684        | 5190      | 11.14                |                             | 652                |                          | 87                  |                               |
| 0°                  | 16992        | 4720      | 12.21                |                             | 681                |                          | 83                  |                               |
|                     | 23076        | 6410      | 8.50                 |                             | 636                | 800                      | 84                  |                               |
|                     | 21492        | 5970      | 10.14                |                             | 675                |                          | 88                  |                               |
|                     | 20520        | 5700      | 11.02                |                             | 700                |                          | 88                  |                               |
|                     | 19152        | 5320      | 11.94                |                             | 733                |                          | 85                  |                               |
|                     | 18216        | 5060      | 12.48                |                             | 746                |                          | 83                  |                               |

**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**性能曲线和性能参数表 Property curve and performance data**

1400HLB-16 性能曲线图  
1400HLB-16 CHARACTERISTIC CURVES



1600HL-25 性能曲线图  
1600HL-25 CHARACTERISTIC CURVES



1400HLB-16 工作性能表 1400HLB-16 CHARACTERISTIC DATA

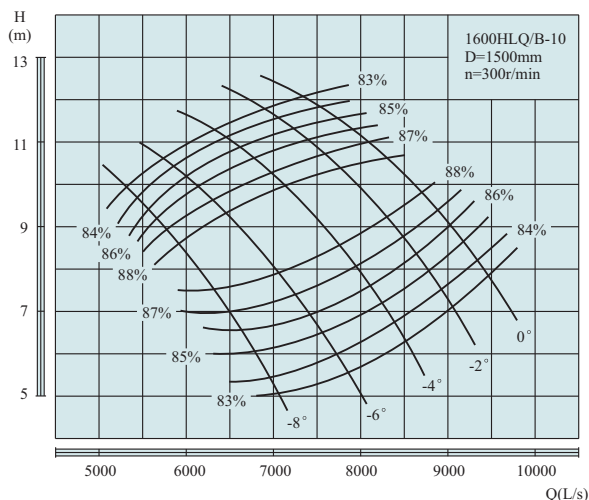
| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 16812        | 4670      | 11.25                | 375                         | 620.0              | 800                       | 83.0                | 1260                          |
|                     | 16020        | 4450      | 12.82                |                             | 663.0              |                           | 84.4                |                               |
|                     | 14328        | 3980      | 14.91                |                             | 700.0              |                           | 83.0                |                               |
| -4°                 | 19944        | 5540      | 10.82                |                             | 708.0              | 1000                      | 83.0                |                               |
|                     | 17964        | 4990      | 14.25                |                             | 799.0              |                           | 87.2                |                               |
|                     | 16704        | 4640      | 15.73                |                             | 823.0              |                           | 87.0                |                               |
|                     | 14796        | 4110      | 17.61                |                             | 855.0              |                           | 83.0                |                               |
| -2°                 | 21708        | 6030      | 12.52                |                             | 871.0              | 1250                      | 85.0                |                               |
|                     | 19908        | 5530      | 15.47                |                             | 950.0              |                           | 88.2                |                               |
|                     | 19116        | 5310      | 16.39                |                             | 969.0              |                           | 88.0                |                               |
|                     | 16128        | 4480      | 19.19                |                             | 1014.0             |                           | 83.0                |                               |
| 0°                  | 23760        | 6600      | 13.43                |                             | 1023.0             | 1600                      | 85.0                |                               |
|                     | 21564        | 5990      | 16.61                |                             | 1101.0             |                           | 88.5                |                               |
|                     | 20232        | 5620      | 17.86                |                             | 1118.0             |                           | 88.0                |                               |
|                     | 15876        | 4410      | 20.86                |                             | 1155.0             |                           | 78.0                |                               |
| +2°                 | 25848        | 7180      | 14.55                |                             | 1206.0             | 1600                      | 85.0                |                               |
|                     | 23220        | 6450      | 18.05                |                             | 1281.0             |                           | 89.0                |                               |
|                     | 22104        | 6140      | 19.03                |                             | 1302.0             |                           | 88.0                |                               |
|                     | 17786        | 4940      | 21.98                |                             | 1365.0             |                           | 78.0                |                               |
| +4°                 | 27756        | 7710      | 15.67                |                             | 1394.0             | 1600                      | 85.0                |                               |
|                     | 24876        | 6910      | 18.83                |                             | 1440.0             |                           | 88.5                |                               |
|                     | 24048        | 6680      | 19.69                |                             | 1465.0             |                           | 88.0                |                               |
|                     | 19080        | 5300      | 22.60                |                             | 1485.0             |                           | 79.0                |                               |

1600HL-25 工作性能表 1600HL-25 CHARACTERISTIC DATA

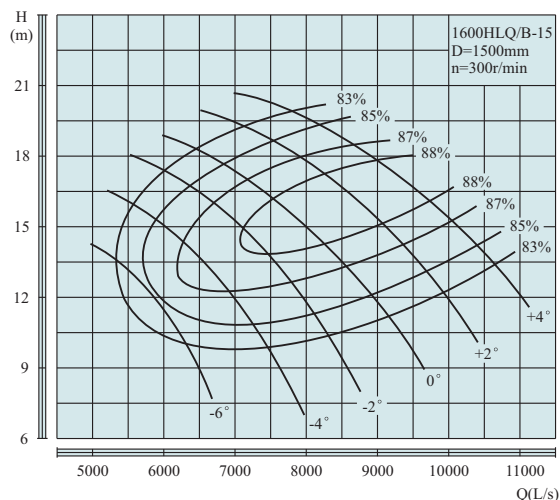
| 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
| 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| 15616.44     | 4337.9    | 30.66                | 300                         | 1652               | 2000                      | 78.9                | 1590                          |
| 17765.28     | 4934.8    | 29.32                |                             | 1678               |                           | 84.5                |                               |
| 19826.28     | 5507.3    | 29.15                |                             | 1748               |                           | 86.9                |                               |
| 21048.84     | 5846.9    | 26.57                |                             | 1734               |                           | 87.8                |                               |
| 22006.08     | 6112.8    | 25.34                |                             | 1725               |                           | 88                  |                               |
| 22405.68     | 6223.8    | 24.71                |                             | 1713               |                           | 88                  |                               |
| 23953.68     | 6653.8    | 22.25                |                             | 1707               |                           | 85                  |                               |
| 25405.92     | 7057.2    | 19.03                |                             | 1687               |                           | 78                  |                               |

**Z (H) LB系列立式轴 (混) 流泵**
**性能曲线和性能参数表 Property curve and performance data**

1600HLQ/B-10 性能曲线图  
1600HLQ/B-10 CHARACTERISTIC CURVES



1600HLQ/B-15 性能曲线图  
1600HLQ/B-15 CHARACTERISTIC CURVES



1600HLQ/B-10 工作性能表 1600HLQ/B-10 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -8°                 | 25146        | 6990      | 5.09                 | 300                         | 420.43             | 800                       | 83.0                | 1500                          |
|                     | 21240        | 5900      | 8.55                 |                             | 561.92             |                           | 88.0                |                               |
|                     | 20700        | 5750      | 9.09                 |                             | 576.32             |                           | 87.0                |                               |
|                     | 19224        | 5340      | 9.93                 |                             | 626.14             |                           | 83.0                |                               |
| -6°                 | 28116        | 7810      | 5.61                 |                             | 517.82             | 1000                      | 83.0                |                               |
|                     | 23148        | 6430      | 9.24                 |                             | 661.31             |                           | 88.0                |                               |
|                     | 22608        | 6280      | 9.63                 |                             | 680.79             |                           | 87.0                |                               |
|                     | 20700        | 5750      | 10.62                |                             | 721.40             |                           | 83.0                |                               |
| -4°                 | 30492        | 8470      | 6.39                 |                             | 639.00             | 1250                      | 83.0                |                               |
|                     | 25632        | 7120      | 9.93                 |                             | 787.42             |                           | 88.0                |                               |
|                     | 24948        | 6930      | 10.27                |                             | 802.49             |                           | 87.0                |                               |
|                     | 22788        | 6330      | 11.35                |                             | 849.13             |                           | 83.0                |                               |
| -2°                 | 32400        | 9000      | 7.12                 |                             | 757.32             | 1250                      | 83.0                |                               |
|                     | 27792        | 7720      | 10.40                |                             | 894.56             |                           | 88.0                |                               |
|                     | 27108        | 7530      | 10.75                |                             | 912.19             |                           | 87.0                |                               |
|                     | 24696        | 6860      | 11.78                |                             | 954.43             |                           | 83.0                |                               |
| 0°                  | 34020        | 9450      | 7.86                 |                             | 876.20             | 1250                      | 83.0                |                               |
|                     | 29700        | 8250      | 10.62                |                             | 975.18             |                           | 88.0                |                               |
|                     | 28872        | 8020      | 11.01                |                             | 994.59             |                           | 87.0                |                               |
|                     | 26460        | 7350      | 12.09                |                             | 1048.45            |                           | 83.0                |                               |

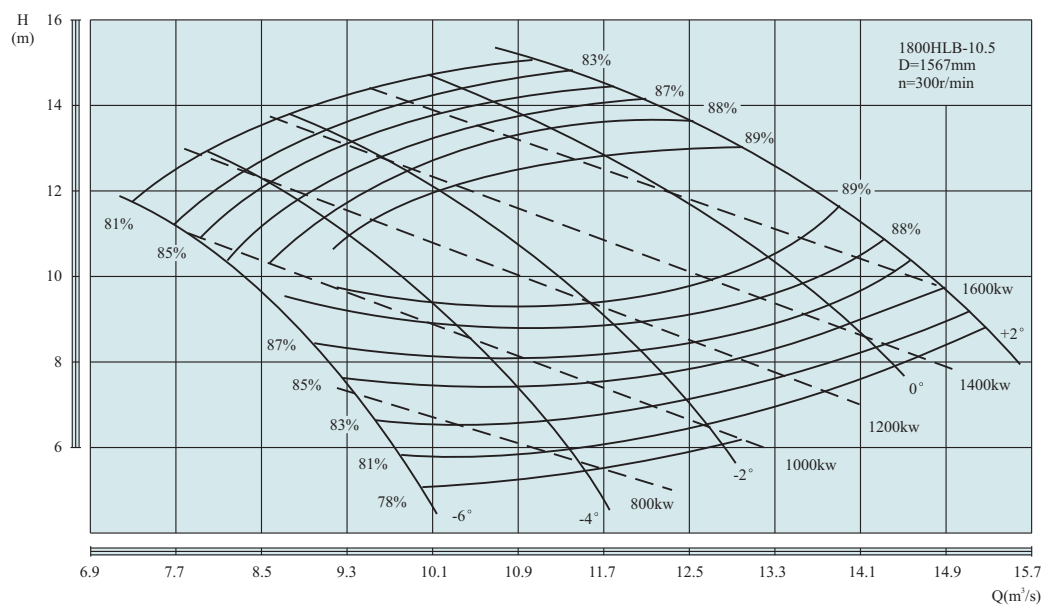
1600HLQ/B-15 工作性能表 1600HLQ/B-15 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |           | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-----------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 升/秒 (L/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| -6°                 | 22680        | 6300      | 10.20                | 300                         | 759.0              | 1000                      | 83.0                | 1500                          |
|                     | 21636        | 6010      | 11.63                |                             | 812.0              |                           | 84.4                |                               |
|                     | 19332        | 5370      | 13.52                |                             | 857.0              |                           | 83.0                |                               |
| -4°                 | 26928        | 7480      | 9.81                 |                             | 867.0              | 1250                      | 83.0                |                               |
|                     | 24228        | 6730      | 12.92                |                             | 978.0              |                           | 87.2                |                               |
|                     | 22572        | 6270      | 14.26                |                             | 1007.0             |                           | 87.0                |                               |
|                     | 19980        | 5550      | 15.97                |                             | 1047.0             |                           | 83.0                |                               |
| -2°                 | 29304        | 8140      | 11.36                |                             | 1066.0             | 1600                      | 85.0                |                               |
|                     | 26856        | 7460      | 14.03                |                             | 1163.0             |                           | 88.2                |                               |
|                     | 25812        | 7170      | 14.86                |                             | 1187.0             |                           | 88.0                |                               |
|                     | 21744        | 6040      | 17.40                |                             | 1241.0             |                           | 83.0                |                               |
| 0°                  | 32076        | 8910      | 12.19                |                             | 1252.0             | 2000                      | 85.0                |                               |
|                     | 29088        | 8080      | 15.07                |                             | 1348.0             |                           | 88.5                |                               |
|                     | 27288        | 7580      | 16.20                |                             | 1368.0             |                           | 88.0                |                               |
|                     | 21420        | 5950      | 18.93                |                             | 1414.0             |                           | 78.0                |                               |
| +2°                 | 34920        | 9700      | 13.20                |                             | 1476.0             | 2000                      | 85.0                |                               |
|                     | 31320        | 8700      | 16.37                |                             | 1569.0             |                           | 89.0                |                               |
|                     | 29844        | 8290      | 17.26                |                             | 1593.0             |                           | 88.0                |                               |
|                     | 24012        | 6670      | 19.94                |                             | 1672.0             |                           | 78.0                |                               |
| +4°                 | 37476        | 10410     | 14.22                |                             | 1707.0             | 2000                      | 85.0                |                               |
|                     | 33552        | 9320      | 17.08                |                             | 1763.0             |                           | 88.5                |                               |
|                     | 32436        | 9010      | 17.86                |                             | 1793.0             |                           | 88.0                |                               |
|                     | 25740        | 7150      | 20.49                |                             | 1818.0             |                           | 79.0                |                               |

## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 性能曲线和性能参数表 Property curve and performance data

1800HLB-10.5 性能曲线图  
1800HLB-10.5 CHARACTERISTIC CURVES

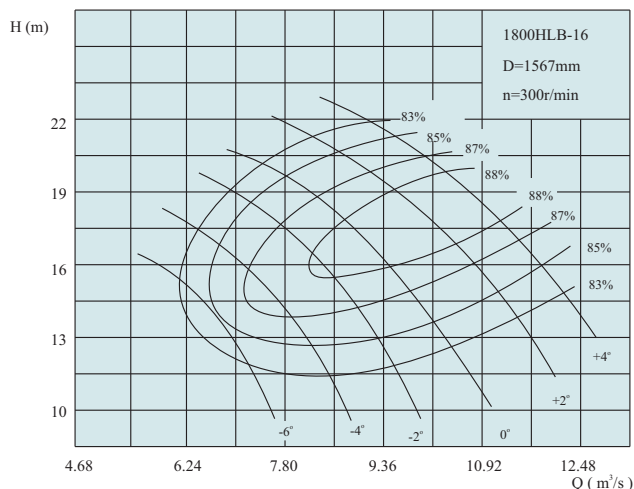


1800HLB-10.5 工作性能表 1800HLB-10.5 CHARACTERISTIC DATA

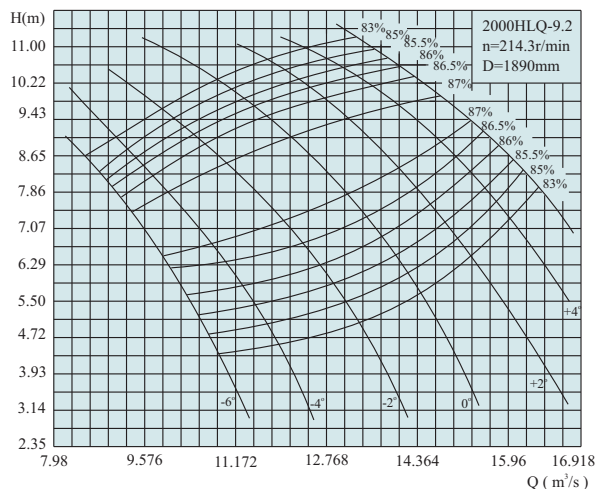
| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 $\eta$<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|---------------------------|--------------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                          |                               |
| 0°                  | 39240        | 10.9        | 14.0                 | 300                         | 1760               | 2000                      | 85                       | 1567                          |
|                     | 43920        | 12.2        | 12.0                 |                             | 1613               |                           | 89                       |                               |
|                     | 49680        | 13.8        | 9.0                  |                             | 1432               |                           | 85                       |                               |
| -2°                 | 34920        | 9.7         | 12.5                 |                             | 1350               | 1600                      | 88                       |                               |
|                     | 39600        | 11.0        | 10.5                 |                             | 1272               |                           | 89                       |                               |
|                     | 43200        | 12.0        | 8.4                  |                             | 1150               |                           | 96                       |                               |
| -4°                 | 31320        | 8.7         | 12.0                 |                             | 1204               |                           | 85                       |                               |
|                     | 35280        | 9.8         | 10.0                 |                             | 1080               |                           | 89                       |                               |
|                     | 38160        | 10.6        | 8.0                  |                             | 978                |                           | 85                       |                               |

**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**性能曲线和性能参数表 Property curve and performance data**

1800HLB-16 性能曲线图  
1800HLB-16 CHARACTERISTIC CURVES



2000HLQ-9.2 性能曲线图  
2000HLQ-9.2 CHARACTERISTIC CURVES



1800HLB-16 工作性能表 1800HLB-16 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| +4°                 | 32040        | 8.9         | 21.6                 | 300                         | 2227.8             | 2600                      | 84.6                | 1567                          |
|                     | 38520        | 10.7        | 18.7                 |                             | 2221.6             |                           | 88.3                |                               |
|                     | 43272        | 12.02       | 14.3                 |                             | 1991.9             |                           | 84.6                |                               |
| +2°                 | 29520        | 8.2         | 21                   |                             | 1995.6             | 2200                      | 84.6                |                               |
|                     | 35640        | 9.9         | 17.8                 |                             | 1957               |                           | 88.3                |                               |
|                     | 40860        | 11.35       | 13.2                 |                             | 1736.2             |                           | 84.6                |                               |
| 0°                  | 26280        | 7.3         | 19.9                 |                             | 1683.5             | 1800                      | 84.6                |                               |
|                     | 32400        | 9.0         | 16.8                 |                             | 1678.8             |                           | 88.3                |                               |
|                     | 37620        | 10.45       | 12.15                |                             | 1471.4             |                           | 84.6                |                               |
| -2°                 | 24480        | 6.8         | 19                   |                             | 1497.24            | 1800                      | 84.6                |                               |
|                     | 29880        | 8.3         | 15.8                 |                             | 1456               |                           | 88.3                |                               |
|                     | 34200        | 9.5         | 11.3                 |                             | 1244               |                           | 84.6                |                               |
| -4°                 | 22680        | 6.3         | 17.5                 |                             | 1277.6             | 1400                      | 84.6                |                               |
|                     | 27000        | 7.5         | 14.5                 |                             | 1217.1             |                           | 87.6                |                               |
|                     | 30744        | 8.54        | 10.9                 |                             | 1078.7             |                           | 84.6                |                               |
| -6°                 | 21780        | 6.05        | 14.9                 |                             | 1044.7             | 1200                      | 84.6                |                               |
|                     | 24120        | 6.7         | 13                   |                             | 992.9              |                           | 86                  |                               |
|                     | 25920        | 7.2         | 11.1                 |                             | 926.2              |                           | 84.6                |                               |

2000HLQ-9.2 工作性能表 2000HLQ-9.2 CHARACTERISTIC DATA

| 叶片安放角<br>Vane Angle | 流量Q Capacity |             | 扬程H<br>Head<br>米 (m) | 转速n<br>Speed<br>转/分 (r/min) | 功率N Power (kW)     |                           | 效率 η<br>Eff.<br>(%) | 叶轮直径<br>Impeller Dia.<br>(mm) |
|---------------------|--------------|-------------|----------------------|-----------------------------|--------------------|---------------------------|---------------------|-------------------------------|
|                     | 米³/小时 (m³/h) | 米³/秒 (m³/s) |                      |                             | 轴功率<br>Shaft Power | 配用电机及功率<br>Required Power |                     |                               |
| +6°                 | 48614        | 13.502      | 11.00                | 214.3                       | 1755               | 1900                      | 84.6                | 1890                          |
|                     | 55158        | 15.322      | 9.43                 |                             | 1661               |                           | 87.0                |                               |
|                     | 58605        | 16.279      | 8.25                 |                             | 1578               |                           | 85.1                |                               |
| +4°                 | 45965        | 12.768      | 10.77                |                             | 1633               | 1700                      | 84.2                |                               |
|                     | 53753        | 14.619      | 9.04                 |                             | 1516               |                           | 87.2                |                               |
|                     | 56881        | 15.800      | 7.47                 |                             | 1405               |                           | 84.2                |                               |
| +2°                 | 43092        | 11.970      | 10.53                |                             | 1501               |                           | 84.1                |                               |
|                     | 48486        | 13.470      | 9.04                 |                             | 1396               |                           | 87.4                |                               |
|                     | 53434        | 14.843      | 7.23                 |                             | 1275               |                           | 85.0                |                               |
| 0°                  | 40538        | 11.268      | 9.90                 |                             | 1301               |                           | 85.8                |                               |
|                     | 45965        | 12.768      | 8.25                 |                             | 1207               |                           | 87.5                |                               |
|                     | 51136        | 14.204      | 6.13                 |                             | 1018               |                           | 85.5                |                               |
| -2°                 | 36868        | 10.246      | 9.04                 |                             | 1083               |                           | 85.5                |                               |
|                     | 41368        | 11.491      | 7.86                 |                             | 1034               |                           | 87.4                |                               |
|                     | 47114        | 13.087      | 5.50                 |                             | 845                |                           | 85.0                |                               |
| -4°                 | 33324        | 9.257       | 8.80                 |                             | 958                | 740                       | 85.0                |                               |
|                     | 35623        | 9.895       | 8.02                 |                             | 915                |                           | 86.6                |                               |
|                     | 41368        | 11.491      | 5.50                 |                             | 740                |                           | 85.6                |                               |
| -6°                 | 31716        | 8.810       | 8.33                 |                             | 860                | 670                       | 85.4                |                               |
|                     | 34250        | 9.512       | 7.07                 |                             | 770                |                           | 87.2                |                               |
|                     | 37346        | 10.374      | 5.50                 |                             | 670                |                           | 85.2                |                               |



