



## ZLB Series Vertical Axial Flow Pump ZLB系列立式轴流泵

立足品质 佳品天下

*Based on quality, market all  
over the world*



### 联系我们 Contact us

地址/Add: 湖南省长沙市天心区韶山南路828号  
No. 828, Shaoshan South Road, Tianxin  
District, Changsha City, Hunan Province

传真/Fax: +86-18507312158 15111351988

邮编/Postcode: +86-731-85580727

网址/Website: <http://www.ljpump.cn>

邮箱/E-mail: [sale@ljpump.net](mailto:sale@ljpump.net)

2014.12

**湖南立佳机械制造有限公司**  
**Hunan Lijia Machinery Manufacturing Co., Ltd**



# ZLB(Q)系列轴流泵

## 产品型号 / TYPE

- ▶ LC系列立式长轴泵 ..... LC Series Vertical Long-shaft Pump
- ▶ LDTN系列立式多级筒袋式冷凝泵 ..... LDTN Series Vertical Multistage Barrel Casing Condensate Pump
- ▶ HLB(K)系列立式斜流泵 ..... HLB(K) Series Vertical Mixed Flow Pump
- ▶ YW系列液下排污泵 ..... YW Series Submerged Sewage Pump
- ▶ H系列直角齿轮箱 ..... H Series Right Angle Gearbox
- ▶ PWDDFL系列多吸头排污泵 ..... PWDDFL Series Multi Suction Sewage Pump
- ▶ ZJL系列液下渣浆泵 ..... ZJL Series Vertical Slurry Pump
- ▶ **ZLB(Q)系列轴流泵 ..... ZLB(Q) Series Axial Flow Pump**
- ▶ JLS系列高效单级双吸离心泵 ..... JLS Series High Efficiency Single Stage Double Suction Centrifugal Pump
- ▶ D系列多级离心泵 ..... D Series Single Suction Multistage Segmental Centrifugal Pump
- ▶ DG型锅炉给水泵 ..... DG Series Bboiler Feed Pump
- ▶ NW系列疏水泵 ..... NW series drain pump
- ▶ HD\HDS\HDC系列导叶式混流泵 ..... HD\HDS\HDC Series Diffusion Mixed Flow Pump
- ▶ HL\HLZ系列立式混流泵 ..... HL\HLZ Series Vertical Volute Mixed Flow Pump
- ▶ WLZ、WZY系列立式自吸泵 ..... WLZ、WZY Series Vertical Non-Leakage Self-suction Pump
- ▶ HW\HWG系列卧式蜗壳混流泵 ..... HW\HWG Series Horizontal Volute Mixed Flow Pump
- ▶ ISG系列单级单吸管道离心泵 ..... ISG Series Pipeing Centrifugal Pump
- ▶ IS (IR、IY)系列单级单吸离心泵 ..... IS、IR、IY Series Single-stage Single-suction Centrifugal Pump
- ▶ IH系列单级单吸化工离心泵 ..... IH Series Single-stage Single-suction Chemical Centrifugal Pump
- ▶ QW系列潜水污水泵 ..... QW Series Submersible Sewage Pump
- ▶ BWQ系列矿用潜水电泵 ..... BWQ Series Mine Submersible Pump
  
- ▶ ZJ系列渣浆泵 ..... ZJ Series Pump Centrifugal Slurry Pump

## 目录

ZLB(Q)型泵产品概况 ..... 002	ZLB(Q) Product overview
ZLB(Q)型轴流泵典型结构图 ..... 003	ZLB(Q) Typical structure drawing
350(14")系列轴流泵性能参数表、性能曲线图及外形安装尺寸图 ..... 005	350(14") Performance parameters table、performance curves & dimensions chart
500(20")系列轴流泵性能参数表、性能曲线图及外形安装尺寸图 ..... 012	500(20") Performance parameters table、performance curves & dimensions chart
600(24")系列轴流泵性能参数表、性能曲线图及外形安装尺寸图 ..... 023	600(24") Performance parameters table、performance curves & dimensions chart
700(28")系列轴流泵性能参数表、性能曲线图及外形安装尺寸图 ..... 029	700(28") Performance parameters table、performance curves & dimensions chart
800(32")系列轴流泵性能参数表、性能曲线图及外形安装尺寸图 ..... 044	800(32") Performance parameters table、performance curves & dimensions chart
900(36")系列轴流泵性能参数表、性能曲线图及外形安装尺寸图 ..... 052	900(36") Performance parameters table、performance curves & dimensions chart
1000(40")系列轴流泵性能参数表、性能曲线图及外形安装尺寸图 ..... 066	1000(40") Performance parameters table、performance curves & dimensions chart
1200(48")系列轴流泵性能参数表、性能曲线图及外形安装尺寸图 ..... 070	1200(48") Performance parameters table、performance curves & dimensions chart
1400(56")系列轴流泵性能参数表、性能曲线图及外形安装尺寸图 ..... 078	1400(56") Performance parameters table、performance curves & dimensions chart
1600(64")系列轴流泵性能参数表、性能曲线图及外形安装尺寸图 ..... 083	1600(64") Performance parameters table、performance curves & dimensions chart
逆止阀外形尺寸 ..... 089	Check valve



## 概述

ZLB(Q)型泵系单级立式轴流泵，液体沿泵轴轴线方向流动。本型水泵扬程低、流量大，适于吸送清水或物理及化学性质类似水的其它液体之用，吸送液体的最高温度为50℃，故主要供农田排灌之用，也用于工业上热电站输送循环水，都市提升给水，船坞升降水位或其它水利工程等，使用范围十分广泛。

## 型号意义

例：40ZLB(Q)-125(DP)  
 40——出水口径被25除所得值，即该泵出水口径直径1000毫米  
 Z——轴流泵  
 L——立式  
 B——叶片为半调节  
 Q——叶片为全调节  
 125——表示水泵比转速的1/10化整数（即该泵比转速为1250）  
 DP——单基础安装结构

例：1000ZLB(Q)-4(DP)  
 1000——水泵出口公称直径(mm)  
 4——水泵设计扬程为4m  
 ZLB(Q)意义同40ZLB(Q)-125(DP)  
 DP意义同40ZLB(Q)-125(DP)

## 结构特点：

- 安装方式**  
 单层基础：电动机与泵安装在同一个基础层上，泵出水口可布置在基础之上。  
 双层基础：电动机与泵安装在各自的基础层之上，泵出水口在两基础层之间。
- 泵轴采用优质碳素钢制成，它靠上下两只橡胶轴承来支承用水作为润滑剂。
- 泵轴需耐磨处装有轴套，轴套表面镀镍磷，以提高耐磨性和抗蚀性。
- 叶片为半调节结构，可根据性能样本选择叶片的安装角度，扩大使用范围。

## Introduction

Model ZLB(Q) axial-flow pumps are pumps of single stage and vertical type, the liquid flows along pump shaft and is delivered at the pump outlet. The head is low and the capacity is large, so ZLB(Q) pumps are chiefly used for agricultural irrigation and drainage, also suitable for water circulation in power plant, municipal water supply, water level changing of dock and other water conservancy projects. The pumps can deliver clean water or other liquids with the same physical and chemical properties as water. The application range is excellent. The temperature of liquid pumped should be lower than 50℃.

## Nomenclature

Example: 40ZLB(Q)-125(DP)  
 40——1/25 of pump outlet diameter(mm), expressed in whole number (i.e. pump outlet diameter is 1000mm, roughly equal to 40")  
 Z——Axial-flow pump  
 L——Vertical type  
 B——Impeller vane angle can be adjusted by disassembling the impeller set and adjusted by hand  
 Q——Impeller vane angle can be adjusted by run time  
 125——1/10 of pump specific speed, expressed in whole number (i.e. the pump specific speed is 1250)  
 DP——Mounting structure of single base

Example: 1000ZLB(Q)-4(DP)  
 1000——Outlet diameter of pump is 1000mm  
 4——The designed head is 20m  
 ZLB(Q) the same meaning 40ZLB(Q)-125(DP)  
 DP the same meaning 40ZLB(Q)-125(DP)

## Construction feature

- Installing mode**  
 Single foundation: Pump and motor are installed in the same foundation with outlet above or under foundation.  
 Double foundation: pump and motor is separately installed in itself foundation with outlet between the two foundations.
- Pump shaft is made of high grade carbon steel and is supported by two rubber or plastic bearings with water as a lubricant.
- In contact with rubber or plastic bearing is the shaft sleeve which is coated with a film of chromium in order to upgrade the anti-corrosive and anti-wearing effect.

5. 泵的轴向力由电机的止推轴承承受或泵的推力轴承承受。

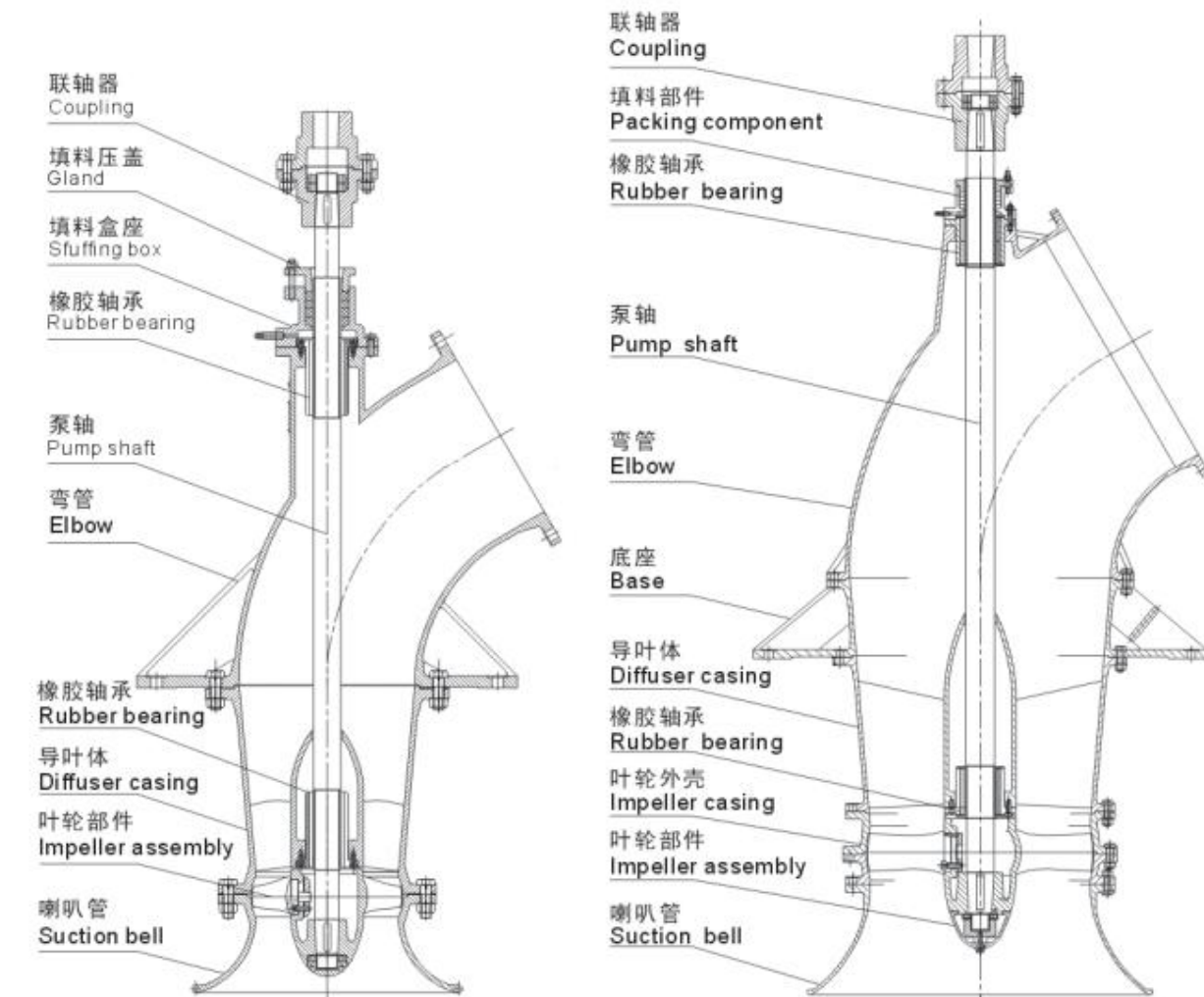
注意：传动部件不得露天摆放，以防灰尘及水汽侵入轴承。

Note: Transmission components shall not be open-air display, to prevent dust and water vapor into the bearing.

4. The capacity and head of the pump can be changed by changing speed or adjusting vane angle according to performance table, if necessary.