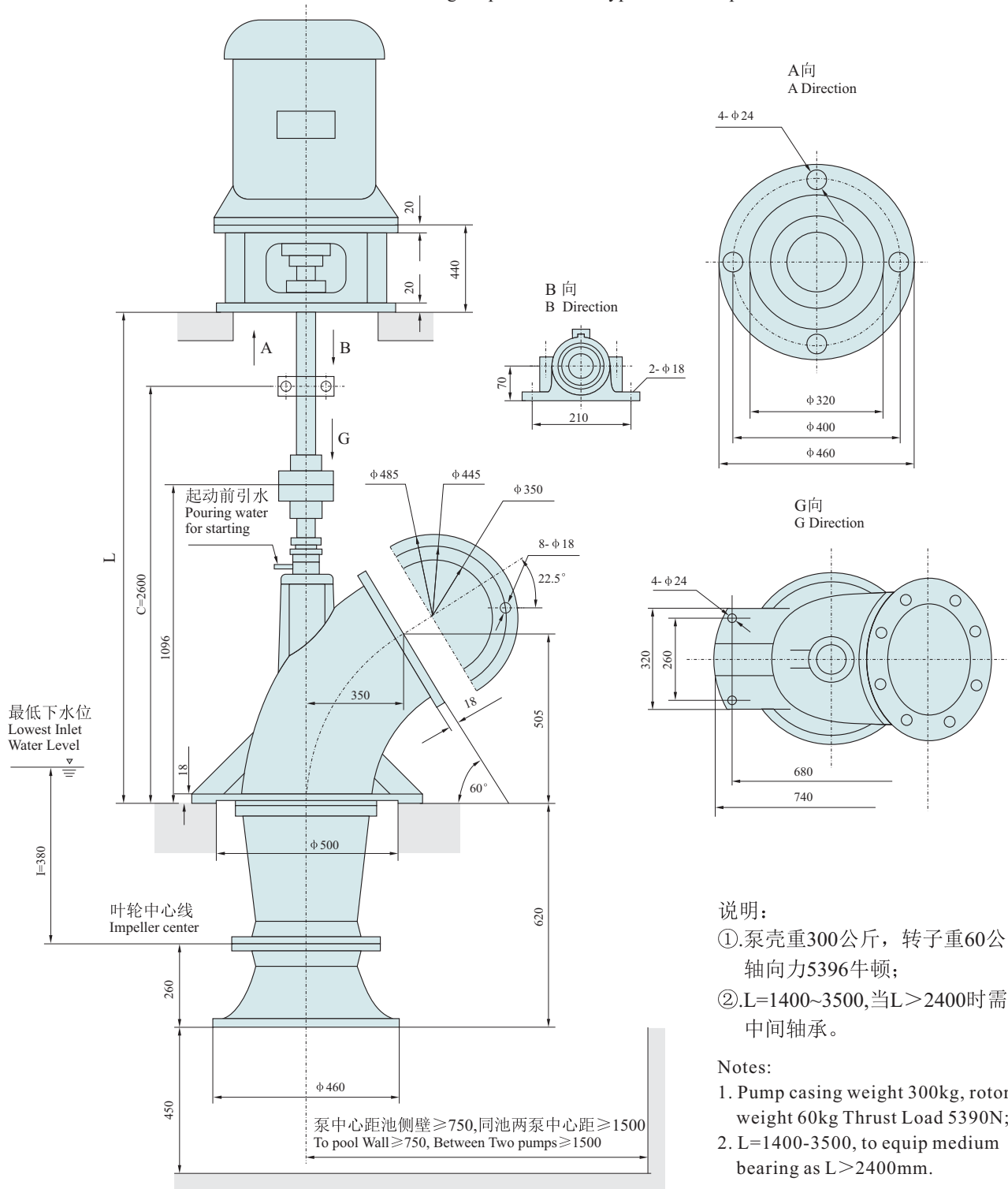
## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 安装外形尺寸图 Installation and external dimension figures

(一) ZLB(Q)立式轴流泵安装外形尺寸图

(1) Installation and external dimensionl figures of ZLB(Q) vertical axial-flow pump

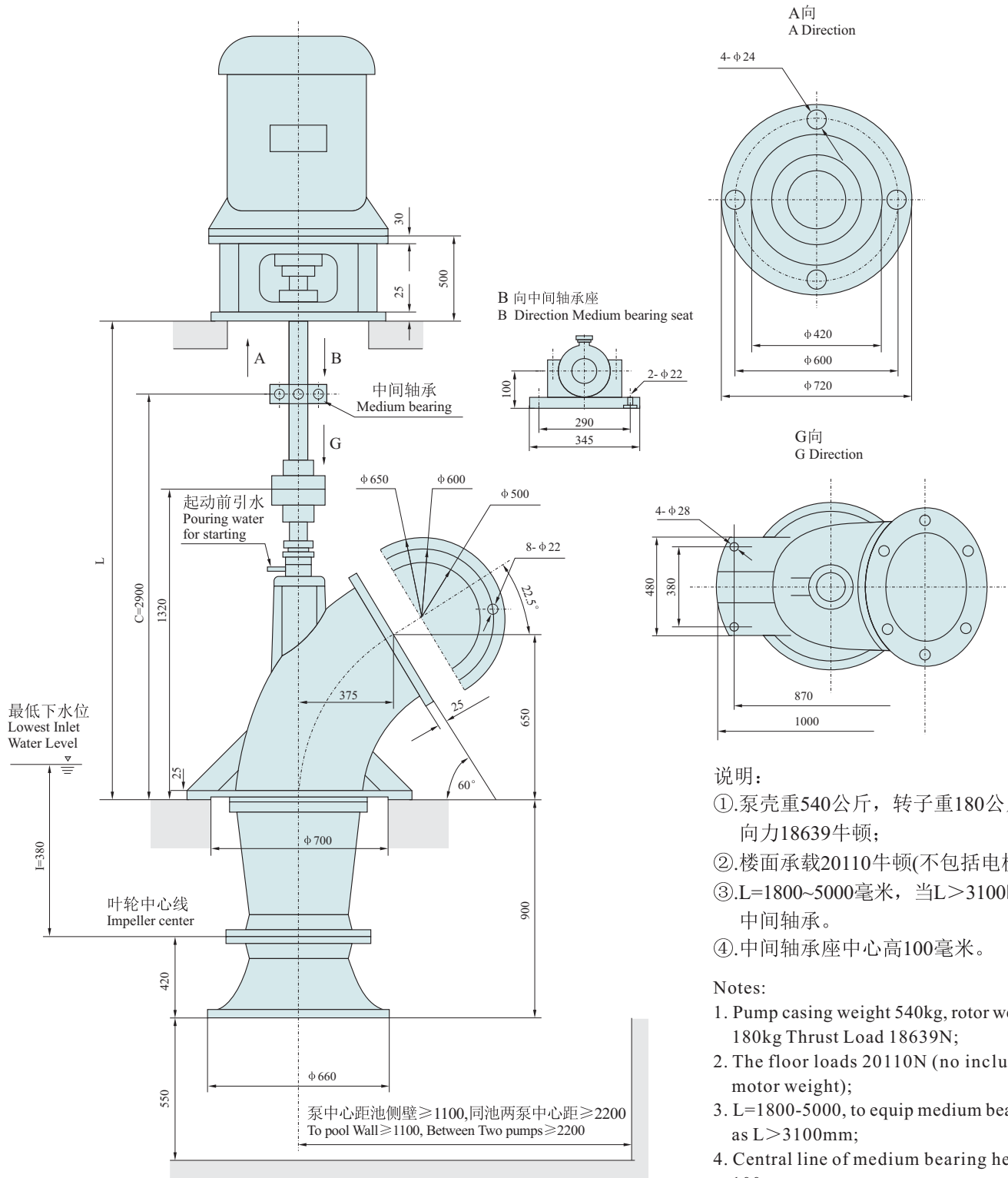
350ZLB型轴流泵安装图  
Mounting Map of 350ZLB Type Axial Pump



## Z (H) LB系列立式轴 (混) 流泵

### 安装外形尺寸图 Installation and external dimension figures

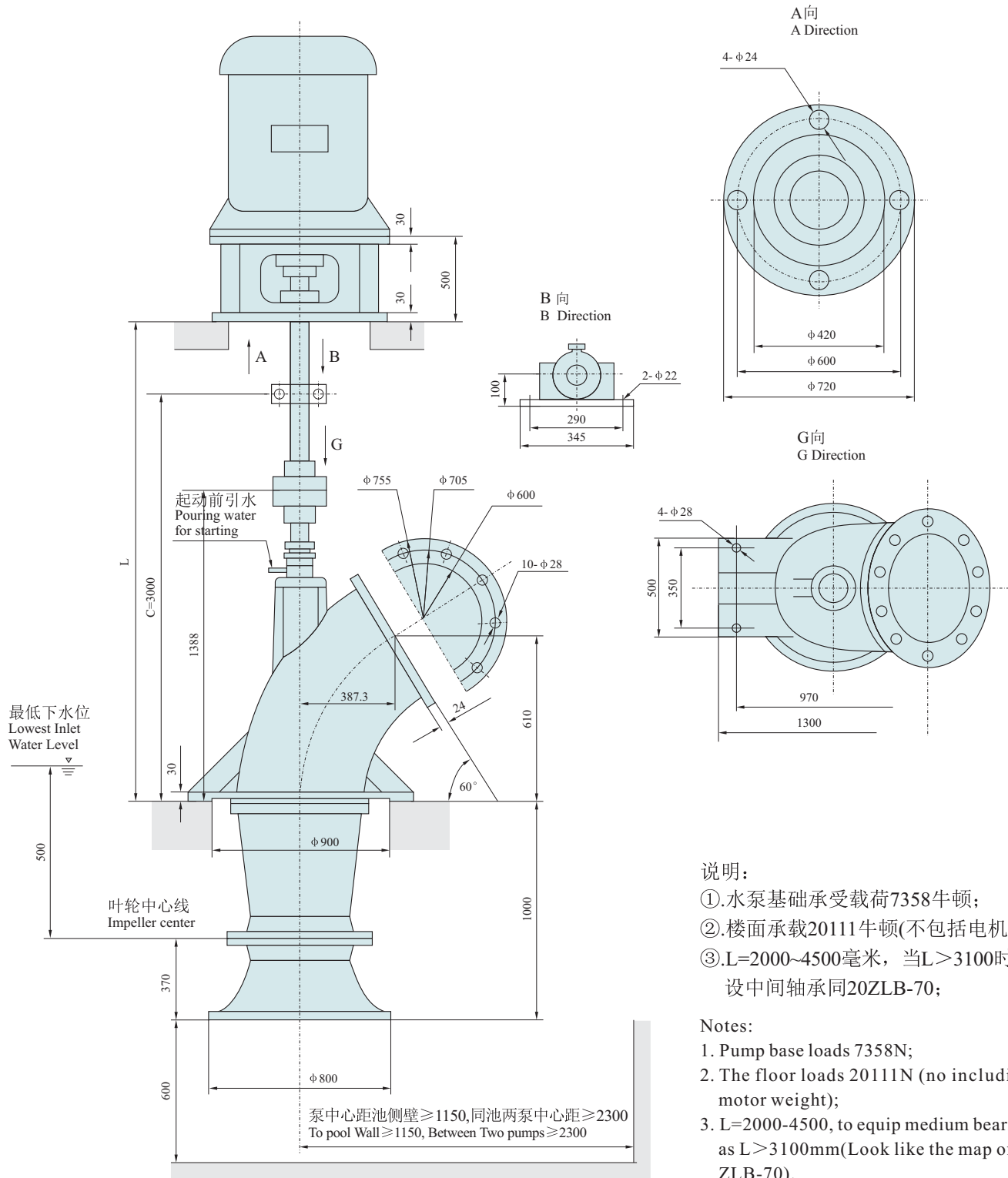
500ZLB型轴流泵安装图  
Mounting Map of 500ZLB Type Axial Pump



## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 安装外形尺寸图 Installation and external dimension figures

600ZLB型轴流泵安装图  
Mounting Map of 600ZLB Type Axial Pump



## Z ( H ) LB系列立式轴 ( 混 ) 流泵

### 安装外形尺寸图 Installation and external dimension figures

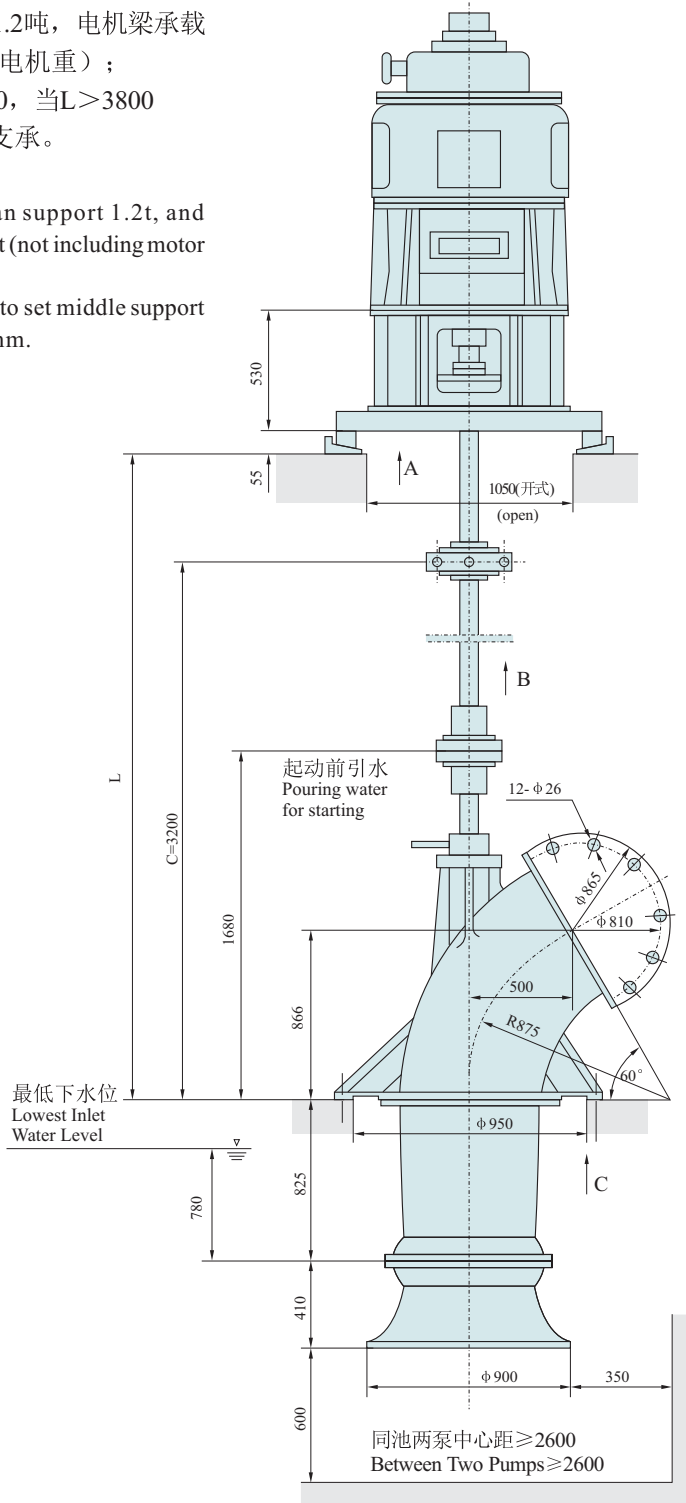
700ZLB型轴流泵安装图  
Mounting Map of 700ZLB Type Axial Pump

说明:

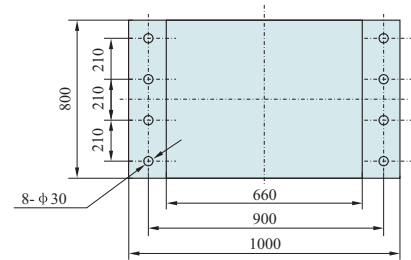
- ①.水泵梁承载1.2吨, 电机梁承载3.5吨 (不含电机重);
- ②.L=2000~5500, 当L>3800时须设中间支承。

Notes:

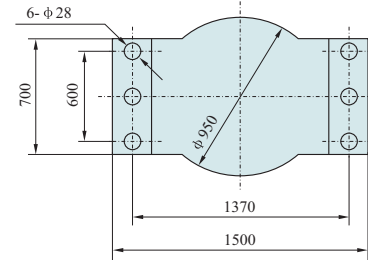
1. Pump beam can support 1.2t, and motor beam 3.5t (not including motor weight);
2. L=2000-5500, to set middle support when L>380mm.



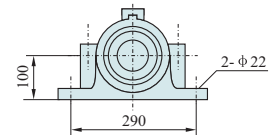
A向(闭式)  
A Direction(close type)



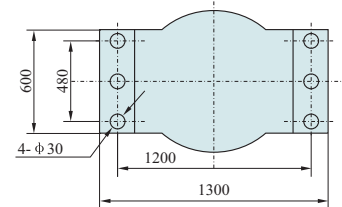
A向(开式)  
A Direction(open type)



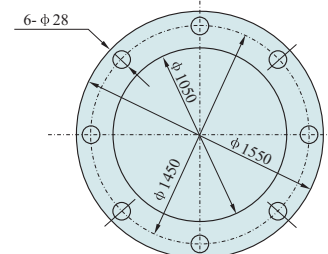
B向湿式结构  
B Direction(wet type structure)



C向湿式结构  
C Direction(wet type structure)



C向干式结构  
C Direction(dry type structure)



## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 安装外形尺寸图 Installation and external dimension figures

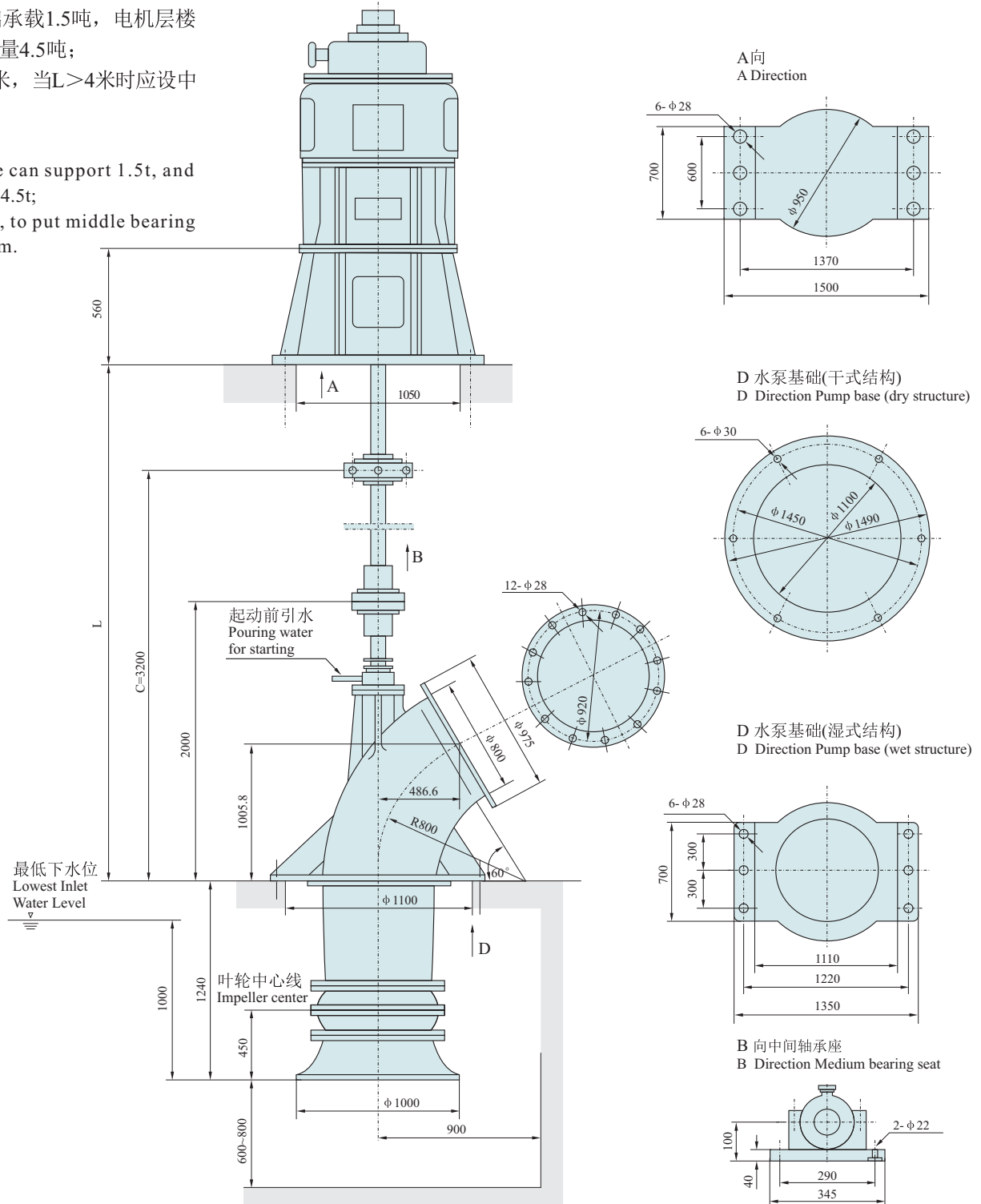
800ZLB型轴流泵安装图  
Mounting Map of 800ZLB Type Axial Pump

说明:

- ①.水泵基础承载1.5吨, 电机层楼板承受重量4.5吨;
- ②.L=2~5.8米, 当L>4米时应设中间支承。

Notes:

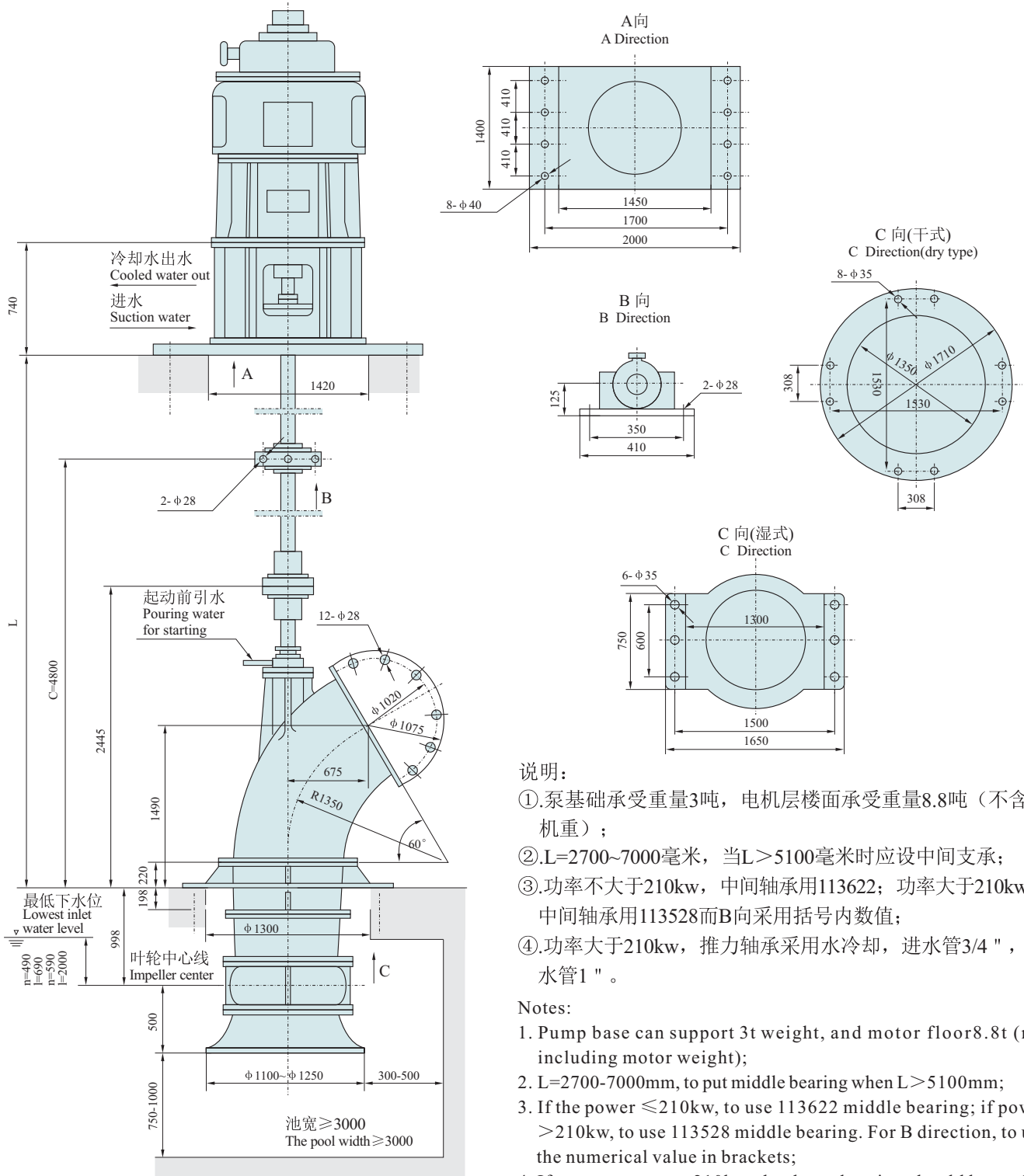
1. Pump base can support 1.5t, and motor floor 4.5t;
2. L=2-5.8m, to put middle bearing when L>4m.