5. The axial force of pump is borne by the thrust bearing of motor or the thrust bearing of pump.

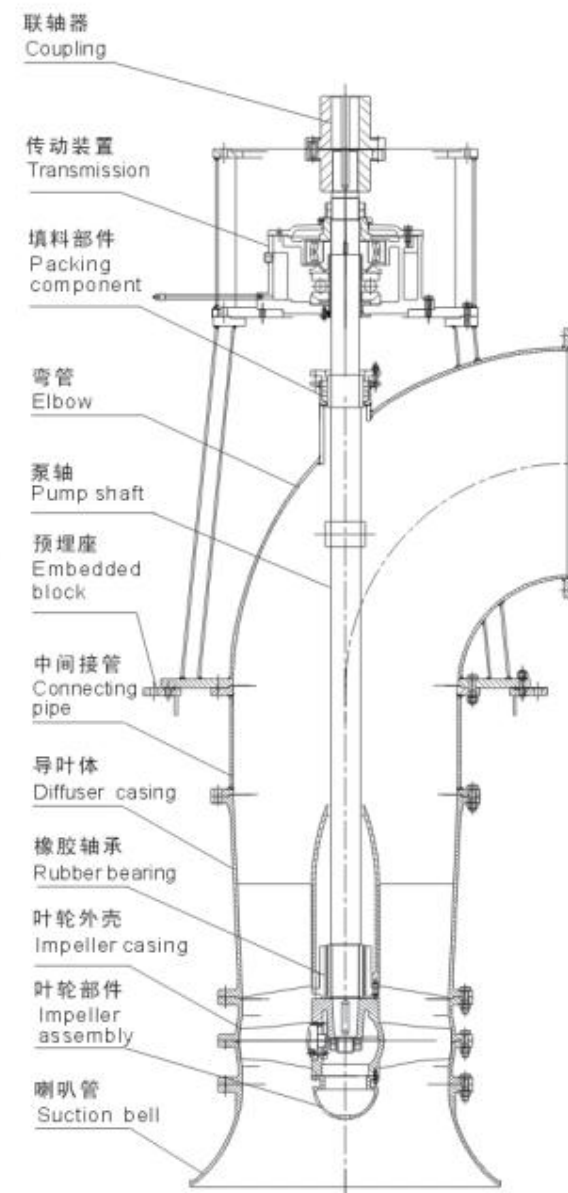
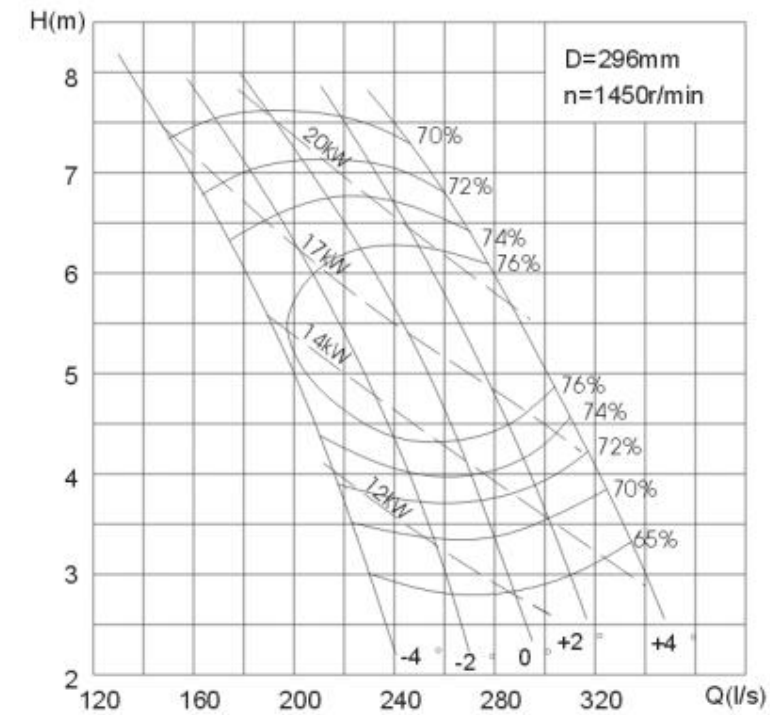
ZLB(Q)型轴流泵典型结构图  
 ZLB(Q) Typical structure drawing



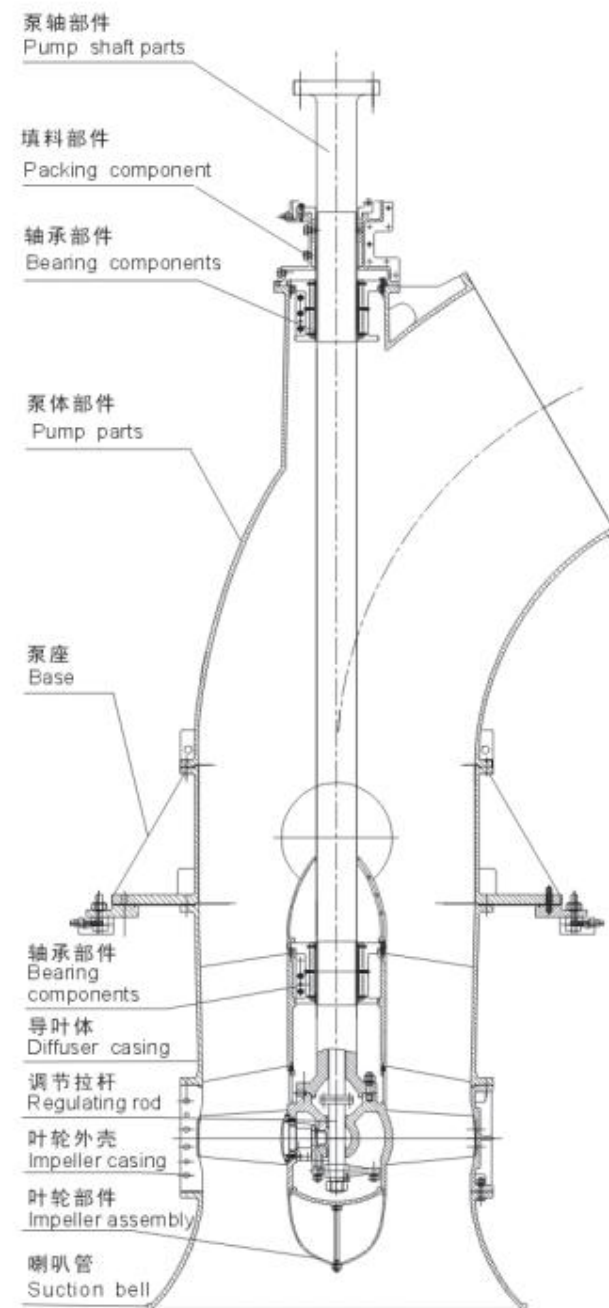
ZLB型轴流泵典型结构图 (I)  
 Typical structure of type ZLB(I)

ZLB型轴流泵典型结构图 (II)  
 Typical structure of type ZLB(II)

14ZLB-70型轴流泵工作性能曲线  
Performance Curves for 14ZLB-70 Axial-flow Pump



ZLB-DP型轴流泵典型结构图 (III)  
Typical structure of type ZLB-DP(III)

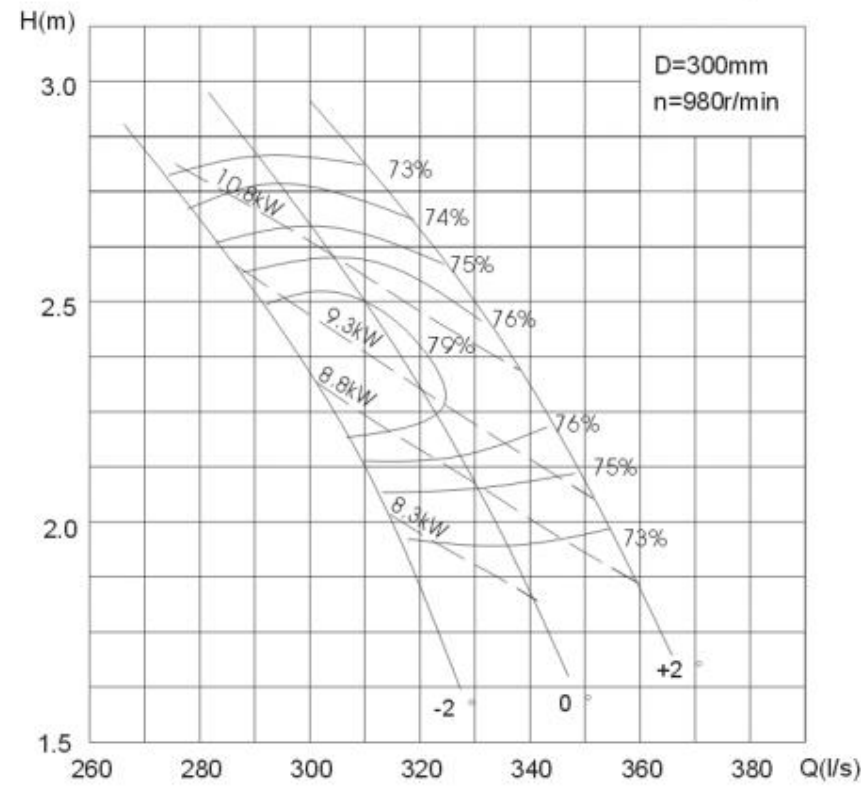


ZLQ型轴流泵典型结构图 (IV)  
Typical structure of type ZLQ(IV)

叶片安放角度 Vance Angle( $\beta$ )	流量Q Capacity (l/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 $\eta$ Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	280	6.00	1450	21.0	22	76.0	296
	300	5.15		19.9		76.2	
	325	3.75		17.1		70.0	
+2°	238	6.80		21.4		74.0	
	265	5.60		19.5		77.5	
	303	3.60		15.3		70.0	
0°	207	7.20		20.2		72.5	
	245	5.50		17.1		77.2	
	282	3.40		13.4		70.0	
-2°	180	7.30		18.0		71.5	
	220	5.40		15.2		76.5	
	250	3.40		11.9		70.0	
-4°	150	7.30	15.7	70.0			
	195	5.35	13.5	75.5			
	222	3.65	11.3	70.0			

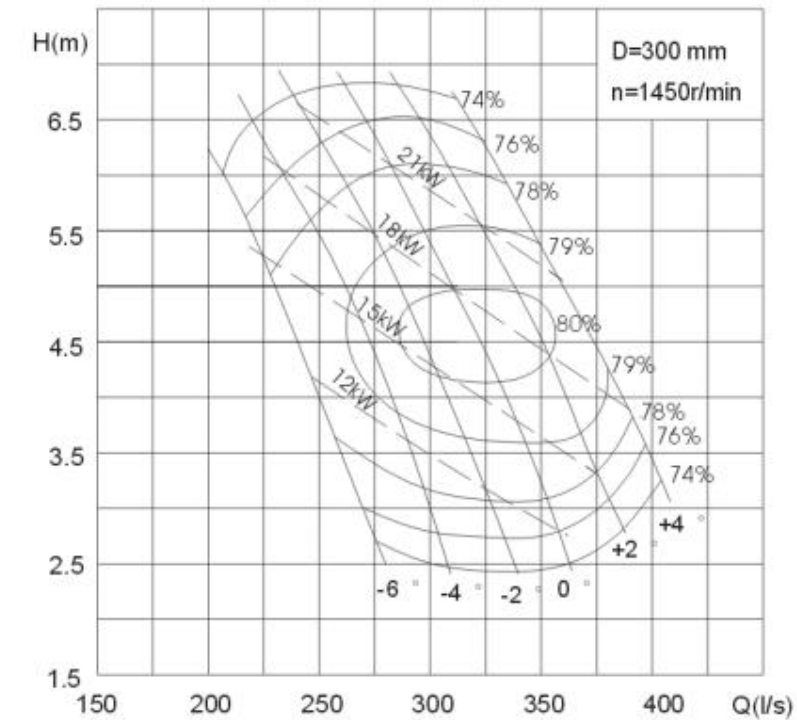


14ZLB-100D 型轴流泵工作性能曲线  
Performance Curves for 14ZLB-100D Axial-flow Pump



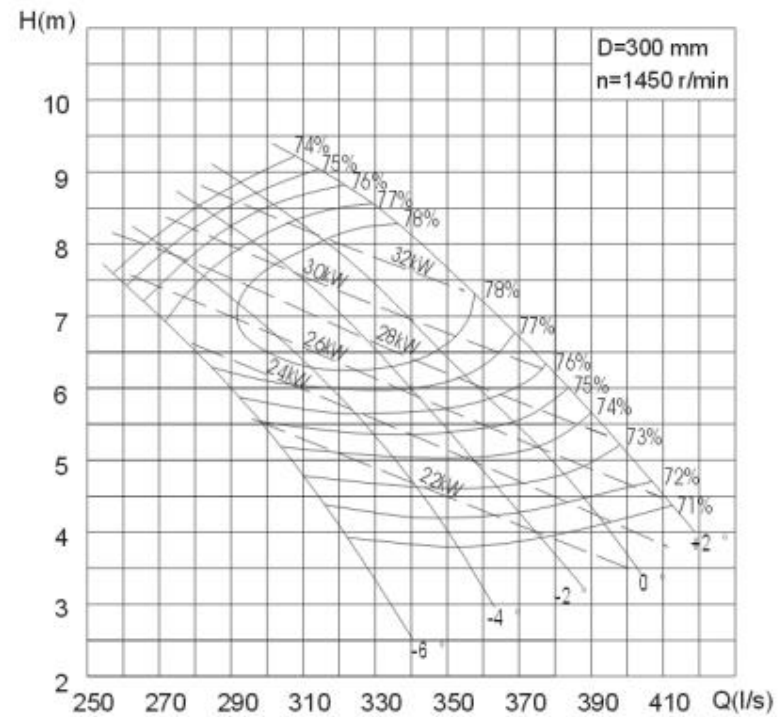
叶片安放角度 Vance Angle(β)	流量Q Capacity (l/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
+2°	320	2.61	980	10.9	15	75.1	300
	335	2.35		10.0		77.1	
	350	2.03		9.4		74.0	
0°	298	2.68		10.3	11	75.6	
	318	2.40		9.4		79.1	
	330	2.07		6.6		76.0	
-2°	275	2.52	9.1	11	73.5		
	300	2.34	8.7		78.0		
	314	2.00	8.2		73.5		