## Z ( H ) LB系列立式轴 ( 混 ) 流泵

### 安装外形尺寸图 Installation and external dimension figures

900ZLB型轴流泵安装图  
Mounting Map of 900ZLB Type Axial Pump



说明:

- ①. 泵基础承受重量3吨, 电机层楼面承受重量8.8吨 (不含电机重);
- ②.  $L=2700\sim 7000$ 毫米, 当 $L>5100$ 毫米时应设中间支承;
- ③. 功率不大于210kw, 中间轴承用113622; 功率大于210kw时中间轴承用113528而B向采用括号内数值;
- ④. 功率大于210kw, 推力轴承采用水冷却, 进水管3/4", 出水管1"。

Notes:

1. Pump base can support 3t weight, and motor floor 8.8t (not including motor weight);
2.  $L=2700\sim 7000$ mm, to put middle bearing when  $L>5100$ mm;
3. If the power  $\leq 210$ kw, to use 113622 middle bearing; if power  $> 210$ kw, to use 113528 middle bearing. For B direction, to use the numerical value in brackets;
4. If power surpasses 210kw, the thrust bearing should be cooled by water, the suction pipe 3/4", discharge pipe 1" .

## 安装外形尺寸图 Installation and external dimension figures

Technical drawing of a vertical pump assembly, showing dimensions and components. The drawing includes a side view and a top view of the pump's discharge flange.

**Dimensions:**

- Overall height: 740
- Height from base to middle bearing: 1420
- Height from base to pouring water inlet: 2460
- Height from base to lowest inlet water level: 1180
- Height from base to pouring water inlet: 795
- Height from base to lowest inlet water level: 490
- Height from base to lowest inlet water level: 800
- Height from base to lowest inlet water level: 300
- Height from base to lowest inlet water level: 100
- Height from base to lowest inlet water level: 550
- Height from base to lowest inlet water level: 490
- Height from base to lowest inlet water level: 800

**Labels:**

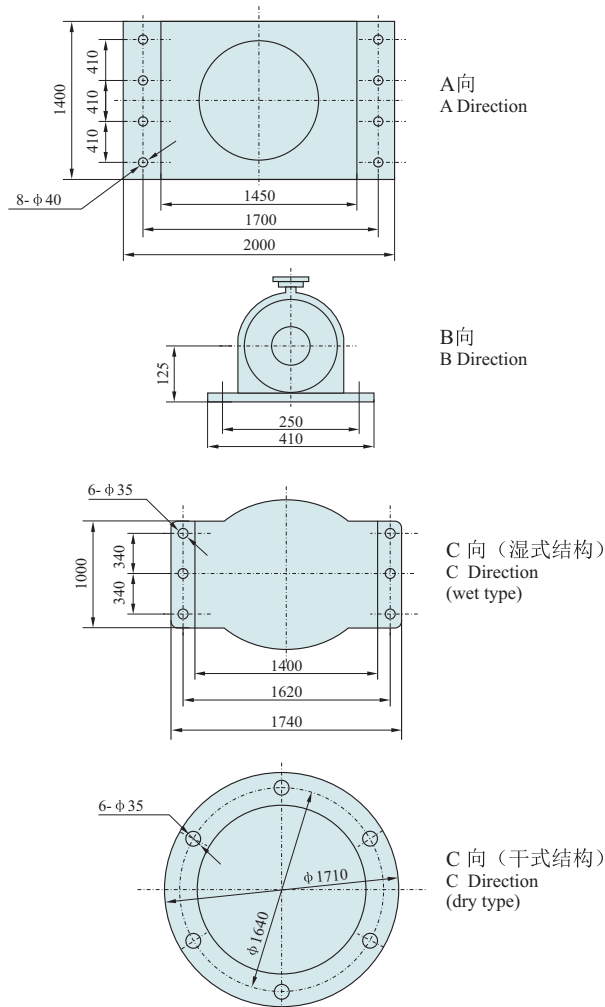
- 中间轴承 (Middle bearing)
- 起前引水 (Pouring water for starting)
- 最低下水位 (Lowest Inlet Water Level)

**Top View Details:**

- 16- $\phi 28$  (16 holes of diameter 28)
- $\phi 1120$  (Outer diameter of flange)
- $\phi 1180$  (Inner diameter of flange)
- 586.6 (Radius of flange)
- R1000 (Radius of flange)
- 60° (Angle of flange)

**Notes:**

- 同池两泵中心距  $\geq 3600$  (Between Two Pumps  $\geq 3600$ )



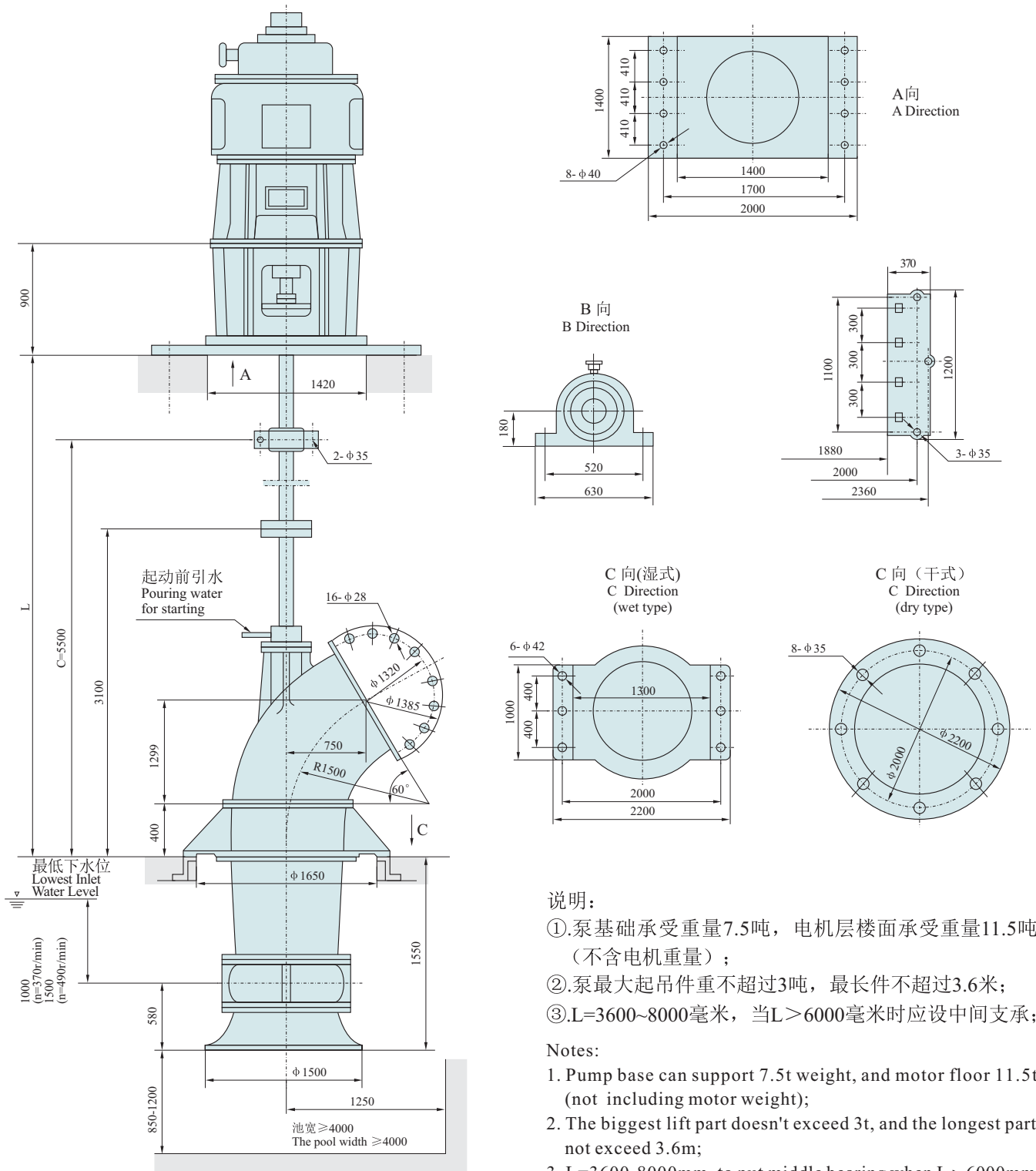
4. If power surpasses 210kw, the thrust bearing should be cooled by water, the suction pipe 3/4 " .



## Z (H) LB系列立式轴 (混) 流泵

### 安装外形尺寸图 Installation and external dimension figures

1200ZLB型轴流泵安装图 (喇叭进水)  
Mounting Map of 1200ZLB Type Axial Pump (the bell suction water)



说明:

- ①. 泵基础承受重量7.5吨, 电机层楼面承受重量11.5吨 (不含电机重量);
- ②. 泵最大起吊件重不超过3吨, 最长件不超过3.6米;
- ③. L=3600~8000毫米, 当L>6000毫米时应设中间支承;

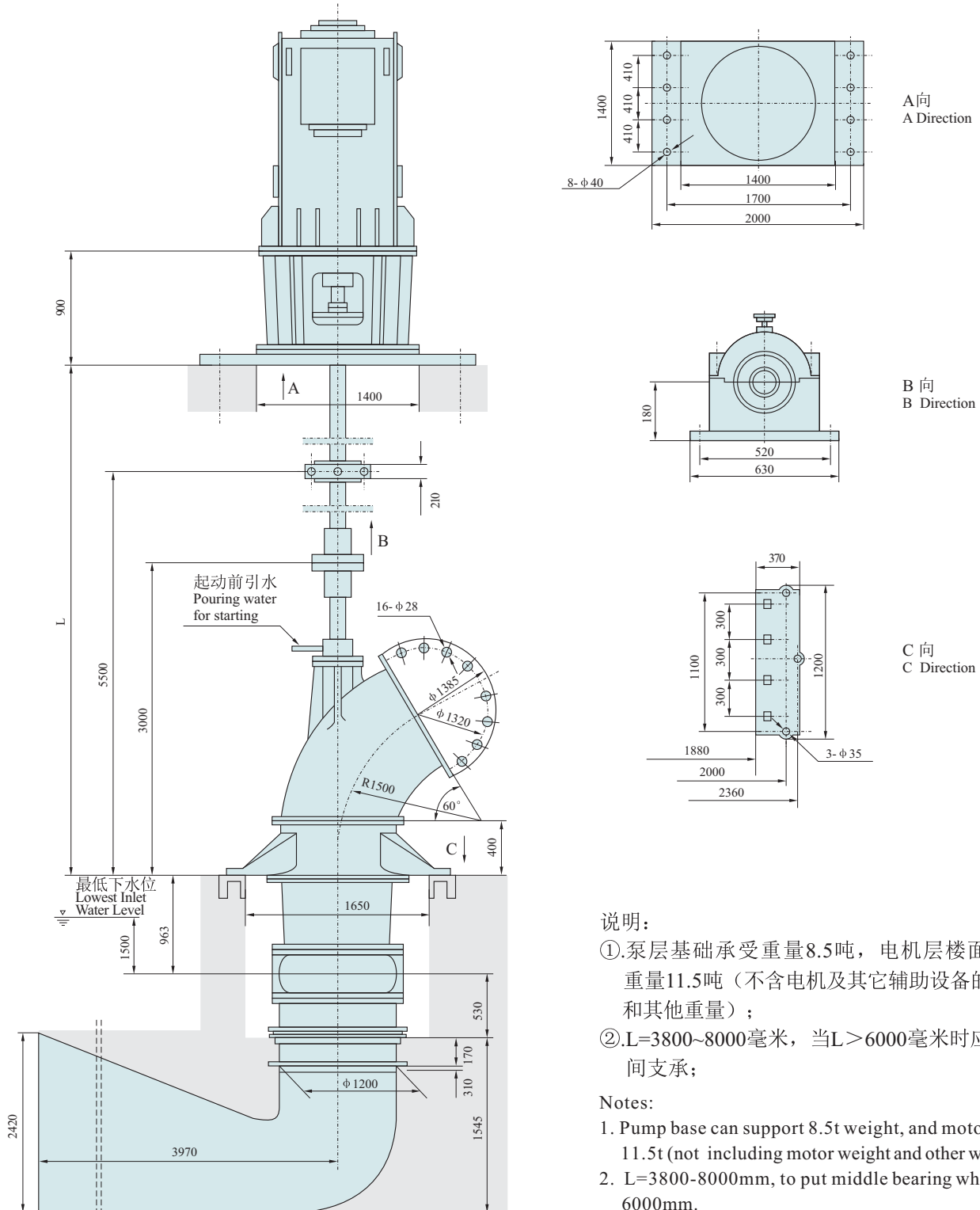
Notes:

1. Pump base can support 7.5t weight, and motor floor 11.5t (not including motor weight);
2. The biggest lift part doesn't exceed 3t, and the longest part not exceed 3.6m;
3. L=3600-8000mm, to put middle bearing when L > 6000mm.

## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

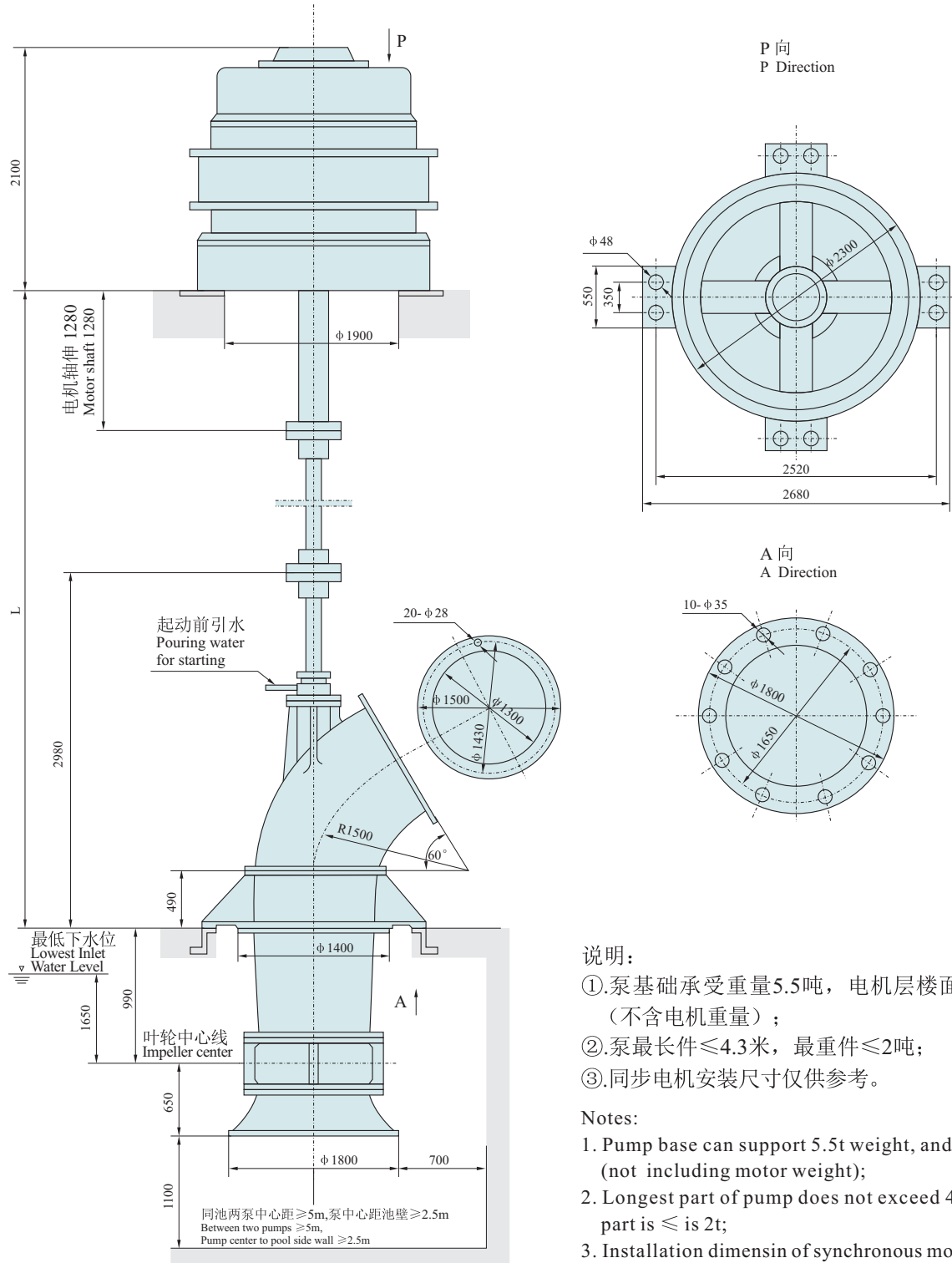
### 安装外形尺寸图 Installation and external dimension figures

1200ZLB型轴流泵安装图（流道进水）  
Mounting Map of 1200ZLB Type Axial Pump (flow way suction water)



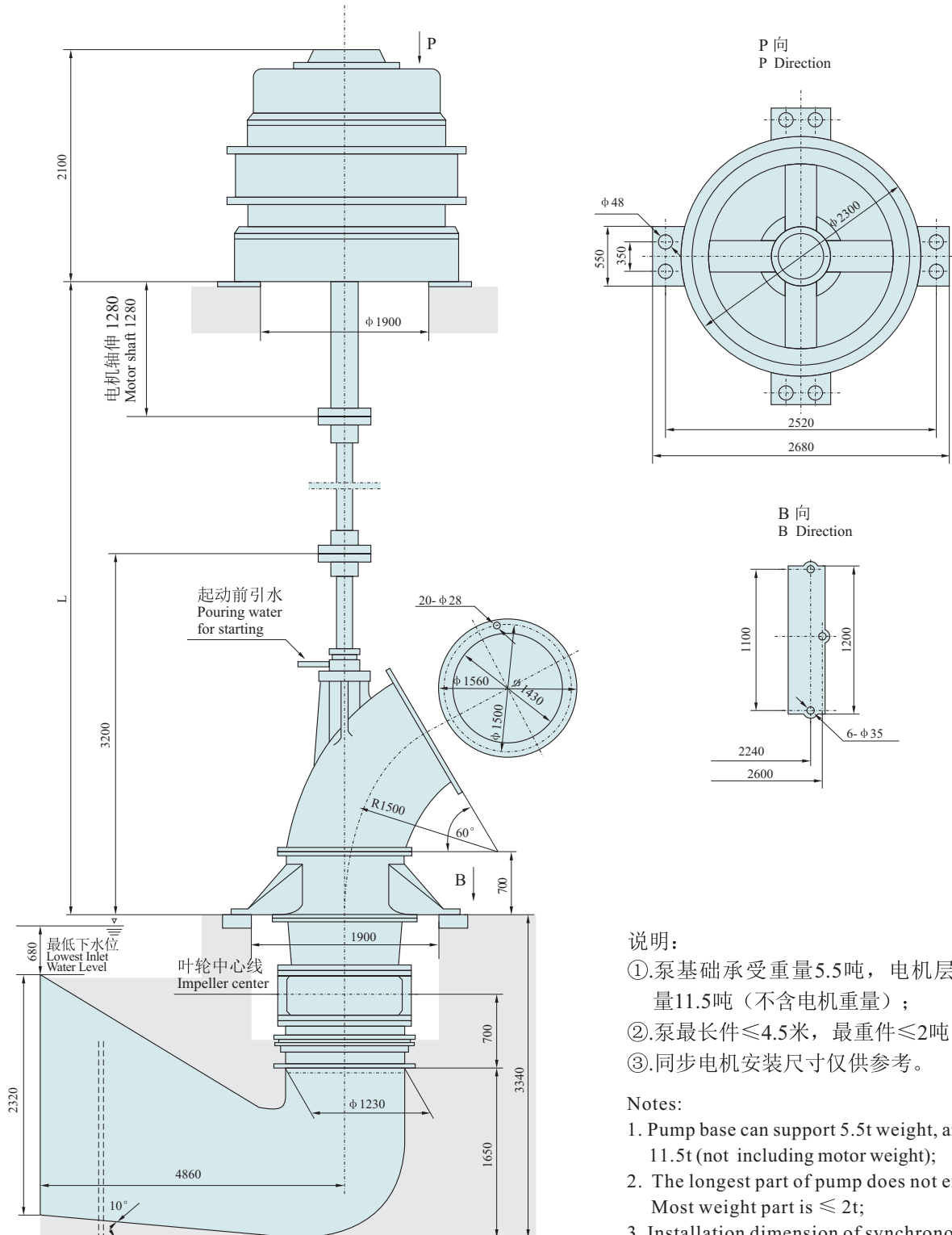
## 安装外形尺寸图 Installation and external dimension figures

1300ZLB型轴流泵安装图（喇叭进水）  
Mounting Map of 1300ZLB Type Axial Pump (the bell suction water)



## 安装外形尺寸图 Installation and external dimension figures

1300ZLB型轴流泵安装图（流道进水）  
Mounting Map of 1300ZLB Type Axial Pump (flow way suction water)