350ZLB-100 型轴流泵工作性能曲线  
Performance Curves for 350ZLB-100 Axial-flow Pump

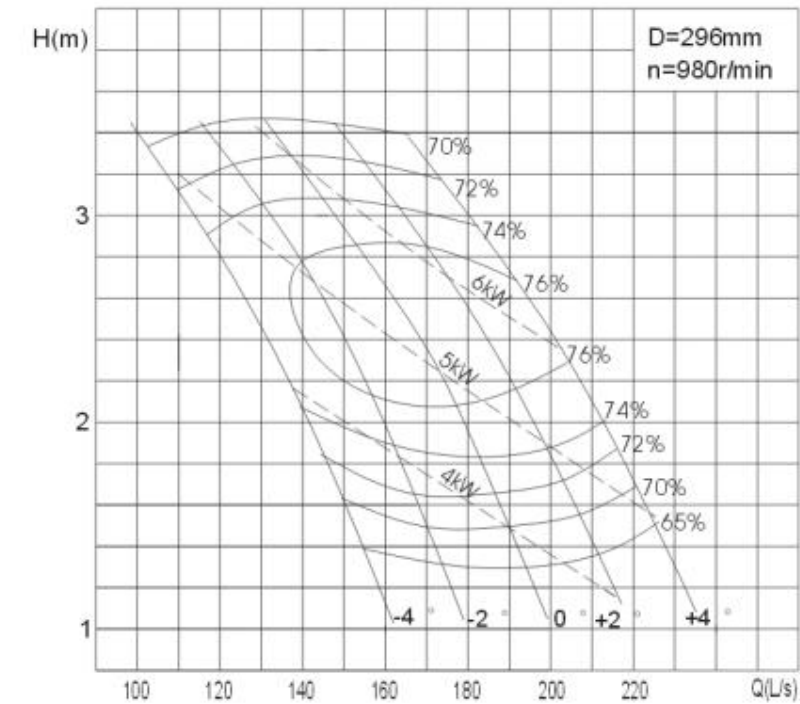


叶片安放角度 Vance Angle(β)	流量Q Capacity (l/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	325	6.40	1450	27.0	30	75.5	300
	375	4.45		20.2		80.7	
	400	3.40		17.4		76.5	
+2°	305	6.00		24.0	22	76.7	
	355	4.43		18.8		81.0	
	380	3.20		15.6		76.5	
0°	287	6.00		21.8	22	77.5	
	330	4.21		17.0		80.5	
	357	2.98		13.4		77.5	
-2°	265	5.83		19.5	22	77.5	
	300	4.20		15.4		80.2	
	330	2.90		12.1		77.5	
-4°	237	5.80	18.0	22	76.5		
	280	4.10	14.3		78.4		
	295	3.20	12.3		76.5		
-6°	225	5.40	15.6	22	76.5		
	250	4.03	12.5		79.1		
	270	3.20	11.1		76.0		

**350ZLB-70 型轴流泵工作性能曲线**  
Performance Curves for 350ZLB-70 Axial-flow Pump



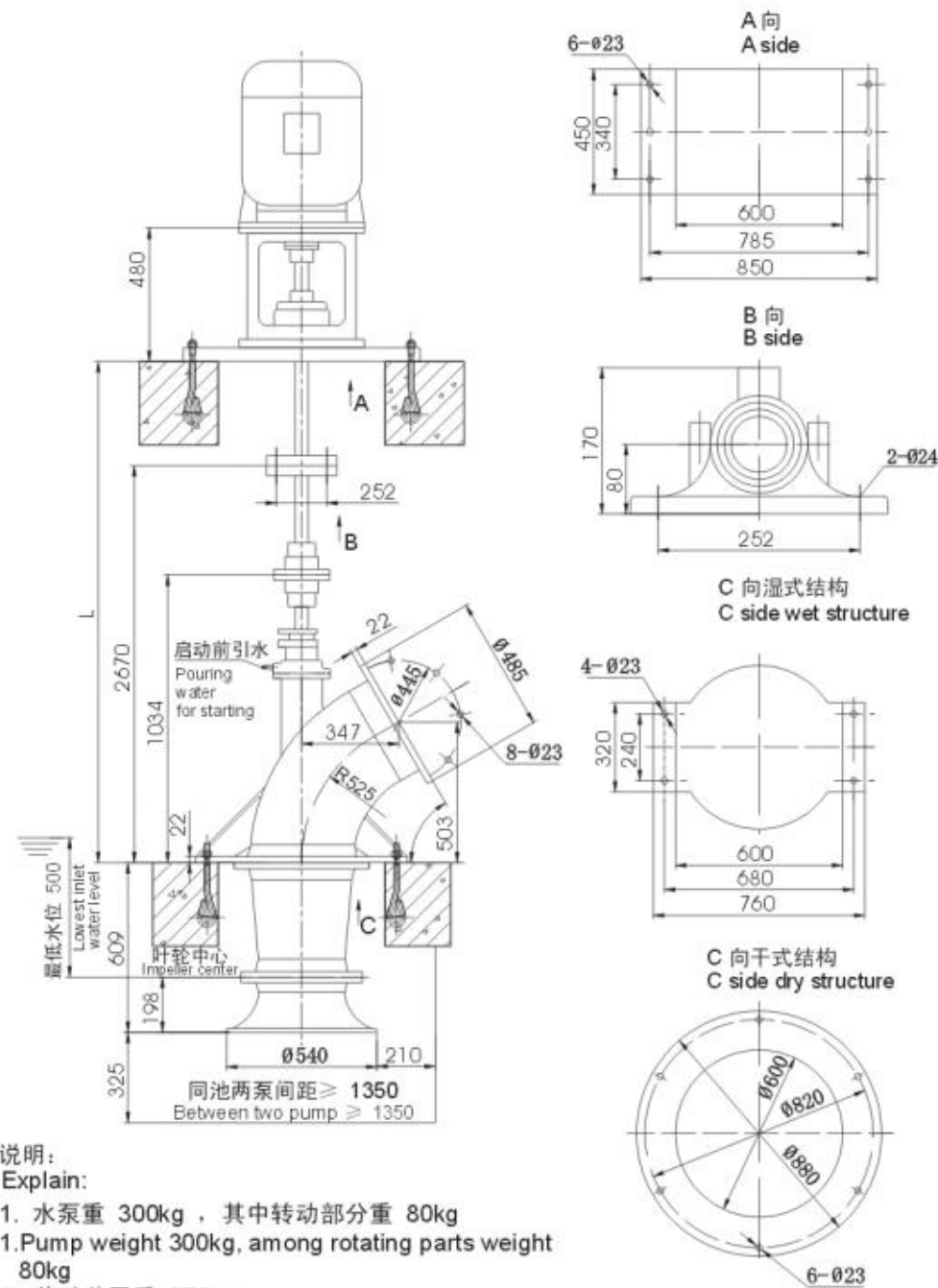
**14ZLB-70 型轴流泵工作性能曲线**  
Performance Curves for 14ZLB-70 Axial-flow Pump



叶片安放角度 Vance Angle(β)	流量Q Capacity (l/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 η Eff (%)	叶轮直径 Impeller Di. (mm)
+2°	340	8.20	1450	34.9	37	78.4	300
	354	7.45		33.1		78.1	
	393	5.50		28.6		74.2	
0°	320	7.95		31.6		78.8	
	336	7.22		29.9		79.5	
	375	5.20		25.5		75.0	
-2°	309	7.63		29.3	30	79.0	
	320	7.07		28.2		79.2	
	366	4.50		22.4		72.1	
-4°	280	7.60		27.3		78.0	
	301	6.79		25.5		78.5	
	335	4.80		21.4		73.8	
-6°	270	7.10	24.3	77.4			
	279	6.53	23.0	78.4			
	310	4.70	19.6	73.0			

叶片安放角度 Vance Angle(β)	流量Q Capacity (l/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	179	3.04	980	7.3	7.5	73	296
	201	2.4		6.2		76.6	
	218	1.78		5.4		70.8	
+2°	160	3.18		6.8		73.4	
	184	2.42		5.6		77.5	
	203	1.68		4.7		71.7	
0°	138	3.3		6.2	72.5		
	166	2.45		5.2	77.3		
	188	1.62		4.2	71.2		
-2°	118	3.4		5.7	70.6		
	147	2.5		4.7	76.6		
	168	1.6		3.8	70.2		
-4°	105	3.32	4.9	70.2			
	129	2.54	4.3	75.4			
	150	1.67	3.5	70			

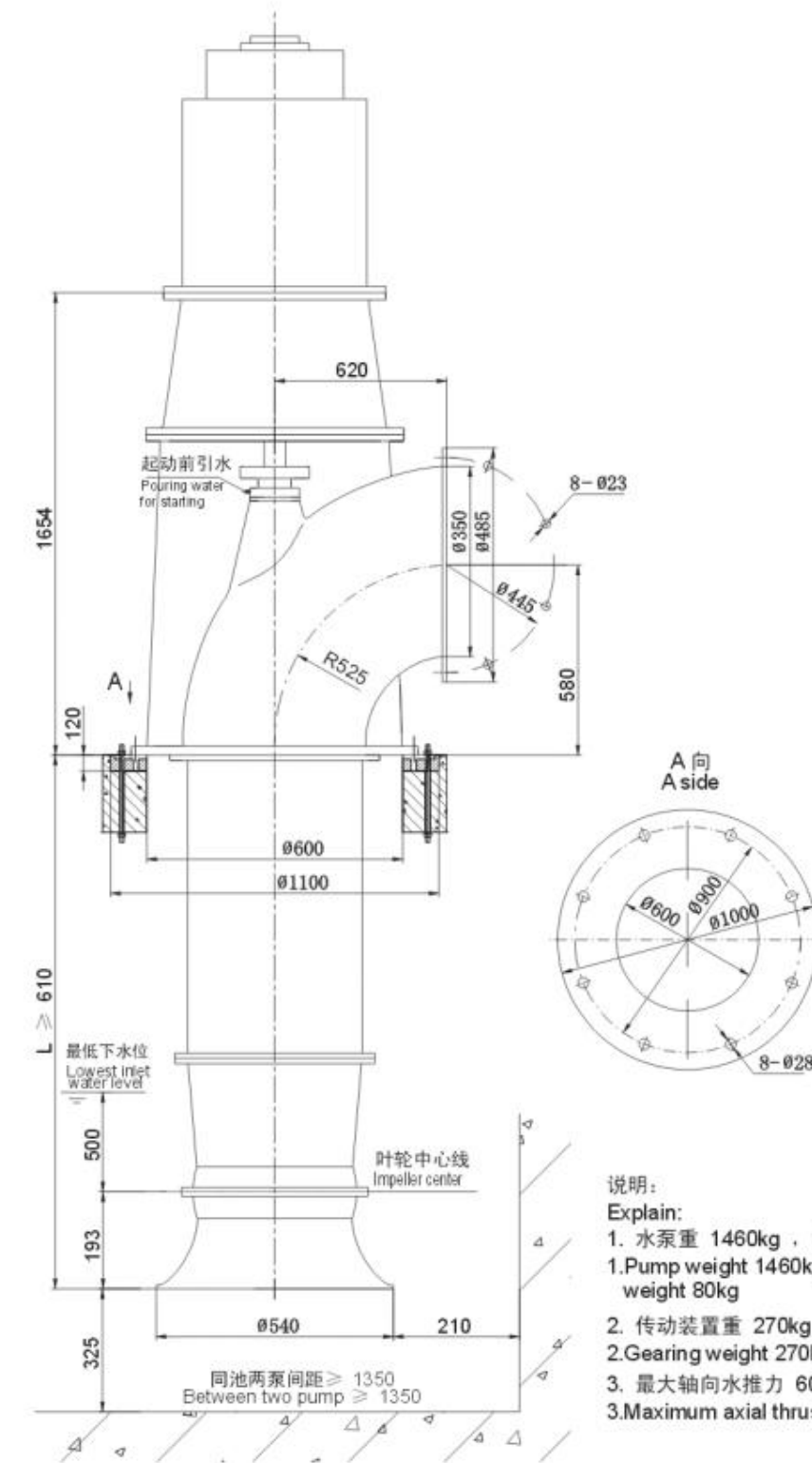




说明:  
Explain:

1. 水泵重 300kg, 其中转动部分重 80kg  
1.Pump weight 300kg, among rotating parts weight 80kg
2. 传动装置重 270kg  
2.Gearing weight 270kg
3. 最大轴向水推力 600kg  
3.Maximum axial thrust of 600kg
- 4.L=1200 ~ 4500mm, 当 L ≥ 2500mm 时, 应加中间传动  
4.L=1200 ~ 4500mm, when L ≥ 2500mm to add intermediate transmission