说明:

- ①. 泵基础承受重量5.5吨，电机层楼面承受重量11.5吨（不含电机重量）；
- ②. 泵最长件 $\leq 4.5$ 米，最重件 $\leq 2$ 吨；
- ③. 同步电机安装尺寸仅供参考。

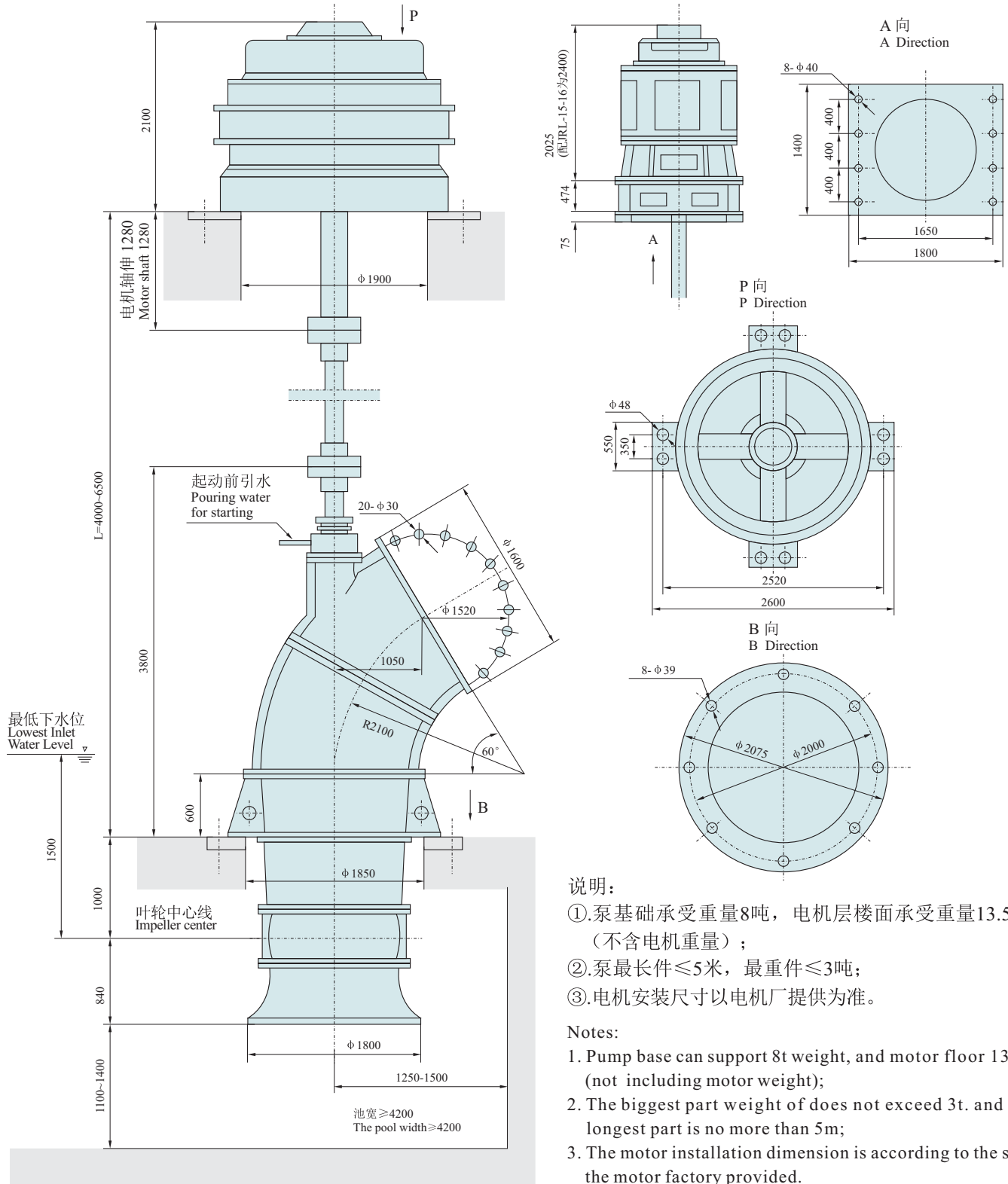
Notes:

1. Pump base can support 5.5t weight, and motor floor 11.5t (not including motor weight);
2. The longest part of pump does not exceed  $\leq 4.5$ m, Most weight part is  $\leq 2$ t;
3. Installation dimension of synchronous motor is for reference.

## Z (H) LB系列立式轴 (混) 流泵

### 安装外形尺寸图 Installation and external dimension figures

1400ZLQ/B型轴流泵安装图 (喇叭进水)  
Mounting Map of 1400ZLQ/B Type Axial Pump (the bell suction water)



说明:

- ①. 泵基础承受重量8吨, 电机层楼面承受重量13.5吨 (不含电机重量);
- ②. 泵最长件 ≤ 5米, 最重件 ≤ 3吨;
- ③. 电机安装尺寸以电机厂提供为准。

Notes:

1. Pump base can support 8t weight, and motor floor 13.5t (not including motor weight);
2. The biggest part weight of does not exceed 3t. and the longest part is no more than 5m;
3. The motor installation dimension is according to the size the motor factory provided.

## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

## 安装外形尺寸图 Installation and external dimension figures

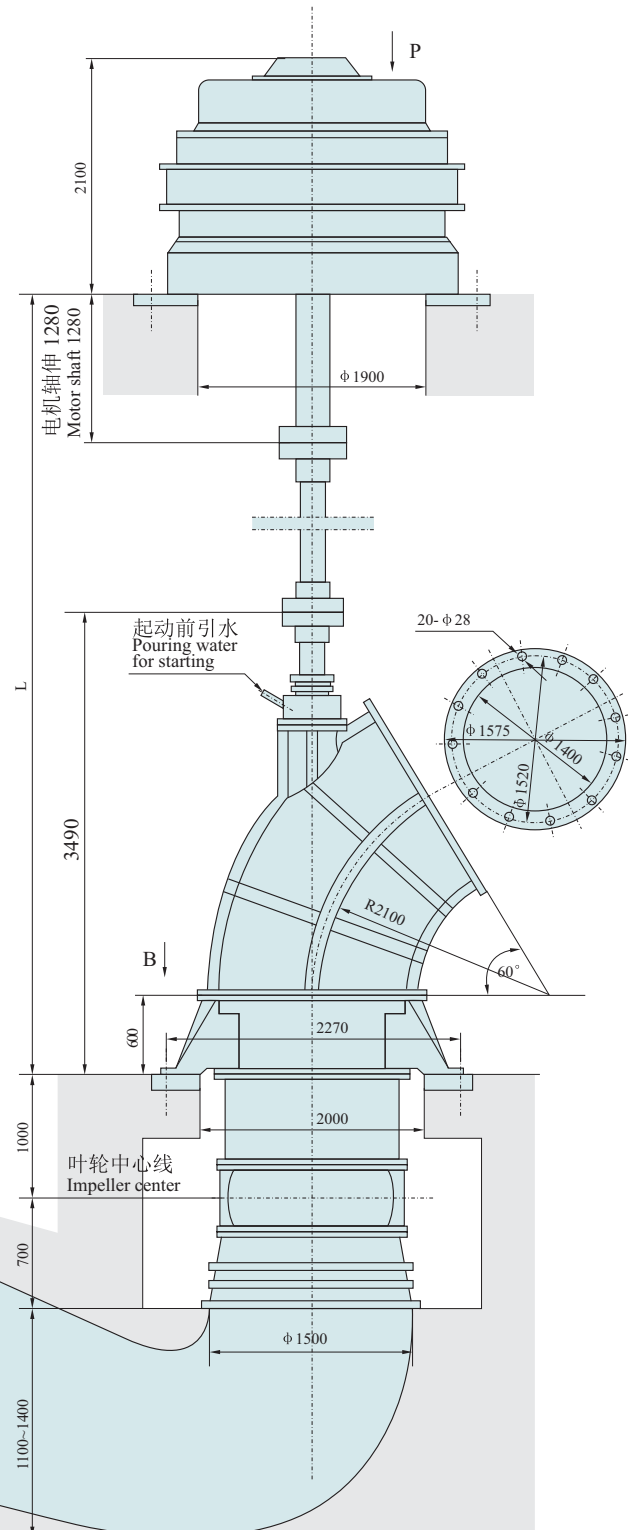
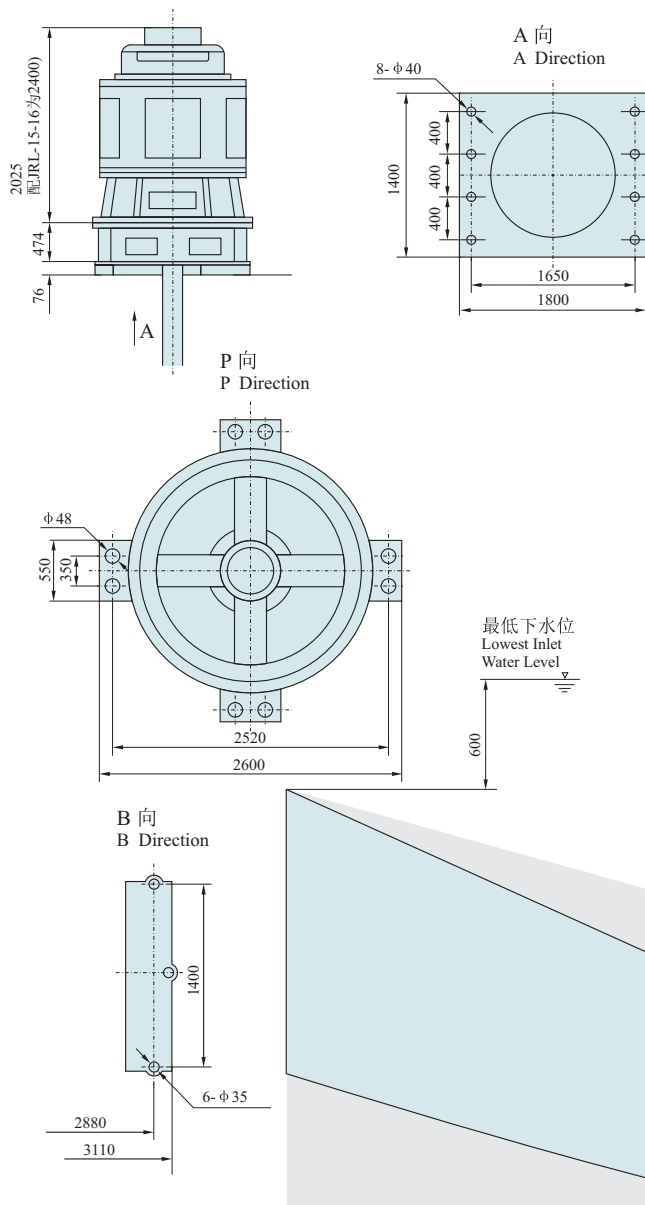
1400ZLQ/B型轴流泵安装图（流道进水）  
Mounting Map of 1400ZLQ/B Type Axial Pump (flow way suction water)

说明:

- ①.最大轴向力10吨
- ②.泵最长件 $\leq 4.8$ 米，最重件 $\leq 2.5$ 吨；
- ③.电机安装尺寸以电机厂提供为准。

Notes:

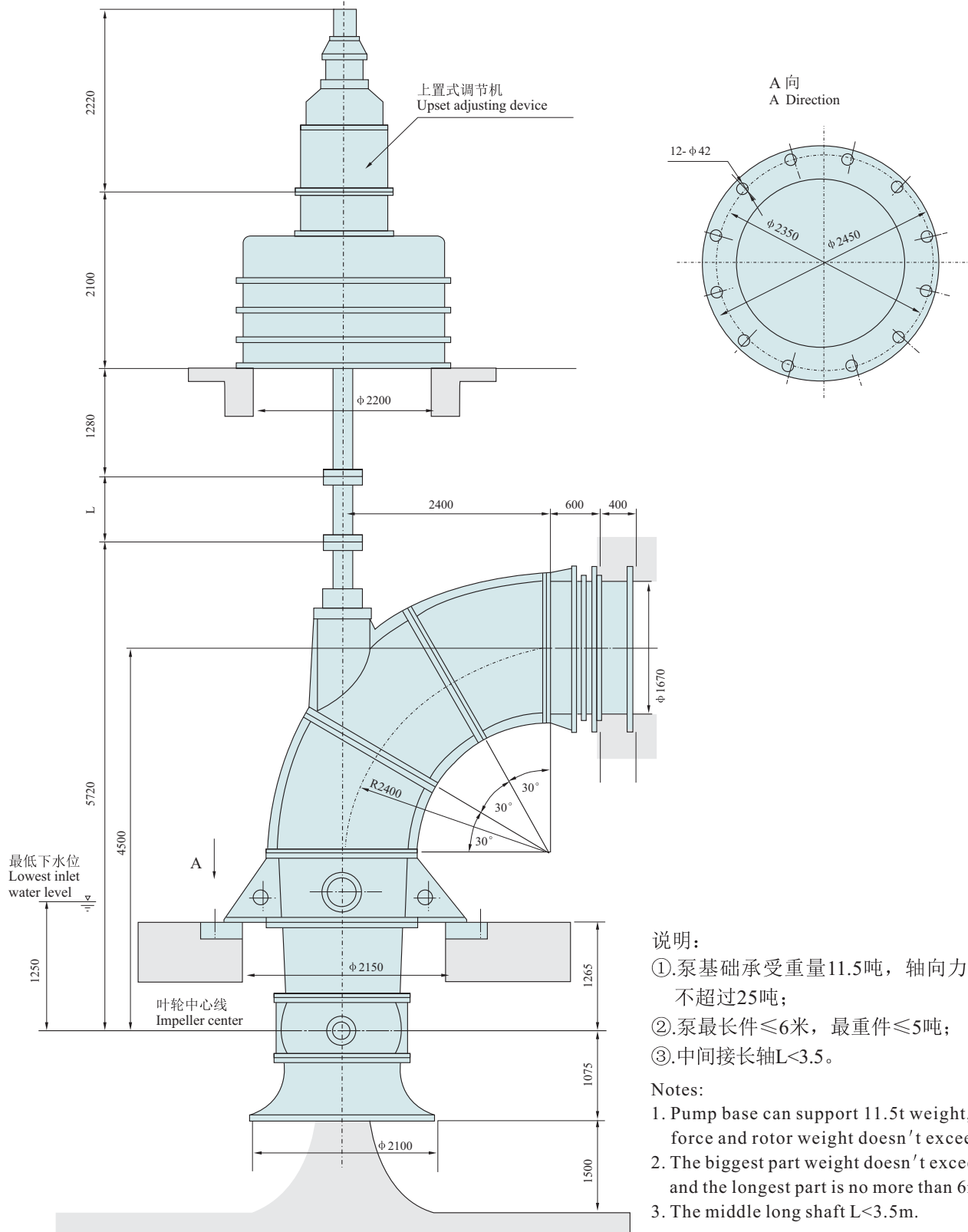
1. The biggest axial force is 10t;
2. The biggest part weight doesn't exceed 2.5t, and the longest part is no more than 4.8m;
3. The motor installation dimension is according to the size the motor factory provided.



## Z (H) LB系列立式轴 (混) 流泵

### 安装外形尺寸图 Installation and external dimension figures

1600ZLQ/B型轴流泵安装外形图 (喇叭进水)  
Mounting Map of 1600ZLQ/B Type Axial Pump (the bell suction water)



说明:

- ①. 泵基础承受重量11.5吨, 轴向力及转子重不超过25吨;
- ②. 泵最长件 $\leq 6$ 米, 最重件 $\leq 5$ 吨;
- ③. 中间接长轴 $L < 3.5$ 。

Notes:

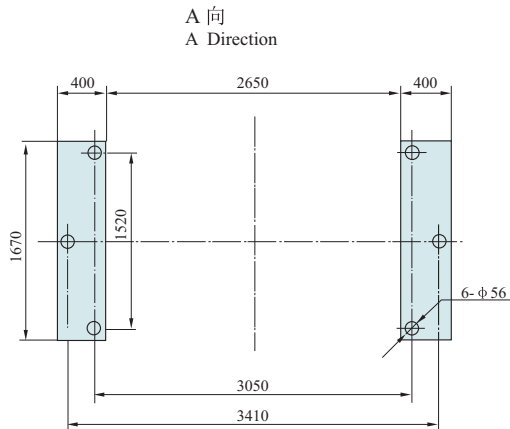
1. Pump base can support 11.5t weight, the axial force and rotor weight doesn't exceed 25t;
2. The biggest part weight doesn't exceed 5t, and the longest part is no more than 6m;
3. The middle long shaft  $L < 3.5$ m.



## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 安装外形尺寸图 Installation and external dimension figures

1600ZLQ/B型轴流泵安装外形图（流道进水）  
Mounting Map of 1600ZLQ/B Type Axial Pump (flow way suction water)

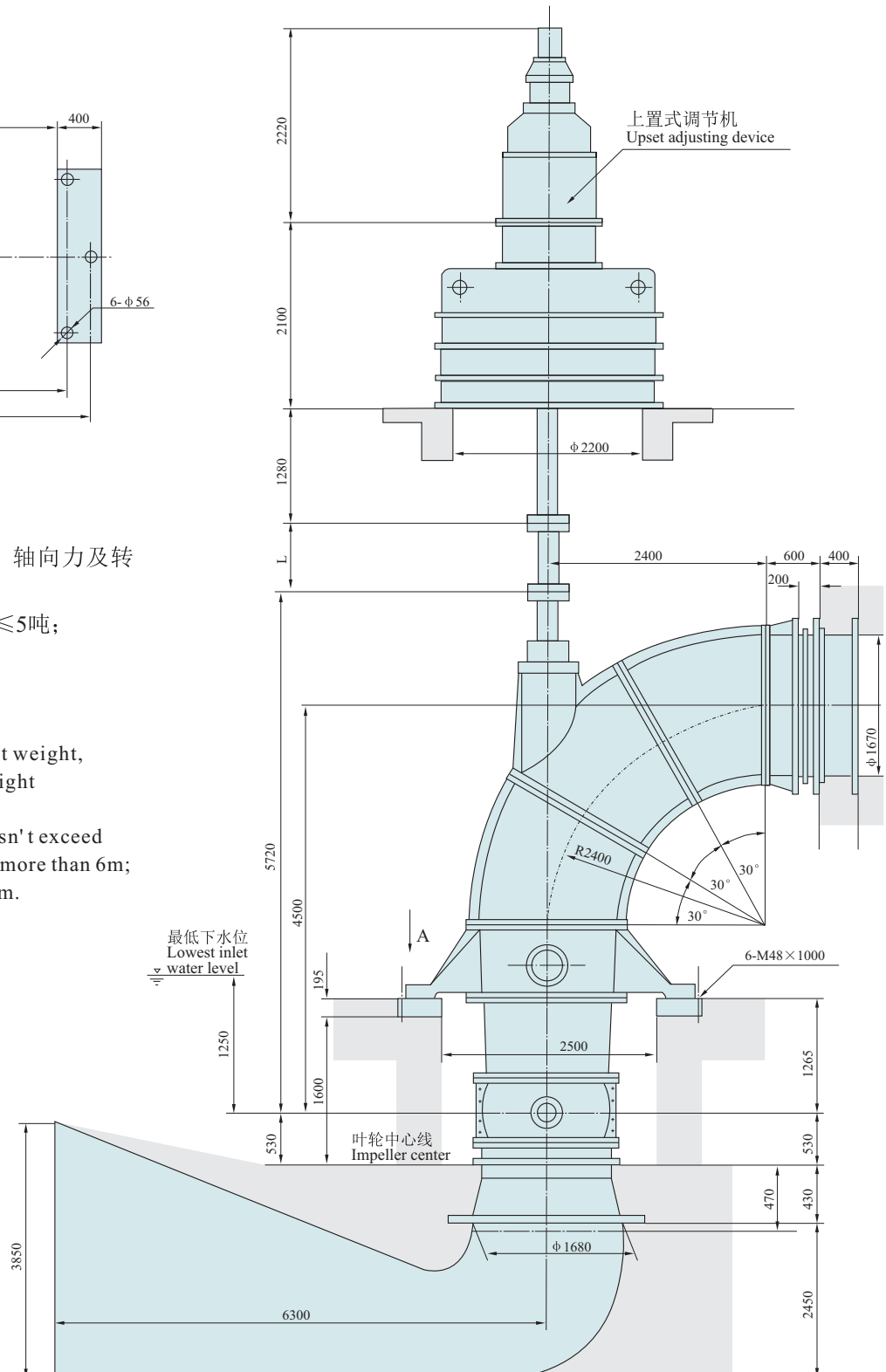


说明:

- ①. 泵基础承受重量11.5吨，轴向力及转子重不超过25吨；
- ②. 泵最长件 $\leq 6$ 米，最重件 $\leq 5$ 吨；
- ③. 中国接长轴 $L < 3.5$ 。

Notes:

1. Pump base can support 11.5t weight, the axial force and rotor weight doesn't exceed 25t;
2. The biggest part weight doesn't exceed 5t, and the longest part is no more than 6m;
3. The middle long shaft  $L < 3.5$ m.