350ZLB-70、14ZLB-70、350ZLB-100、14ZLB-100D 型轴流泵立式电机直接传动安装图  
Erection View for 350ZLB-70、14ZLB-70、350ZLB-100、14ZLB-100D Pump of Direct Coupling Type

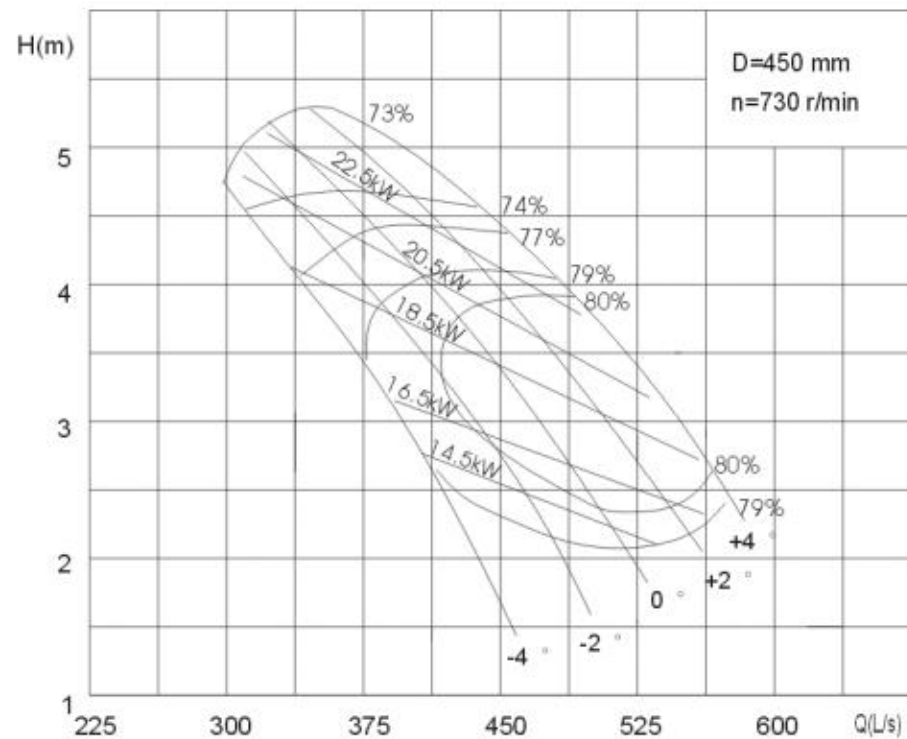


说明:  
Explain:

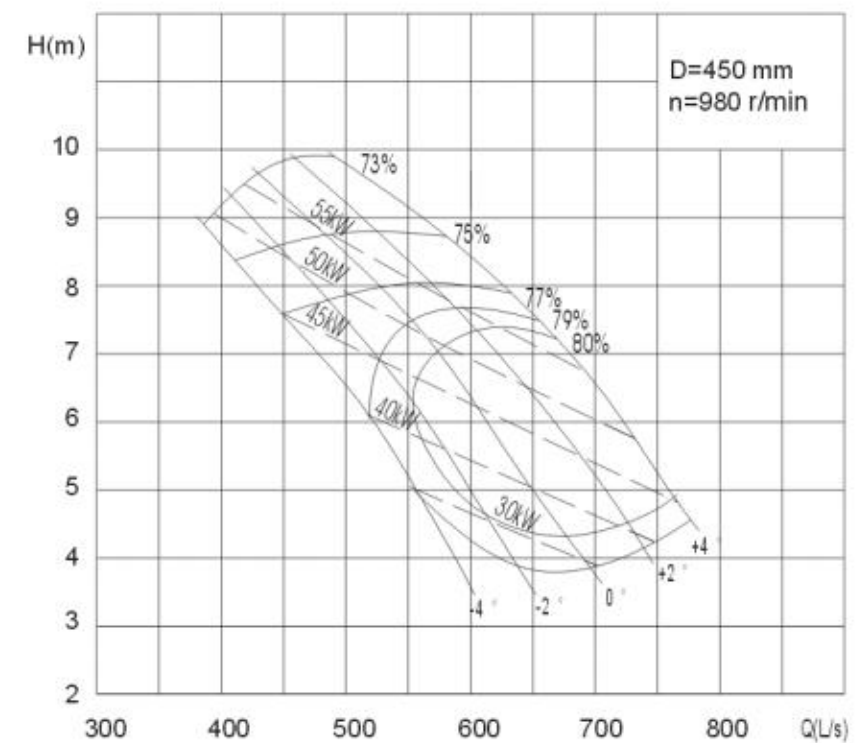
1. 水泵重 1460kg, 其中转动部分重 80kg  
1.Pump weight 1460kg, among rotating parts weight 80kg
2. 传动装置重 270kg  
2.Gearing weight 270kg
3. 最大轴向水推力 600kg  
3.Maximum axial thrust of 600kg

350ZLB-70DP 型轴流泵外形安装图  
Erection View for 350ZLB-70DP Pump of Direct Coupling Type