## Z ( H ) LB系列立式轴 ( 混 ) 流泵

### 安装外形尺寸图 Installation and external dimension figures

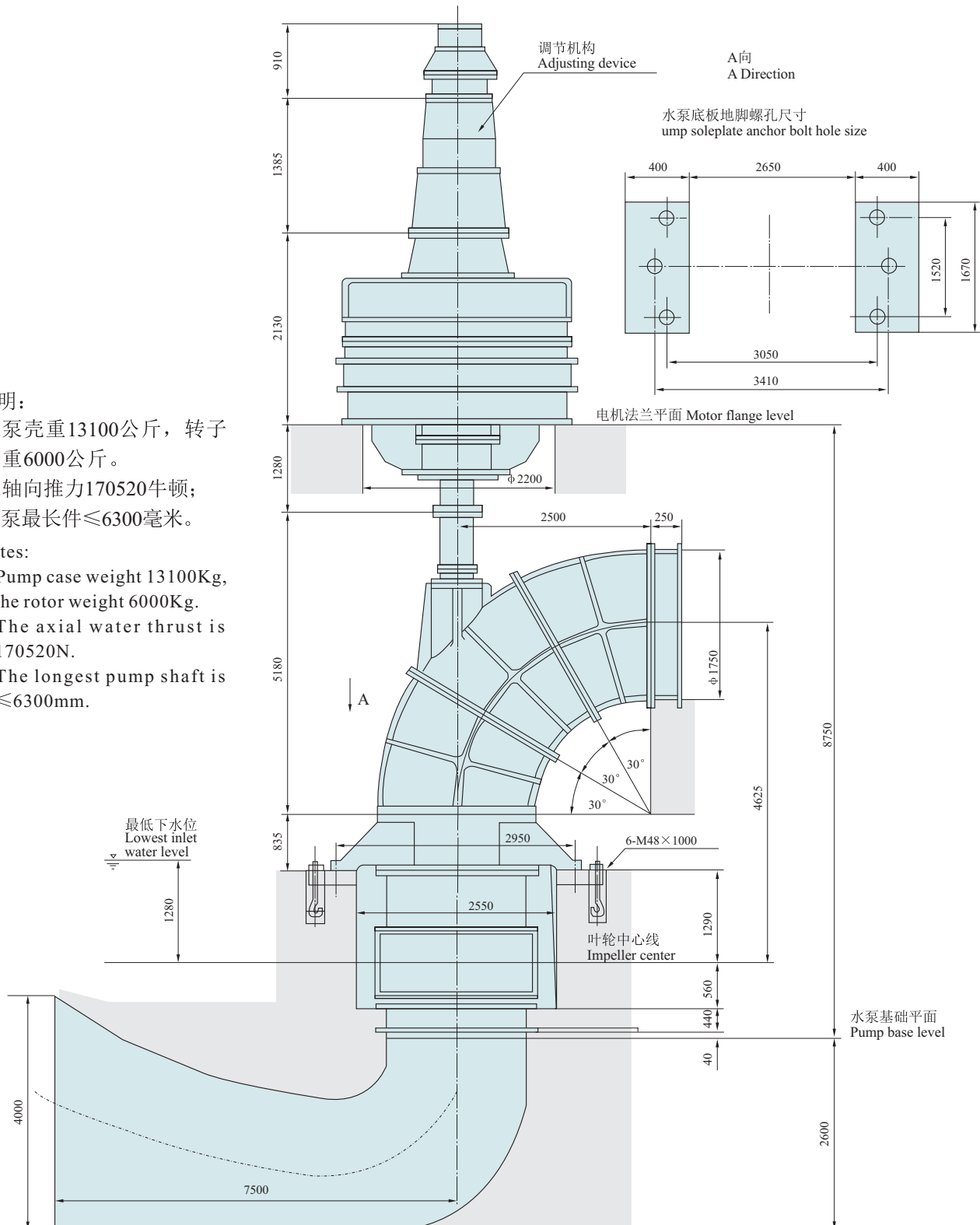
1.75ZLQ/B-6型机械全调节轴流泵安装图  
Mounting Map of 1.75ZLQ/B-6 Mechanically fully-adjustable Axial Pump

说明:

- ①. 泵壳重13100公斤, 转子重6000公斤。
- ②. 轴向推力170520牛顿;
- ③. 泵最长件 $\leq 6300$ 毫米。

Notes:

1. Pump case weight 13100Kg, the rotor weight 6000Kg.
2. The axial water thrust is 170520N.
3. The longest pump shaft is  $\leq 6300$ mm.



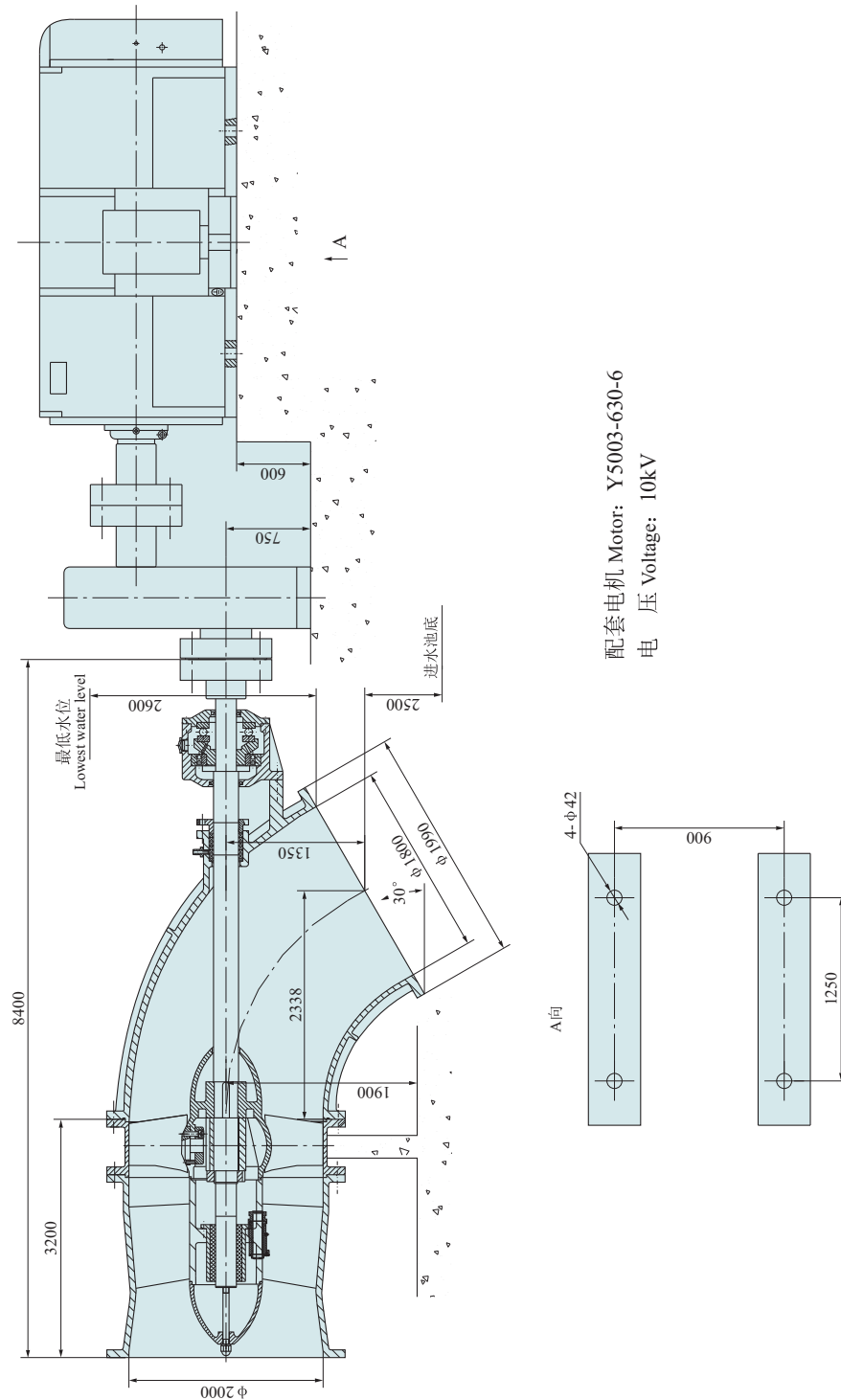
## 安装外形尺寸图 Installation and external dimension figures

[illegible]

## Z ( H ) LB系列立式轴 ( 混 ) 流泵

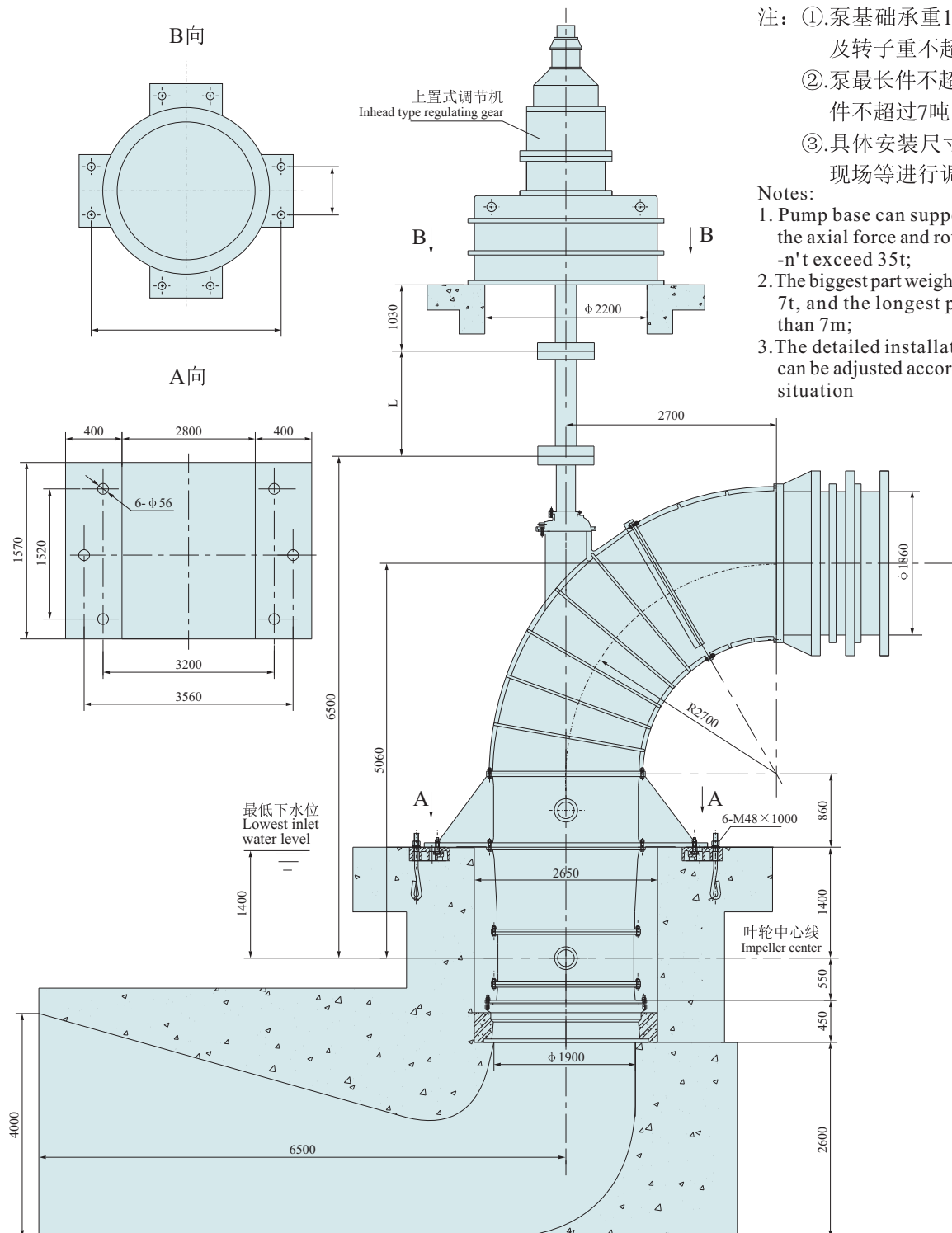
## 安装外形尺寸图 Installation and external dimension figures

### 1.8ZWB-3 型泵外形和安装尺寸图



**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**安装外形尺寸图 Installation and external dimension figures**

1.8ZLB/Q型轴流泵安装外形尺寸图  
Mounting Map of 1.8ZLB/Q Type Axial Pump



- 注：①.泵基础承重12吨，轴向力及转子重不超过35吨。  
②.泵最长件不超过7米，最重件不超过7吨。  
③.具体安装尺寸可根据泵站现场等进行调整。

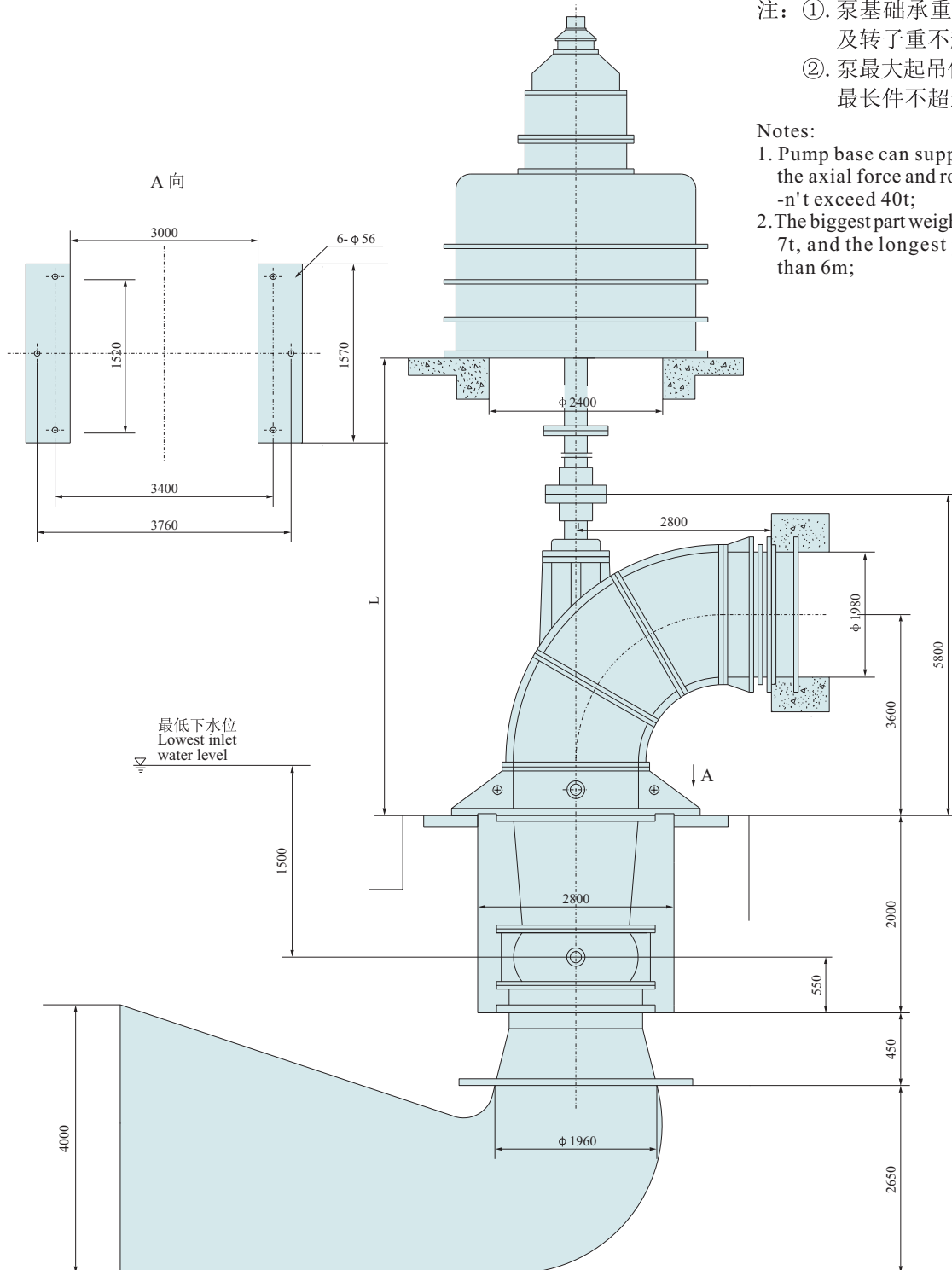
Notes:

1. Pump base can support 12t weight, the axial force and rotor weight does -n't exceed 35t;
2. The biggest part weight doesn't exceed 7t, and the longest part is no more than 7m;
3. The detailed installation dimension can be adjusted according to the filed situation

## Z ( H ) LB系列立式轴 ( 混 ) 流泵

### 安装外形尺寸图 Installation and external dimension figures

1.9ZLB/Q型轴流泵安装外形尺寸图  
Mounting Map of 1.9ZLB/Q Type Axial Pump



- 注：①. 泵基础承重15吨，轴向力及转子重不超过40吨。  
②. 泵最大起吊件重不超过7吨，最长件不超过6米。

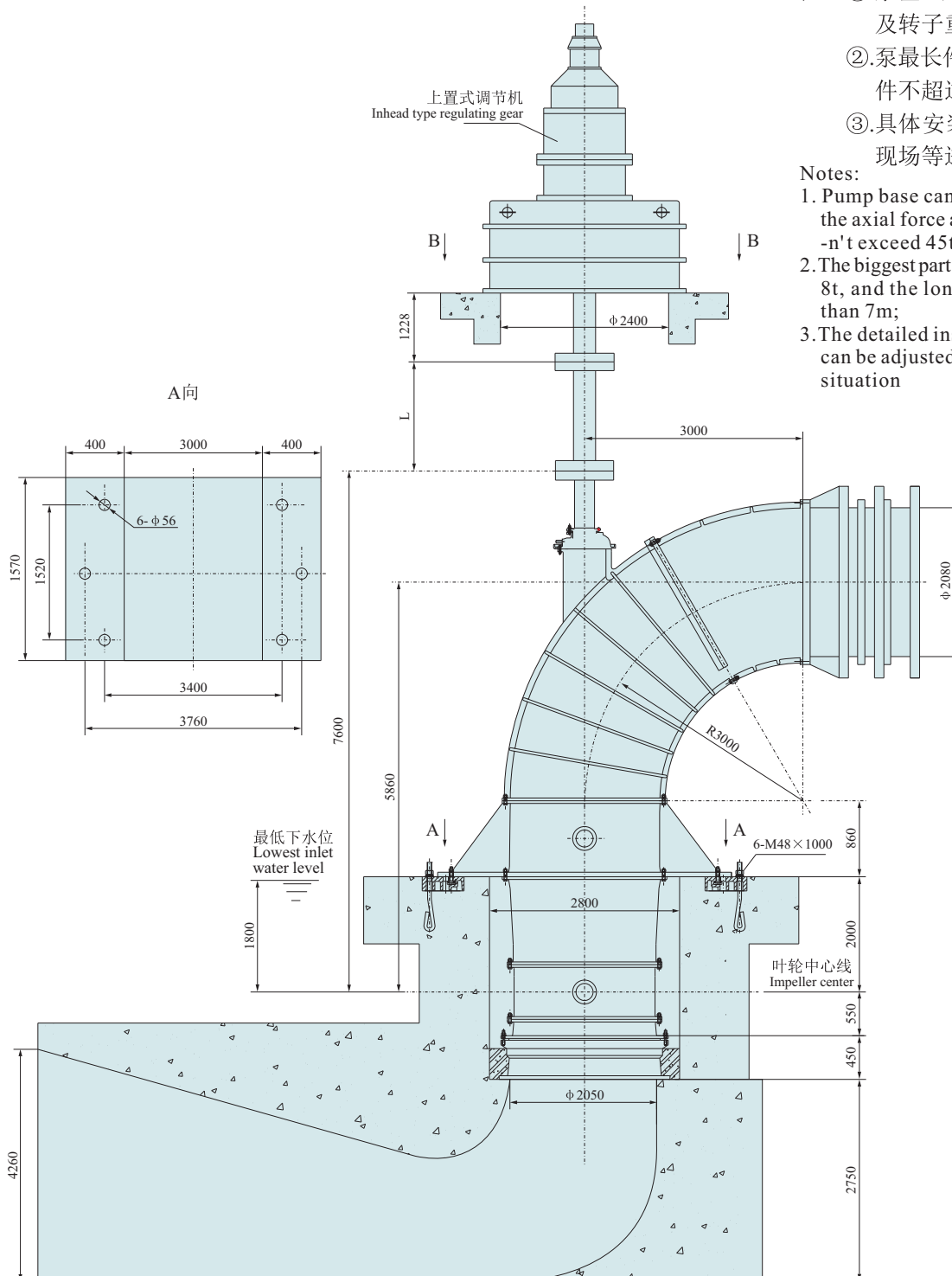
Notes:

1. Pump base can support 15t weight, the axial force and rotor weight does -n't exceed 40t;
2. The biggest part weight doesn't exceed 7t, and the longest part is no more than 6m;

## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 安装外形尺寸图 Installation and external dimension figures

2.0ZLB/Q型轴流泵安装外形尺寸图  
Mounting Map of 2.0ZLB/Q Type Axial Pump



- 注：①.泵基础承重18吨，轴向力及转子重不超过45吨。  
②.泵最长件不超过7米，最重件不超过8吨。  
③.具体安装尺寸可根据泵站现场等进行调整。

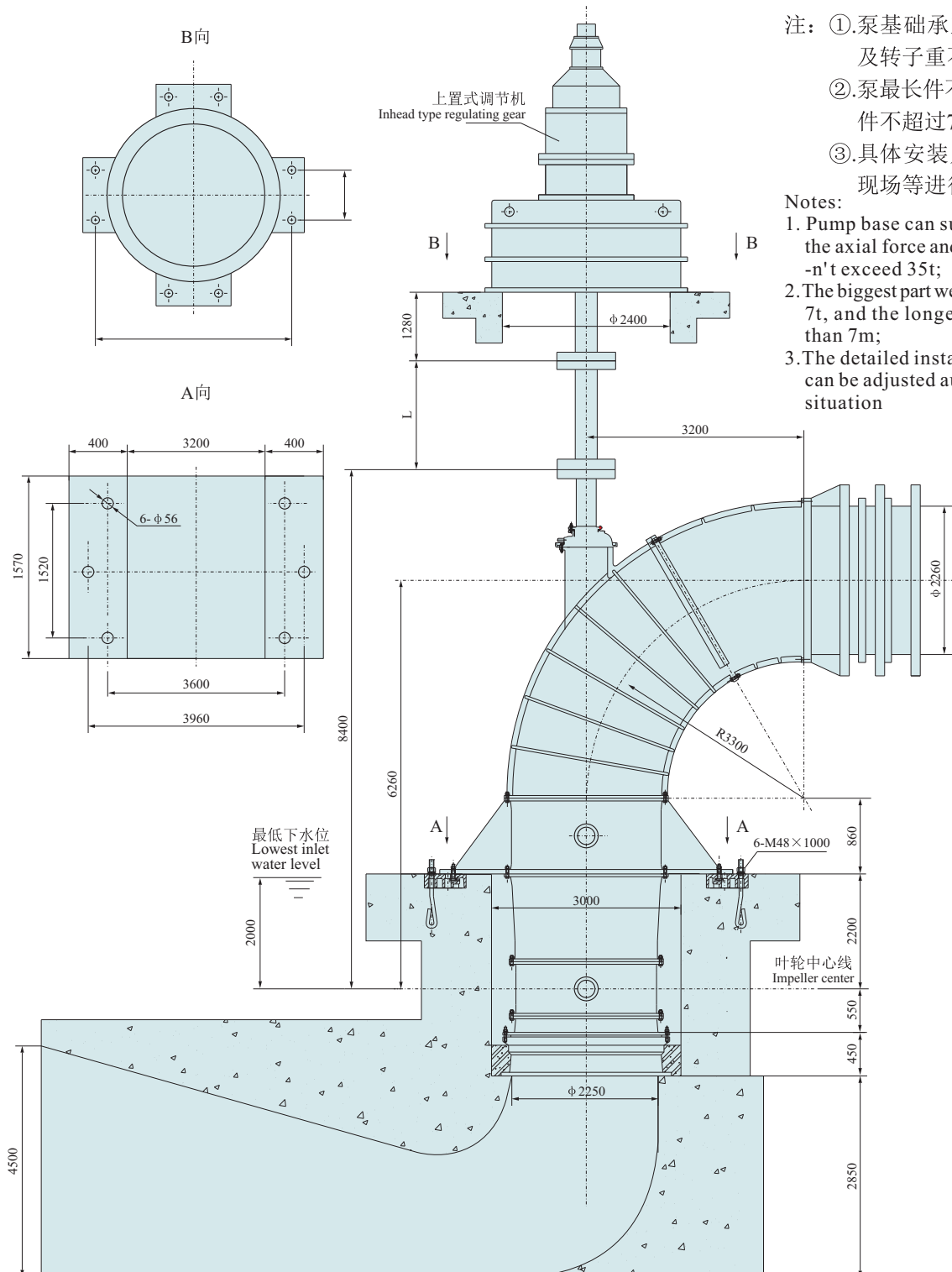
Notes:

1. Pump base can support 18t weight, the axial force and rotor weight does -n't exceed 45t;
2. The biggest part weight doesn't exceed 8t, and the longest part is no more than 7m;
3. The detailed installation dimension can be adjusted auording to the filed situation



**Z ( H ) LB系列立式轴 ( 混 ) 流泵**
**安装外形尺寸图 Installation and external dimension figures**

2.2ZLB/Q型轴流泵安装外形尺寸图  
Mounting Map of 2.2ZLB/Q Type Axial Pump



- 注：①泵基础承重12吨，轴向力及转子重不超过35吨。  
②泵最长件不超过7米，最重件不超过7吨。  
③具体安装尺寸可根据泵站现场等进行调整。

Notes:

1. Pump base can support 12t weight, the axial force and rotor weight does -n't exceed 35t;
2. The biggest part weight doesn't exceed 7t, and the longest part is no more than 7m;
3. The detailed installation dimension can be adjusted auording to the filed situation

## 安装外形尺寸图 Installation and external dimension figures

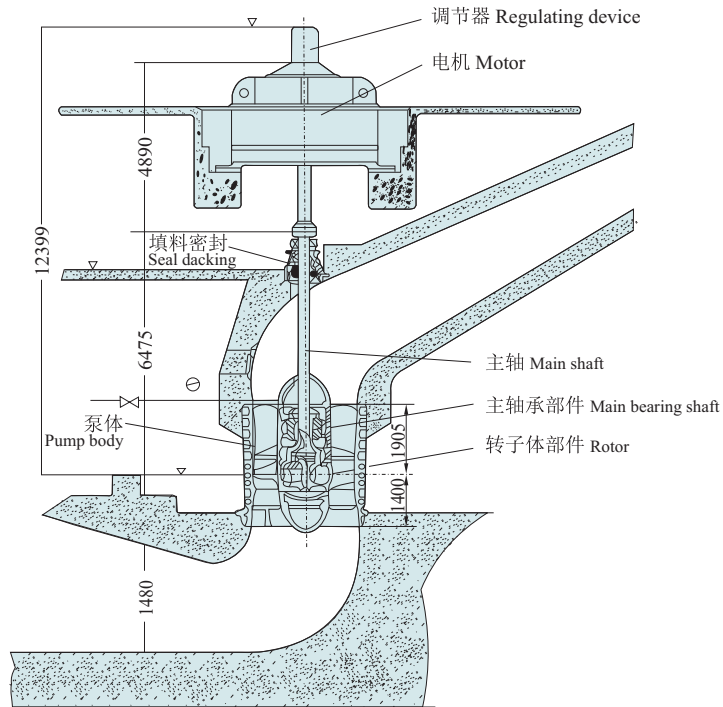
The drawing consists of three views of a ship's hull section:

- View A-A (Top View):** Shows the plan view of the hull section. It is a symmetrical shape with a total width of 2420 mm. The distance from the centerline to the outer edge is 1210 mm. The distance from the centerline to the inner edge is 2800 mm. The distance from the centerline to the outer edge of the hull is 210 mm. The distance from the centerline to the inner edge of the hull is 150 mm.
- View B-B (Side View):** Shows the side view of the hull section. It is a symmetrical shape with a total length of 4449 mm. The distance from the centerline to the outer edge is 2224.5 mm. The distance from the centerline to the inner edge is 2800 mm. The distance from the centerline to the outer edge of the hull is 210 mm. The distance from the centerline to the inner edge of the hull is 150 mm.
- View C-C (Cross-section):** Shows the cross-section of the hull section. It is a symmetrical shape with a total width of 3220 mm. The distance from the centerline to the outer edge is 1610 mm. The distance from the centerline to the inner edge is 2800 mm. The distance from the centerline to the outer edge of the hull is 210 mm. The distance from the centerline to the inner edge of the hull is 150 mm.

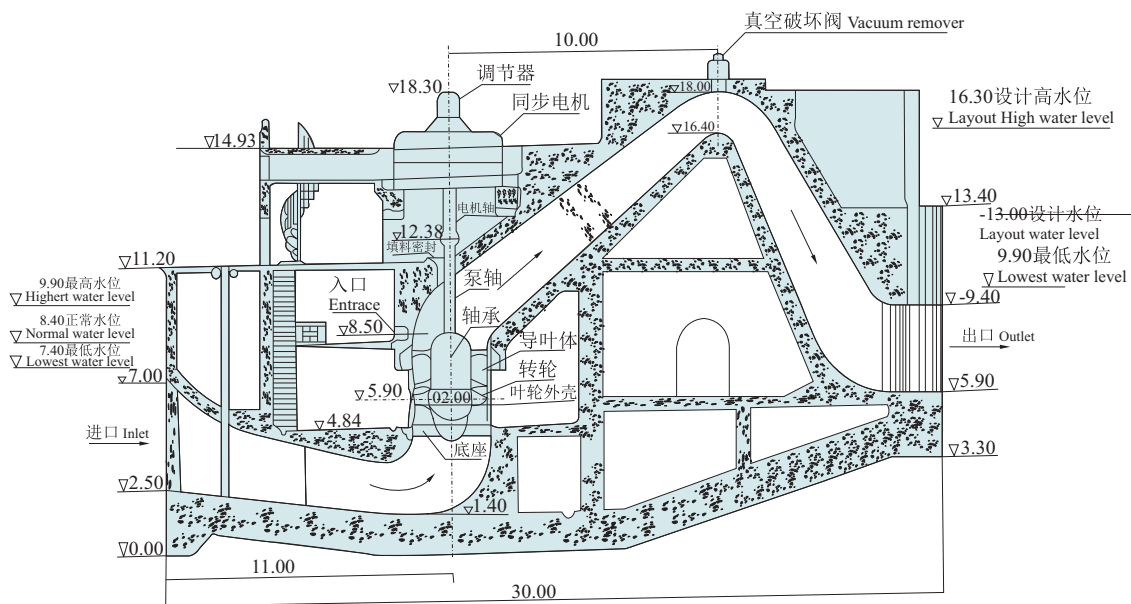
## Z ( H ) LB系列立式轴 ( 混 ) 流泵

### 安装外形尺寸图 Installation and external dimension figures

2.8ZLQ/B-5.6型轴流泵结构图  
Structure Drawing of Model 2.8ZLQ/B-5.6 Axial Flow Pump



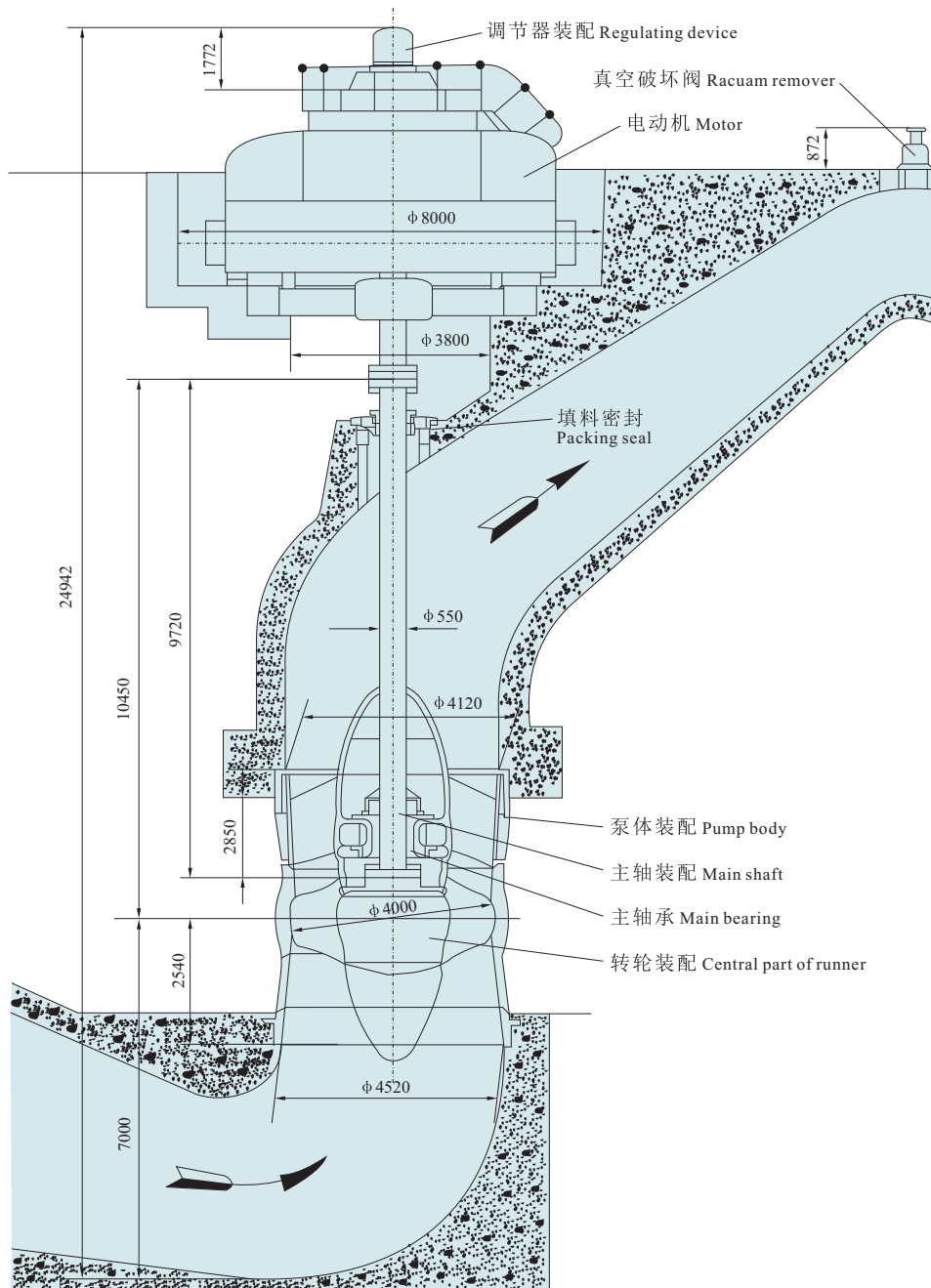
2.8ZLQ/B-5.6型泵外形和安装图  
Structure Drawing of Model 2.8ZLQ/B-5.6 Axial Flow Pump



**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**

**安装外形尺寸图 Installation and external dimension figures**

4.0ZLQ/B-9.5型泵结构安装图  
Installation sketch of 4.0ZLQ/B-9.5 Mixed-flow pump



## Z ( H ) LB系列立式轴 ( 混 ) 流泵

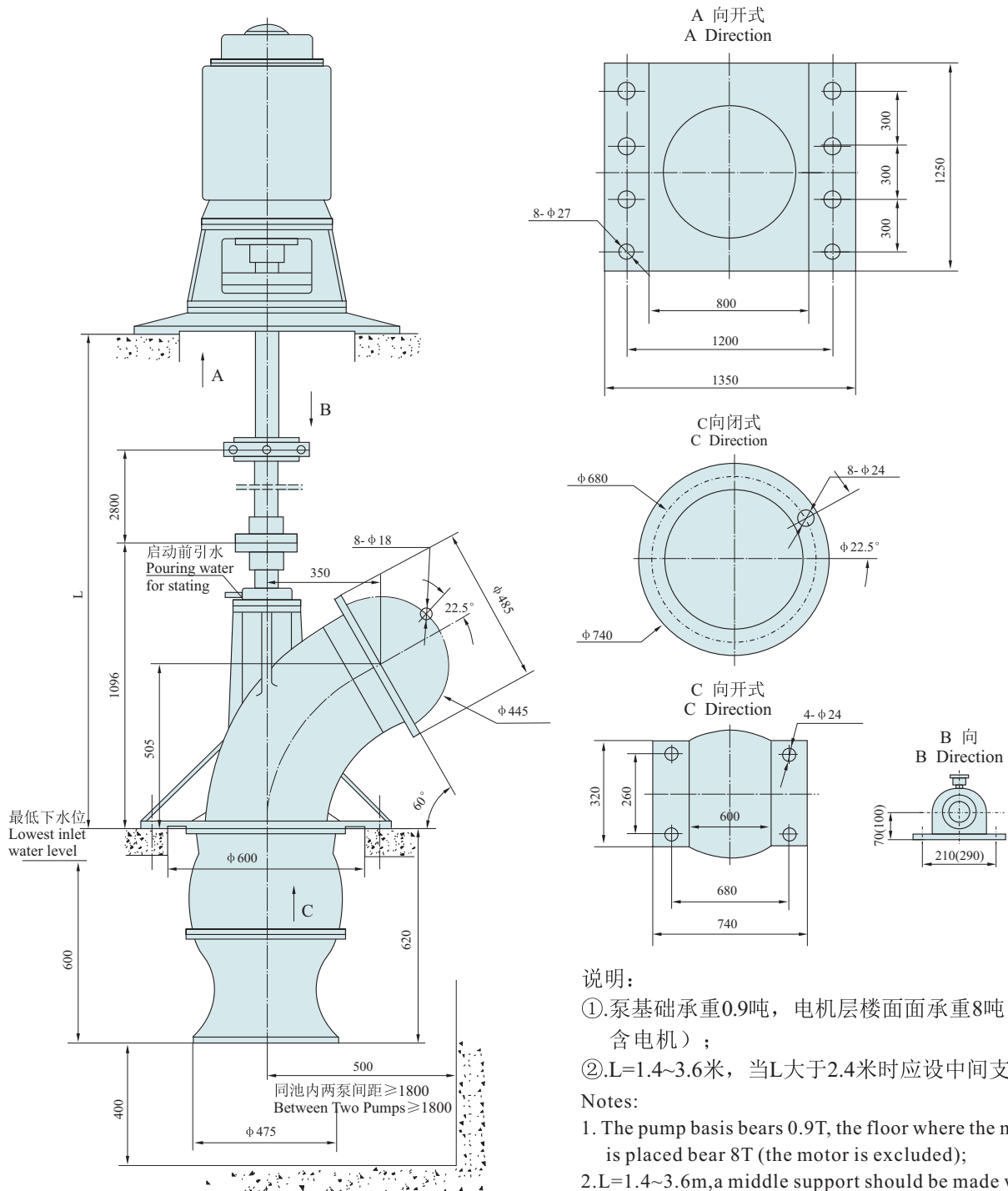
## 安装外形尺寸图 Installation and external dimension figures

### (二) HLB(Q)立式混流泵外形安装尺寸图

## (2) Installation and external dimension figures of model (HLB)Q vertical mixed-flow pump

### 350HL-15、350HL-19安装外形图

### Installation sketch of 350HL-15 and 350HL-19 Mixed-flow pump



说明:

- ①.泵基础承重0.9吨，电机层楼面承重8吨（不含电机）；
- ②.L=1.4~3.6米，当L大于2.4米时应设中间支承。

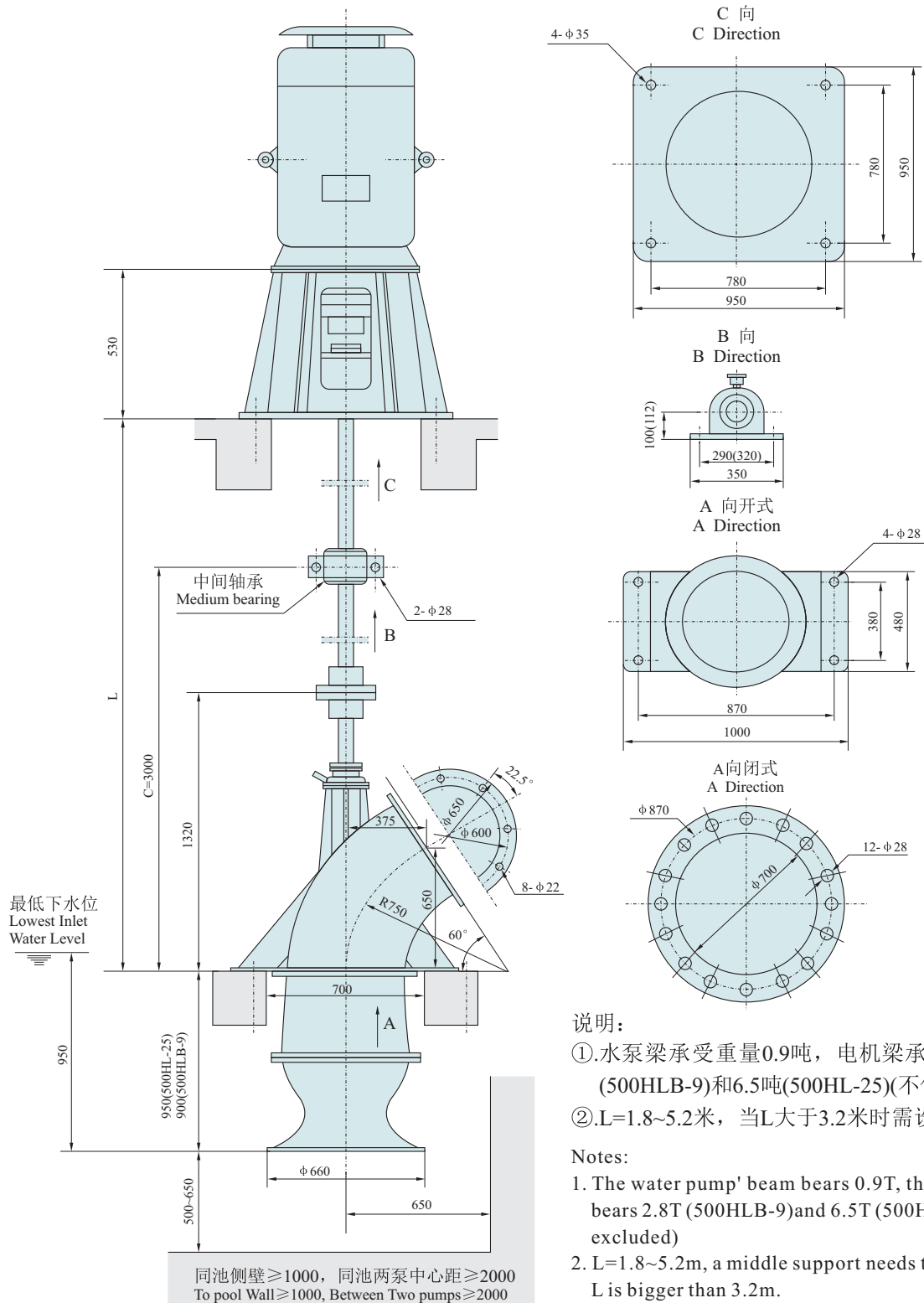
Notes:

1. The pump basis bears 0.9T, the floor where the motor is placed bear 8T (the motor is excluded);
2.  $L=1.4\sim 3.6m$ , a middle support should be made when L is bigger than 2.4m.

## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

## 安装外形尺寸图 Installation and external dimension figures

500HLB-9、500HL-25安装外形图  
Installation sketch of 500HLB-9 and 500HL-25 Mixed-flow pump



说明:

- ①.水泵梁承受重量0.9吨,电机梁承重量为2.8吨(500HLB-9)和6.5吨(500HL-25)(不包括电机);
- ②.L=1.8~5.2米,当L大于3.2米时需设中间轴承。

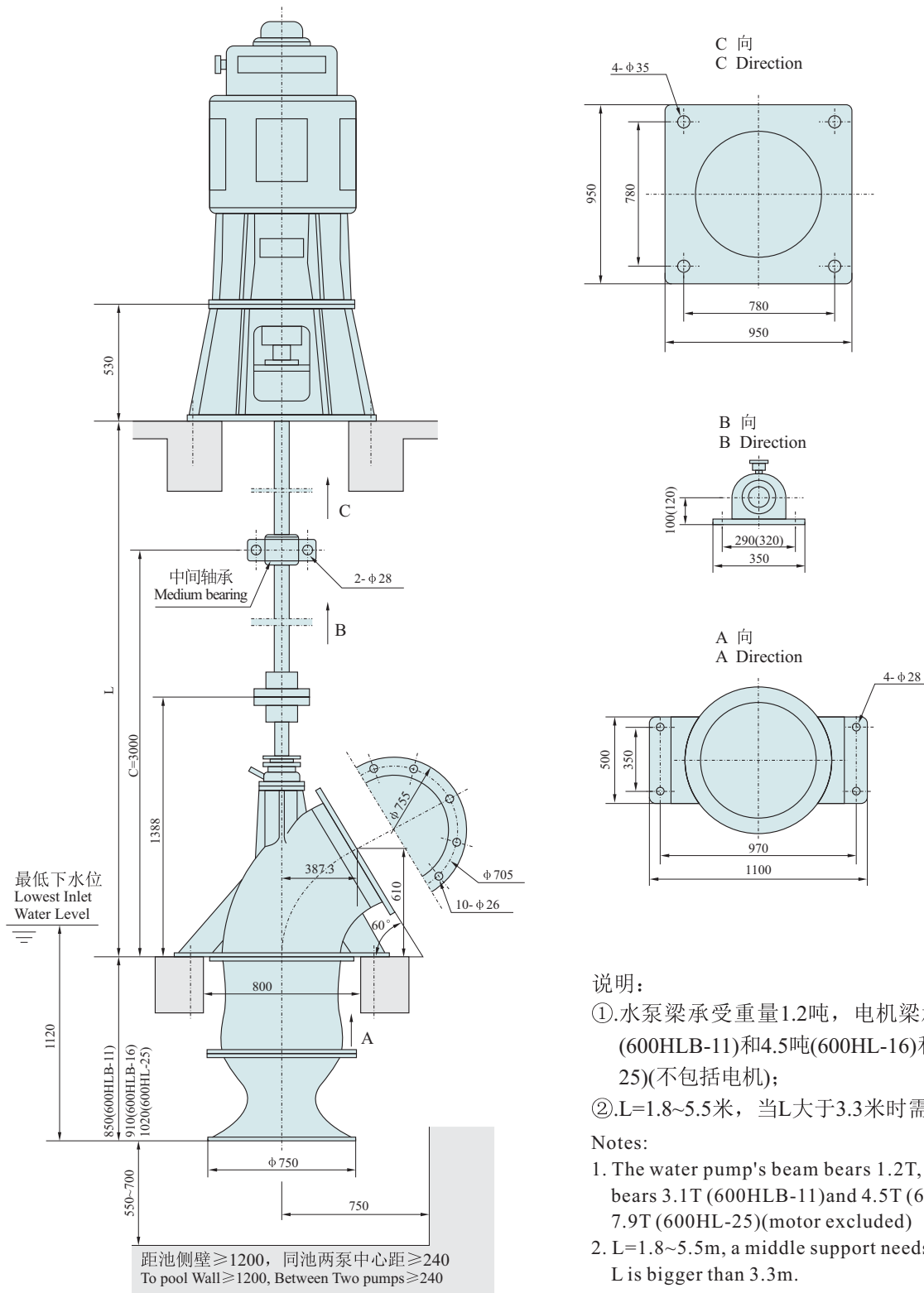
Notes:

1. The water pump's beam bears 0.9T, the motor's one bears 2.8T (500HLB-9) and 6.5T (500HL-25) (motor excluded)
2.  $L=1.8\sim 5.2\text{m}$ , a middle support needs to be set when  $L$  is bigger than 3.2m.

## Z ( H ) LB系列立式轴 ( 混 ) 流泵

## 安装外形尺寸图 Installation and external dimension figures

600HLB-11、600HLB-16、600HL-25安装外形图  
Installation sketch of 600HLB-11,600HLB-16 and 600HL-25 Mixed-flow pump



说明:

- ①.水泵梁承受重量1.2吨, 电机梁承重量为3.1吨(600HLB-11)和4.5吨(600HL-16)和7.9吨(600HL-25)(不包括电机);
- ②.L=1.8~5.5米, 当L大于3.3米时需设中间轴承。

Notes:

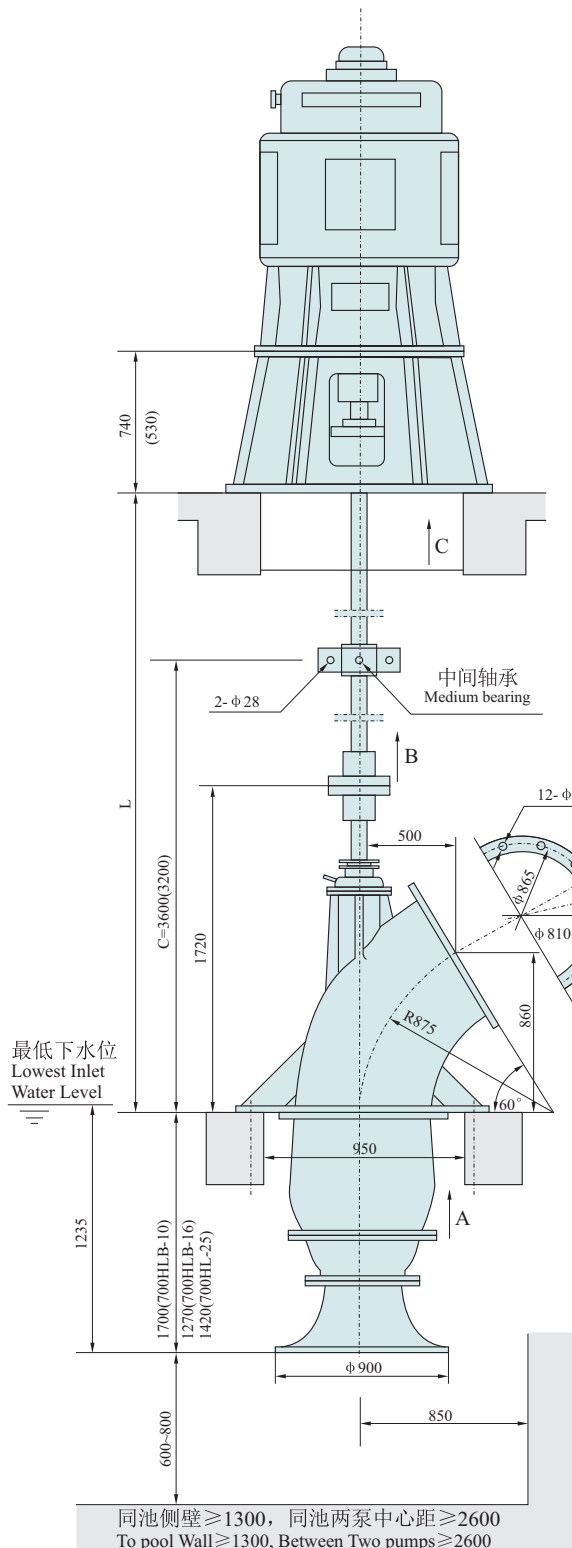
1. The water pump's beam bears 1.2T, the motor's one bears 3.1T (600HLB-11) and 4.5T (600HLB-16) and 7.9T (600HL-25)(motor excluded)
2.  $L=1.8\sim 5.5\text{m}$ , a middle support needs to be set when  $L$  is bigger than 3.3m.



**Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP**
**安装外形尺寸图 Installation and external dimension figures**

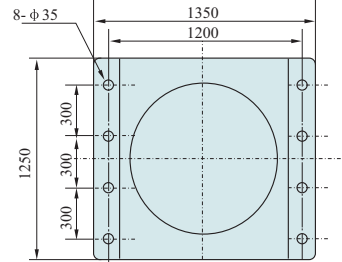
700HLB-10、700HLB-13、600HL-25安装外形图

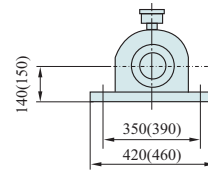
Installation sketch of 700HLB-10, 700HLB-13 and 600HL-25 Mixed-flow pump



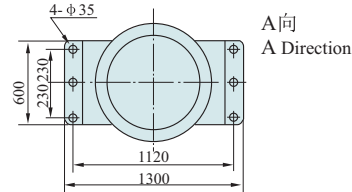
C向 (电机功率≥180千瓦用)

Direction C (used for the motor power ≥180kW)


 注: 电机功率≤155千瓦, 电机座请参阅上一  
页600HLB型电机座尺寸 (950×950)。

 Notes: motor's power ≤155kW, please refer to the  
size (950×950) of 600HLB motor seat in the last  
page for the motor seat.

 B向  
B Direction

注: 电机功率≤155千瓦, 用括号内的尺寸。

 Notes: motor's power ≤155kW, use the size in the  
bracket)

 A向  
A Direction

说明:

- ①. 水泵梁承受重量1.7吨, 电机梁承受重量为5.2吨(700HLB-10), 7.5吨(700HLB-16)和12.2吨(700HL-25)(不包括电机)
- ②.  $L=2.2 \sim 6.6$ 米, 当 $L$ 大于3.9米时需设中间轴承;
- ③. 700HLB-10型泵因配用电机155千瓦与180千瓦座号不同, 电机座及中间支承、联轴器等有变化, 请向我厂索安装外图。

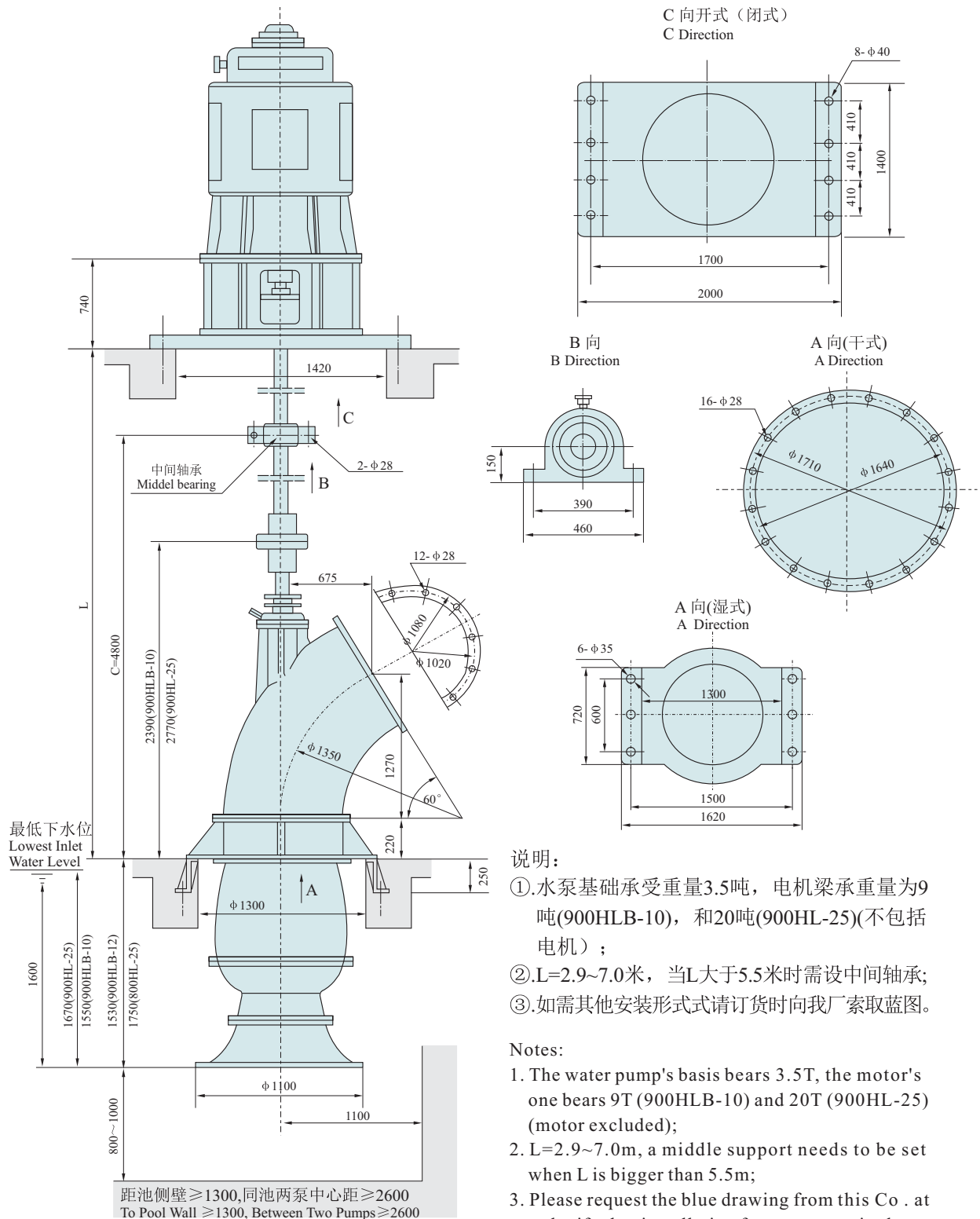
Notes:

1. The water pump's beam bears 1.7T, the motor's one bears 5.2T(700HLB-10), 7.5T(700HLB-16) and 12.2T (700HL-25) (motor excluded);
2.  $L=2.2 \sim 6.6$ m, a middle support needs to be set when  $L$  is bigger than 3.9m;
3. Please request the installation figure from this Co. as there are variations with the motor seat, middle support, clutch etc. due to the different seat numbers of 155 and 180kW motors fitted with 700HLB-10 pump.

## Z ( H ) LB系列立式轴 ( 混 ) 流泵

## 安装外形尺寸图 Installation and external dimension figures

900HLB-10、900HL-25安装外形图  
Installation sketch of 900HLB-10 and 900HL-25 Mixed-flow pump



说明:

- ①.水泵基础承受重量3.5吨，电机梁承重量为9吨(900HLB-10)，和20吨(900HL-25)(不包括电机)；
- ②.L=2.9~7.0米，当L大于5.5米时需设中间轴承；
- ③.如需其他安装形式式请订货时向我厂索取蓝图。

Notes:

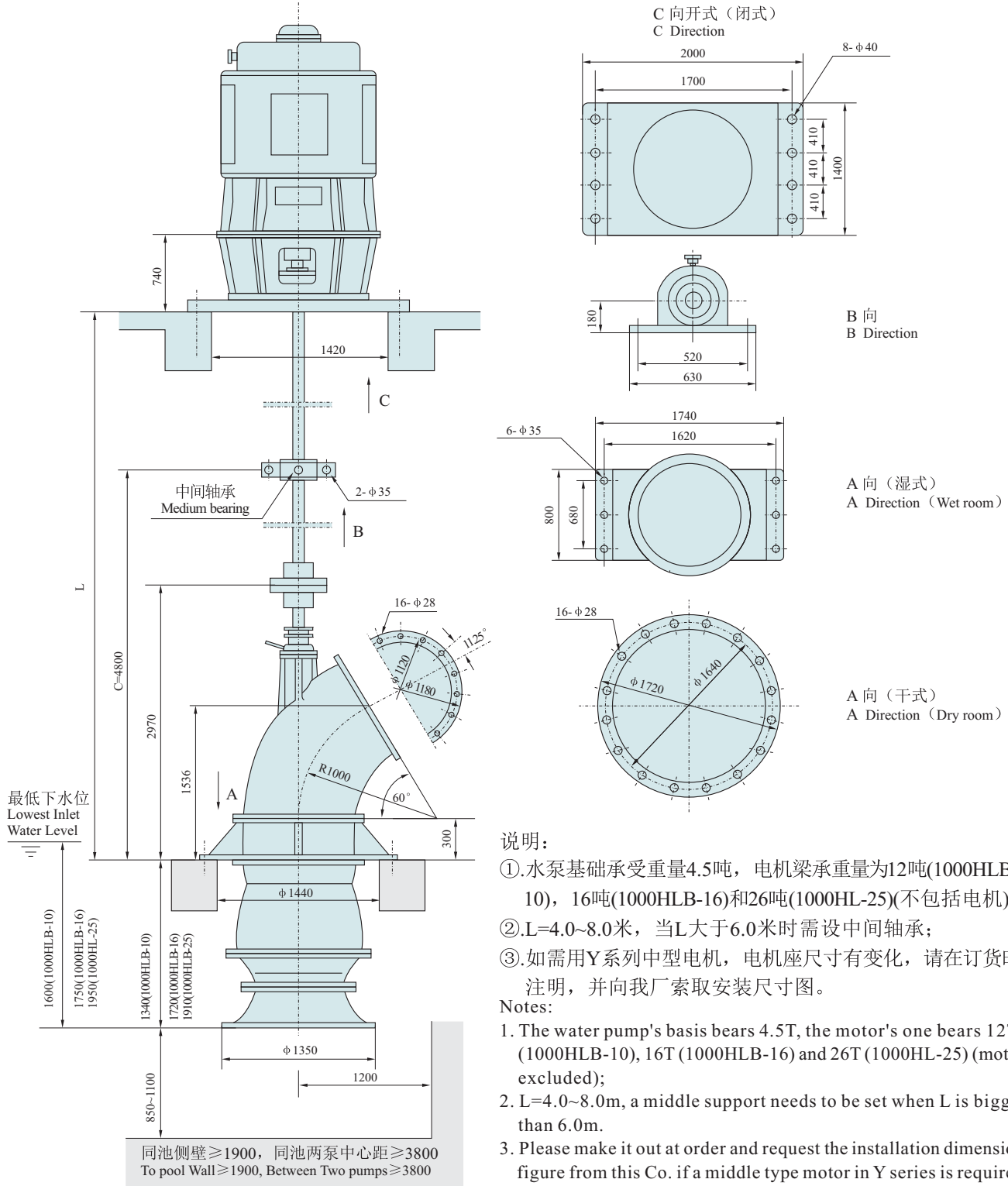
1. The water pump's basis bears 3.5T, the motor's one bears 9T (900HLB-10) and 20T (900HL-25) (motor excluded);
2. L=2.9~7.0m, a middle support needs to be set when L is bigger than 5.5m;
3. Please request the blue drawing from this Co. at order if other installation forms are required.

## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 安装外形尺寸图 Installation and external dimension figures

1000HLB-10、1000HLB-16、1000HL-25安装外形图

Installation sketch of 1000HLB-10、1000HLB-16 and 1000HL-25 Mixed-flow pump

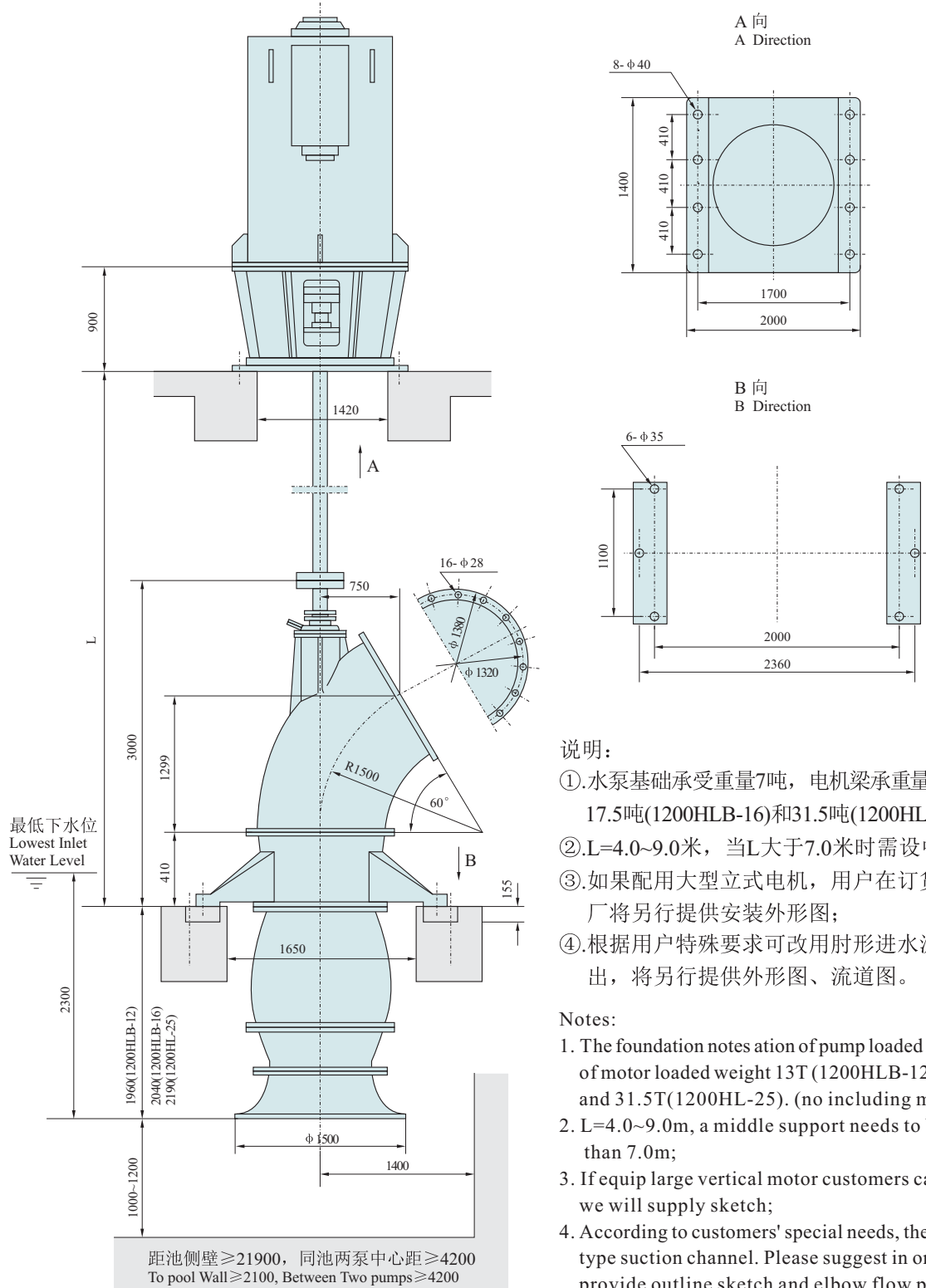


## Z ( H ) LB系列立式轴 ( 混 ) 流泵

### 安装外形尺寸图 Installation and external dimension figures

1200HLB-12、1200HLB-16、1200HL-25安装外形图

Installation sketch of 1200HLB-12, 1200HLB-16 and 1200HL-25 Mixed-flow pump



说明:

- ①.水泵基础承受重量7吨, 电机梁承重量为13吨(1200HLB-12), 17.5吨(1200HLB-16)和31.5吨(1200HL-25)(不包括电机);
- ②.L=4.0~9.0米, 当L大于7.0米时需设中间轴承
- ③.如果配用大型立式电机, 用户在订货时须提出要求, 我厂将另行提供安装外形图;
- ④.根据用户特殊要求可改用肘形进水流道, 请在订货时提出, 将另行提供外形图、流道图。

Notes:

1. The foundation notes ation of pump loaded weight 7T, the foundation of motor loaded weight 13T (1200HLB-12), 17.5T (1200HLB-16) and 31.5T (1200HL-25). (no including motor weight);
2. L=4.0~9.0m, a middle support needs to be set when L is bigger than 7.0m;
3. If equip large vertical motor customers can suggest requirement, we will supply sketch;
4. According to customers' special needs, the pump can adopt elbow type suction channel. Please suggest in ordering, our factory will provide outline sketch and elbow flow passage drawing.

## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 安装外形尺寸图 Installation and external dimension figures

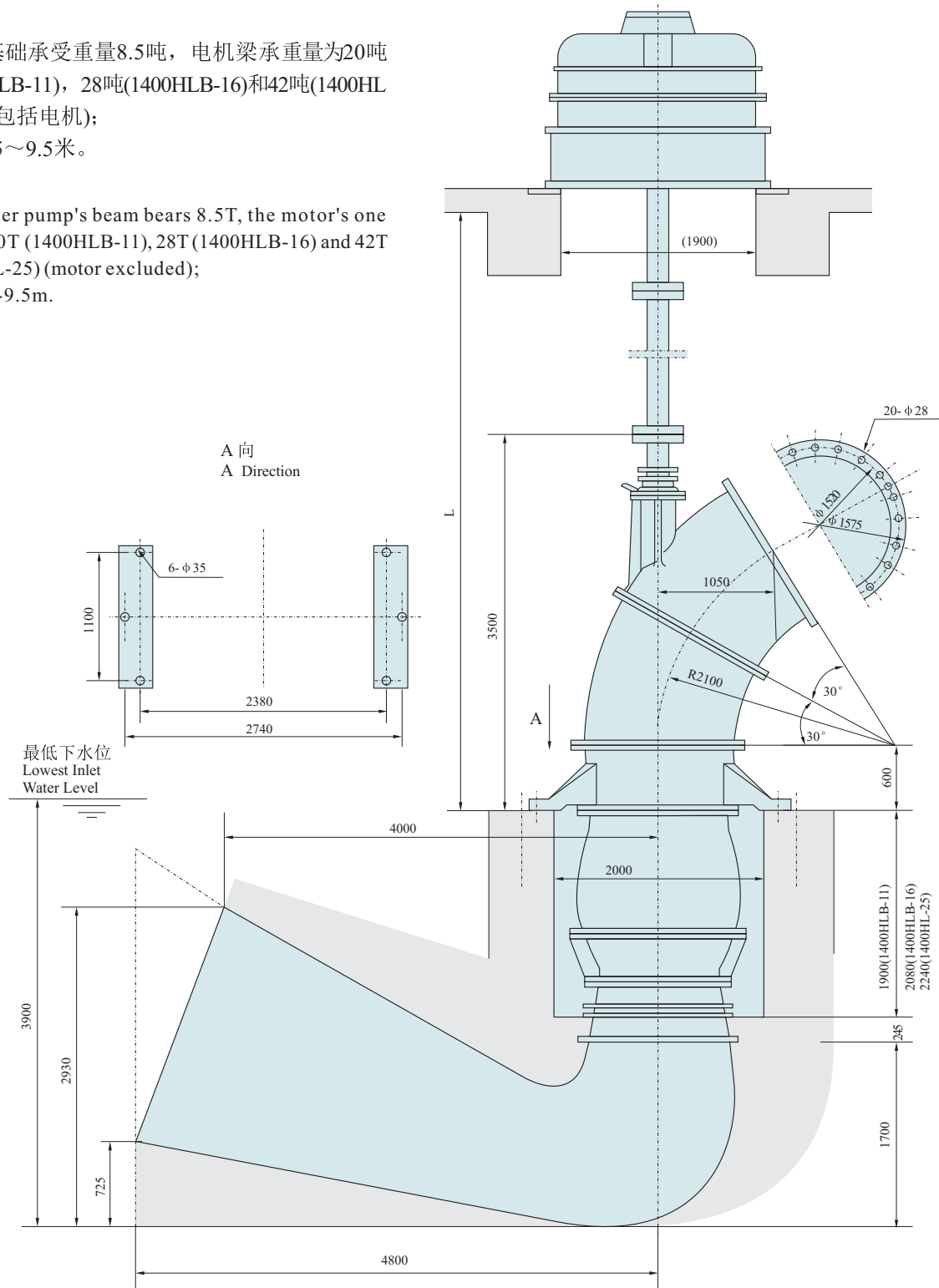
1400HLB-11、1400HLB-16、1400HL-25安装外形图  
Installation sketch of 1400HLB-11、1400HLB-16 and 1400HL-25 Mixed-flow pump

说明:

- ①.水泵基础承受重量8.5吨，电机梁承重量为20吨  
(1400HLB-11)，28吨(1400HLB-16)和42吨(1400HL-25)(不包括电机);
- ②.L=4.45~9.5米。

Note:

1. The water pump's beam bears 8.5T, the motor's one bears 20T (1400HLB-11), 28T (1400HLB-16) and 42T (1400HL-25) (motor excluded);
2. L=4.45-9.5m.



## Z ( H ) LB系列立式轴 ( 混 ) 流泵

### 安装外形尺寸图 Installation and external dimension figures

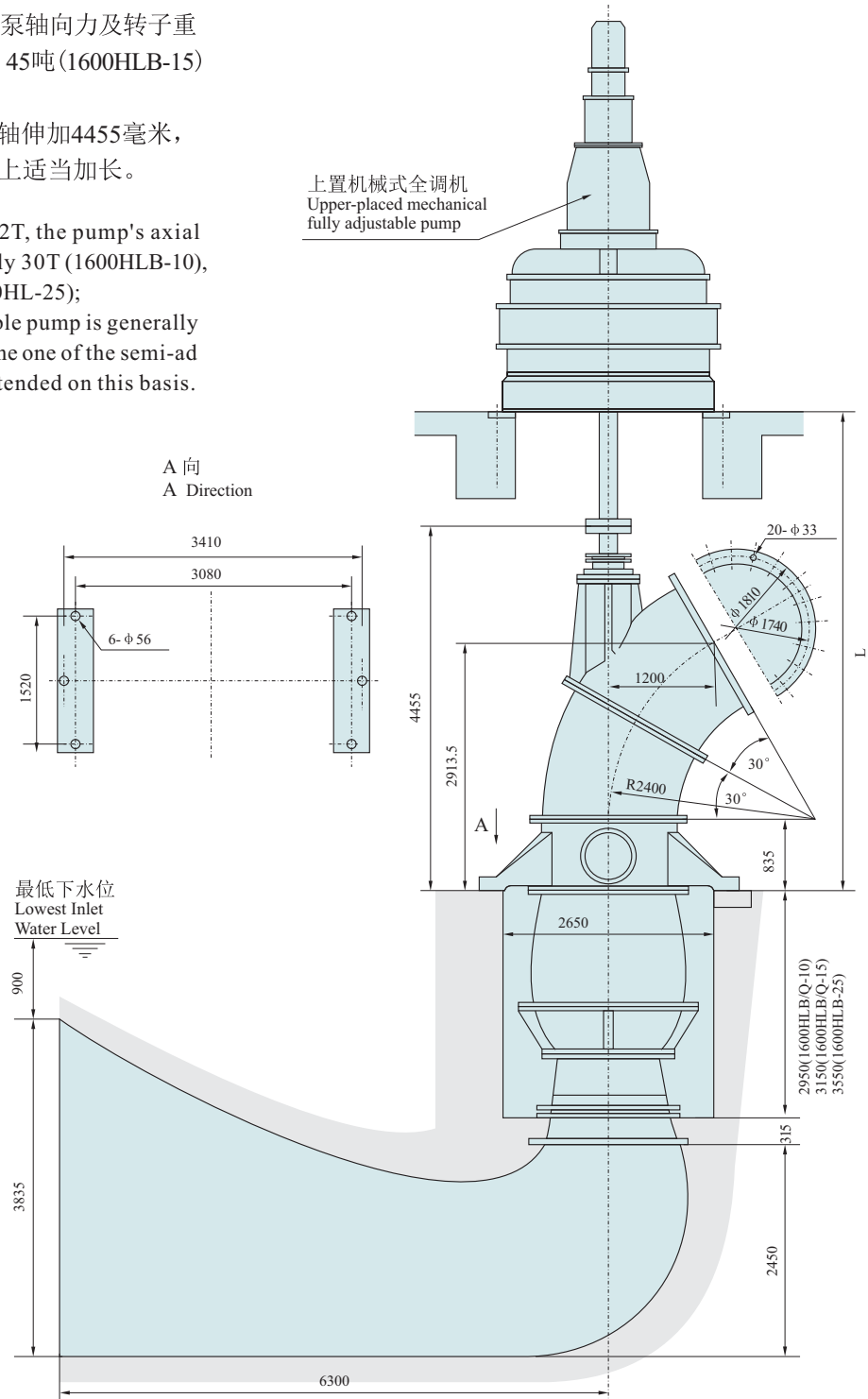
1600HLB/Q-10、1600HLB/Q-15、1600HL-25安装外形图  
Installation sketch of 1600HLB/Q-10, 1600HLB/Q-15 and 1600HL-25 Mixed-flow pump

说明:

- ①. 水泵基础承受重量12吨，水泵轴向力及转子重分别为30吨(1600HLB-10)，45吨(1600HLB-15)和72吨(1600HL-25)；
- ②. 全调节泵L长度一般为电机轴伸加4455毫米，半调节泵L长度可在此基础上适当加长。

Note:

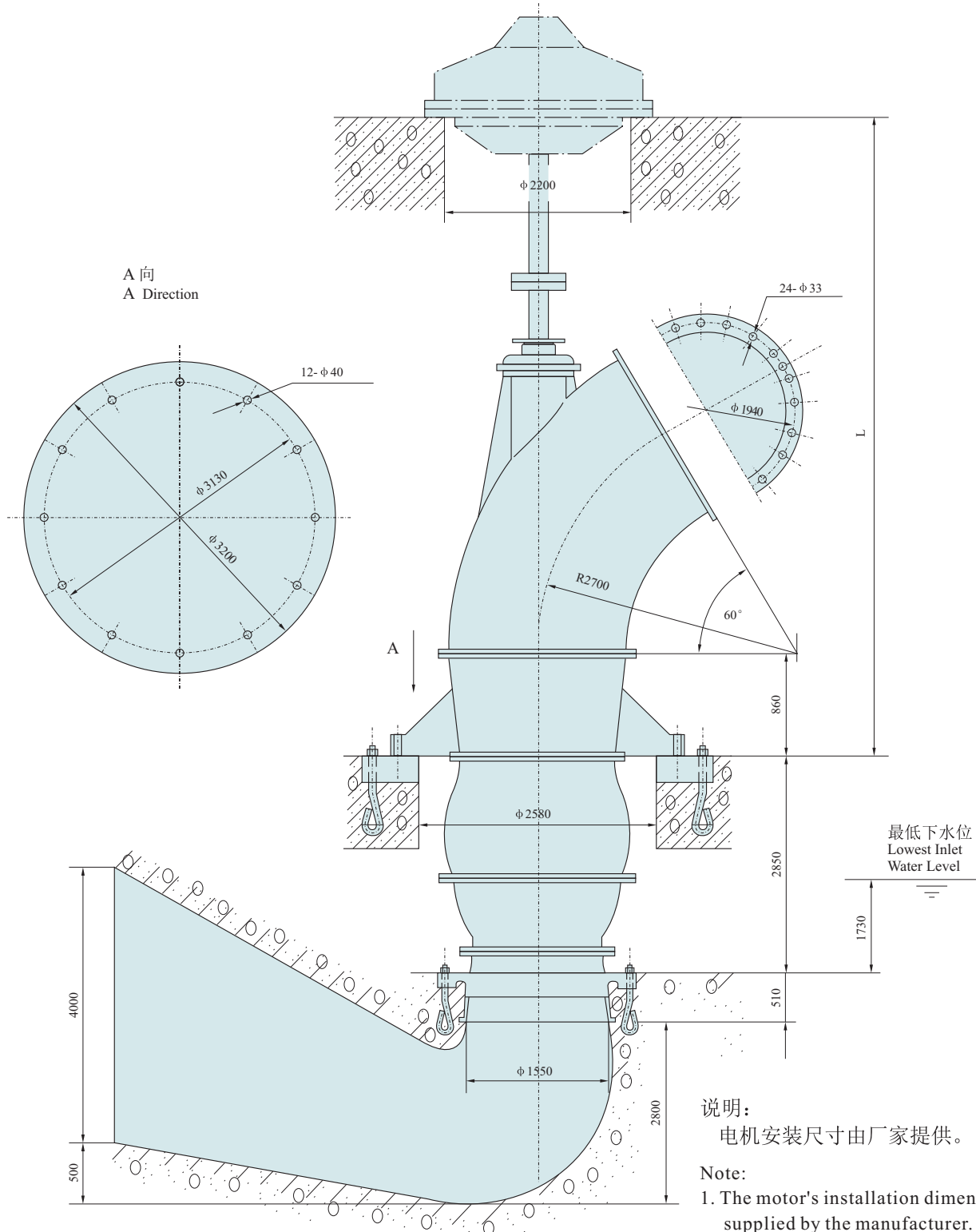
1. The water pump's beam bears 12T, the pump's axial force and rotor weigh sepa rately 30T (1600HLB-10), 45T (1600HLB-15) and 72T (1600HL-25);
2. The length L of the fully adjustable pump is generally the motor's shaft plus 4455mm, the one of the semi-ad justable one can be properly extended on this basis.



## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 安装外形尺寸图 Installation and external dimension figures

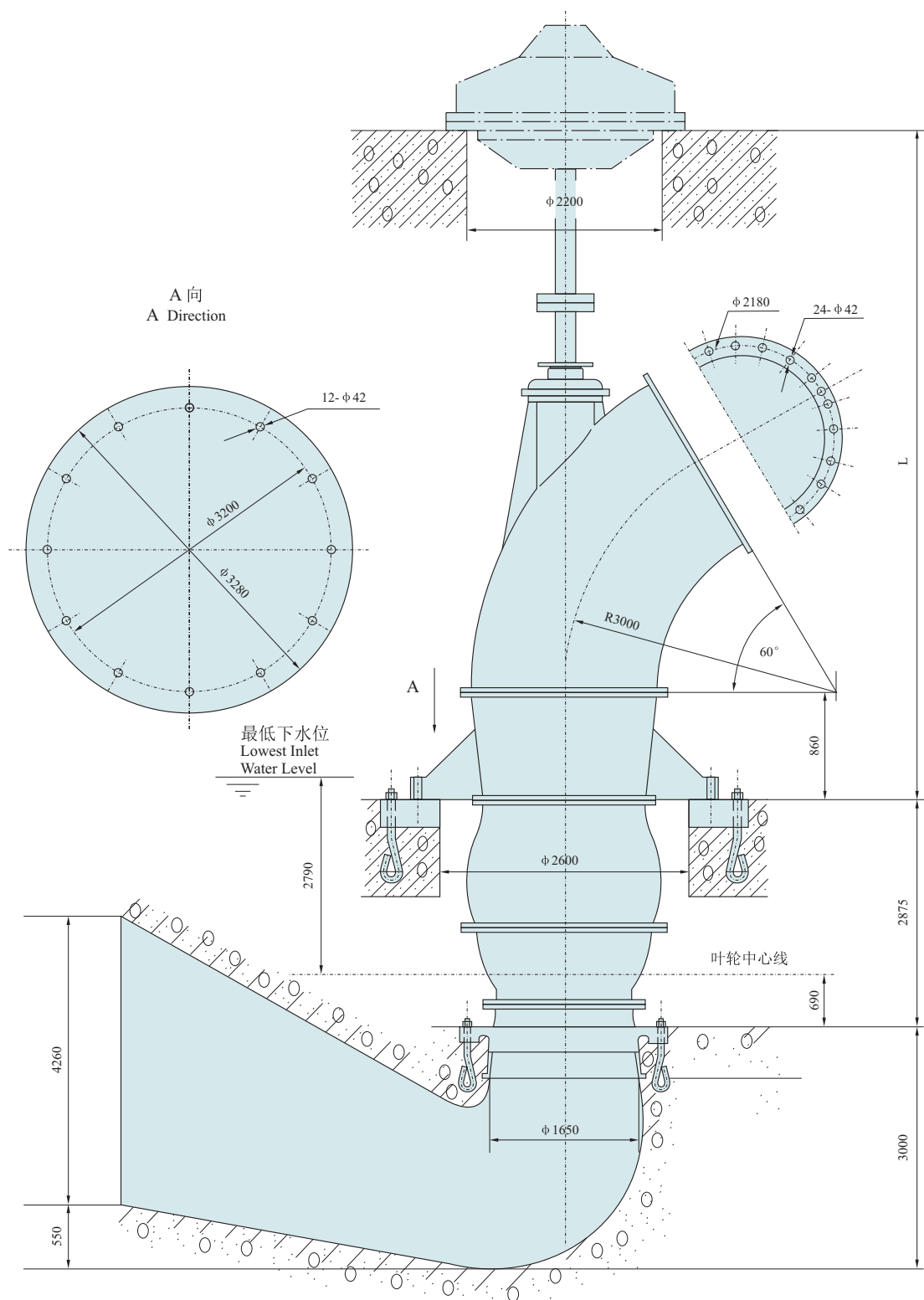
1800HLB-10.5安装外形图  
Installation sketch of 1800HLB-10.5 Mixed-flow pump





## 安装外形尺寸图 Installation and external dimension figures

2000HLB安装外形图  
Installation sketch of 2000HLB Mixed-flow pump



说明：  
电机安装尺寸由厂家提供。

Note:  
1. The motor's installation dimensions will be supplied by the manufacturer.

## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

## 订货须知 Notices at order

1、应按使用情况决定泵的型号规格、材料、密封形式及电机。在订货时应提供介质名称、流量、扬程、吸入压力、汽蚀余量NPSHr等，并指出介质的密度、粘度、浓度、温度、饱和蒸汽压、结晶性以及是否含有固体颗粒，固体颗粒的种类和尺寸。

2、若对原动机有特殊要求时，用户应说明现场条件、环境温度和湿度、安装地点及类别。

注：①. 为确保用户利益，样本所列安装尺寸仅供参考，订货时以制造厂商提供的安装图为准。

②. 如有其它特殊要求，签订合同前请与本公司技术部联系，并在合同上说明具体要求。

3、成套供应范围（具体供货以合同为准）

①. 水泵本体一台

②. 传动装置（电机承受轴向力时无此部件）一套

③. 专用拆卸工具一套

④. 根据用户需要可另行配套供应：电机、30°弯管和直管、拍门、易损件和配件、电控柜、拦污栅或清污机等。

1. Decide the pump's model, norm, material, form of seal and motor upon the conditions of use and, at order, provide the medium's name, flow, head, suck-in pressure, NPSHr and medium's density, viscosity, concentration, temperature, saturated steam pressure, crystallinity as well as if containing solid grains, the variety and size of the grains.

2. Make out the site condition, ambient temperature and humidity, installation place and type in case of any special requirements to the prime mover.

Note:(1) To make sure of the user's benefit, the installation dimensions listed in the catalogue are for reference only and those in the installation drawing provided by the manufacturer will be taken as the standard at order.

(2) Please contact with the technical department of this Co. before signing the contract in case of any other requirements and make out the detailed requirements on the contract.

3. Completed supply (take the goods on the contract as the standard )

1) One water pump

2) One set of actuator (without this when the motor bears the axial force)

3) One set of special tools for assembly and disassembly

4) The followings can be supplied upon the demand of users: motor, 30elbow and straight pipe, beat-door, easily-worn-out parts and accessories, electric panel, trash rack or trash scavenger etc.

**Z ( H ) LB系列立式轴（混）流泵**

**各种附件附图 Series pump various of attachments drawing**

根据客户需要，我公司可供应下列附件：

**1、拦污栅**

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

GS为钢丝绳式格栅除污机。

GSE为移动式格栅除污机。

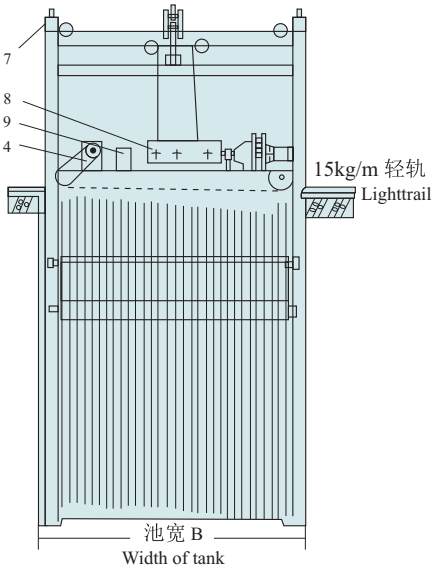
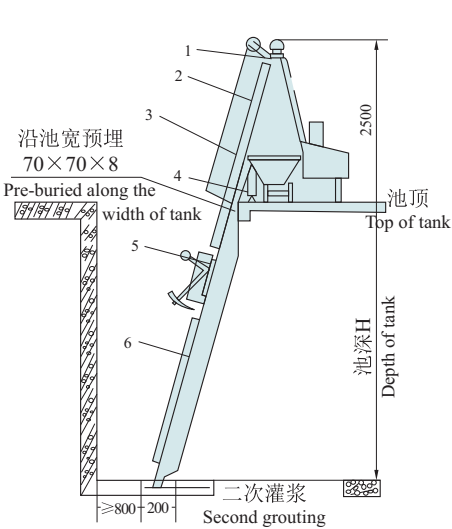
We can support attachment follow attachments on customer's request.

**1. Sewage Grid**

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

GS pattern steel cable grille waste remover.

GSE pattern movable grille waste remover.



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

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

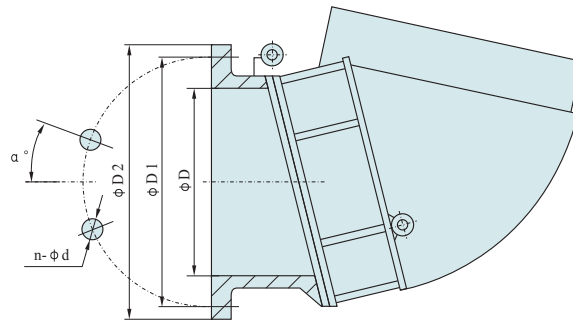
| 型 号<br>Pattern  | 格栅宽度<br>Griue width | 井梁(m)<br>Weudepth | 栅条间距(mm)<br>Clarance between bars | 安装角度<br>Installing angle | 电机功率<br>Motor power                                                                                                                                     |
|-----------------|---------------------|-------------------|-----------------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| GS<br>GSE -1000 | 1000                | 2~12              | 20~200                            | 60° ~75°，特<br>殊情况时可用90°  | 升降电机1.1~1.5kW，控制<br>电机0.75kW，行走电机0.8<br>/0.4kW(双速)<br><br>Elevting motor 1.1~1.5kW,<br>controlmoto 0.75kW, Walking<br>motor 0.8/0.4kW(Double-<br>speed) |
| GS<br>GSE -1250 | 1250                |                   |                                   |                          |                                                                                                                                                         |
| GS<br>GSE -1500 | 1500                |                   |                                   |                          |                                                                                                                                                         |
| GS<br>GSE -1750 | 1750                |                   |                                   |                          |                                                                                                                                                         |
| GS<br>GSE -2000 | 2000                |                   |                                   |                          |                                                                                                                                                         |

## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 各种附件附图 Series pump various of attachments drawing

#### 2、拍门 Stadiizmg

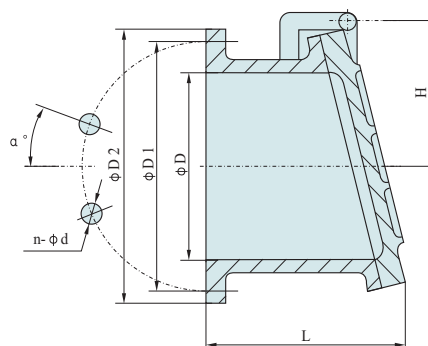
##### A. 浮箱式拍门外形及联接尺寸 Appearance and connection dimension table for flap valve.



注：联接尺寸有0.25MPa、0.6MPa和1.0MPa(GB9115-2000)供选择，如无特殊说明，一般为0.25MPa。

Note: there are 0.25MPa, 0.6MPa and 1.0MPa (GB9115-2000) three connecting dimensions for your choice and it comes as 0.25MPa in general if there is no special note.

##### B. 配重式拍门外形图联接尺寸表 Appearance and connection dimension for Alocated heavy flap valve.



注：联接尺寸有0.25MPa、0.6MPa和1.0MPa(GB9115-2000)供选择，如无特殊说明，一般为0.25MPa。

Note: there are 0.25MPa, 0.6MPa and 1.0MPa (GB9115-2000) three connecting dimensions for your choice and it comes as 0.25MPa in general if there is no special note.