20ZLB-70 型轴流泵工作性能曲线  
Performance Curves for 20ZLB-70 Axial-flow Pump



20ZLB-70 型轴流泵工作性能曲线  
Performance Curves for 20ZLB-70 Axial-flow Pump

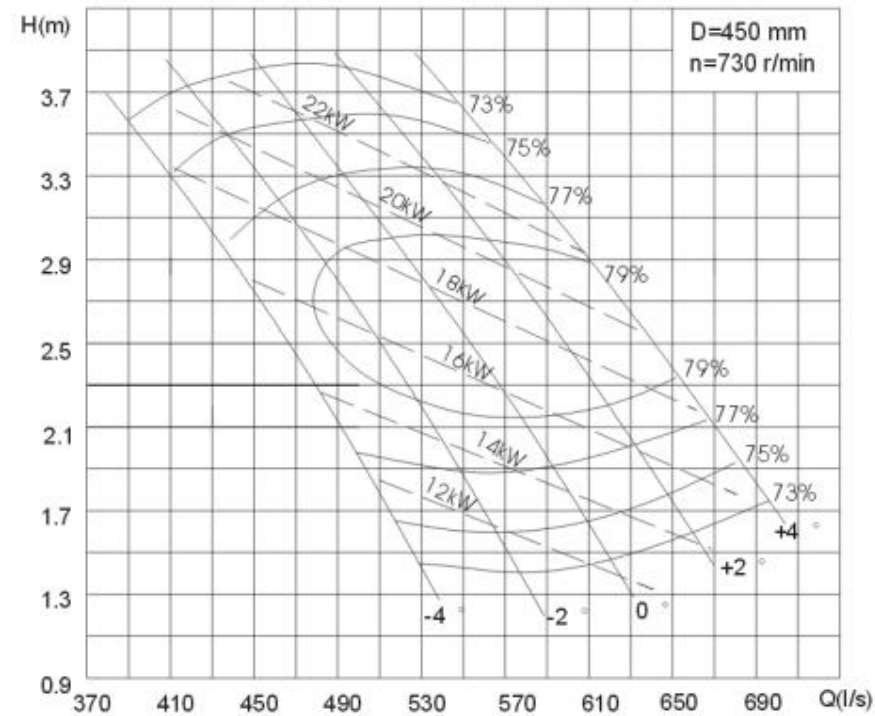


叶片安放角度 Vance Angle( $\beta$ )	流量Q Capacity (l/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 $\eta$ Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	454	4.44	730	26.21	30	75.4	450
	545	3.02		19.96		80.8	
	582	2.35		17.64		76.0	
+2°	475	3.68		21.31		80.4	
	530	2.74		17.66		80.6	
	552	2.33		16.00		78.8	
0°	410	4.08		21.07		77.8	
	447	3.48		19.04		80.1	
	520	2.06		13.89		75.6	
-2°	326	4.84		21.30		72.6	
	416	3.38		17.22		80.0	
	465	2.38		13.76		78.8	
-4°	282	5.12	20.76	68.2			
	364	3.70	16.84	78.4			
	426	2.40	12.94	77.2			

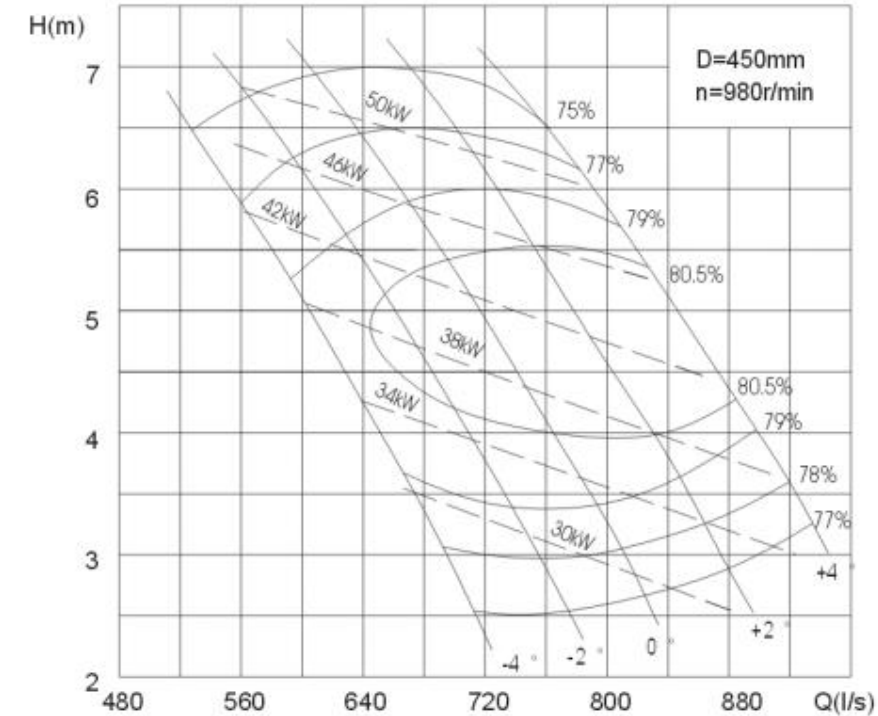
叶片安放角度 Vance Angle( $\beta$ )	流量Q Capacity (l/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 $\eta$ Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	698	6.30	980	49.85	55	80.8	450
	750	5.23		47.16		81.5	
	794	4.10		41.98		76.0	
	+2°	650		6.52		50.98	
711		5.21		44.29		82.0	
730		4.48		40.43		80.5	
0°	583	6.82		48.79		79.9	
	600	6.43		46.58		81.2	
	696	4.12		36.51		77.0	
-2°	479	8.08		50.93		74.5	
	559	6.30		43.16		80.0	
	625	4.68		36.53		78.5	
-4°	380	8.90	49.82	70.0			
	489	6.83	41.14	79.6			
	571	4.45	31.73	78.5			



20ZLB-100 型轴流泵工作性能曲线  
Performance Curves for 20ZLB-100 Axial-flow Pump



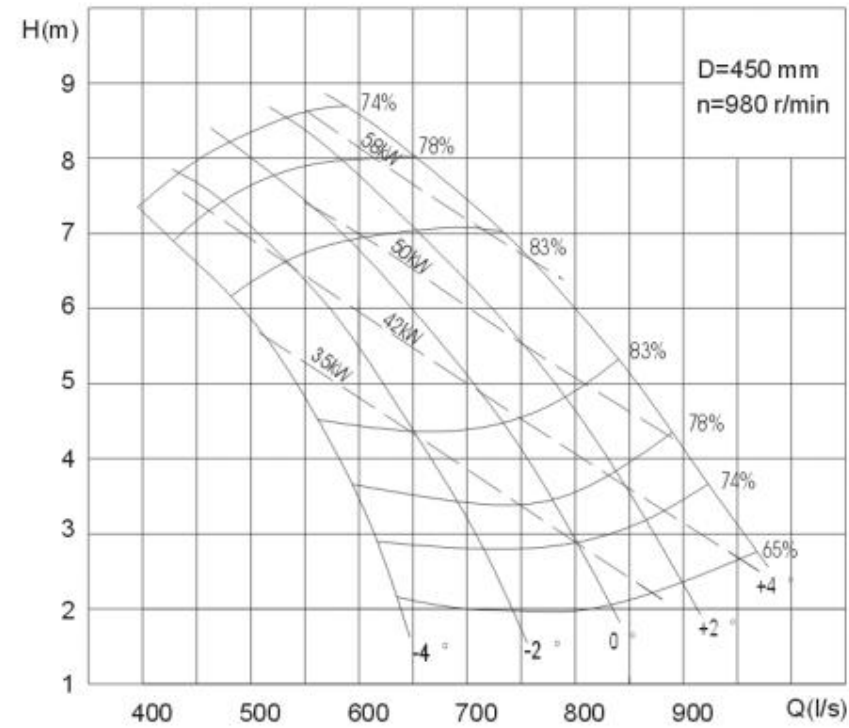
20ZLB-100 型轴流泵工作性能曲线  
Performance Curves for 20ZLB-100 Axial-flow Pump



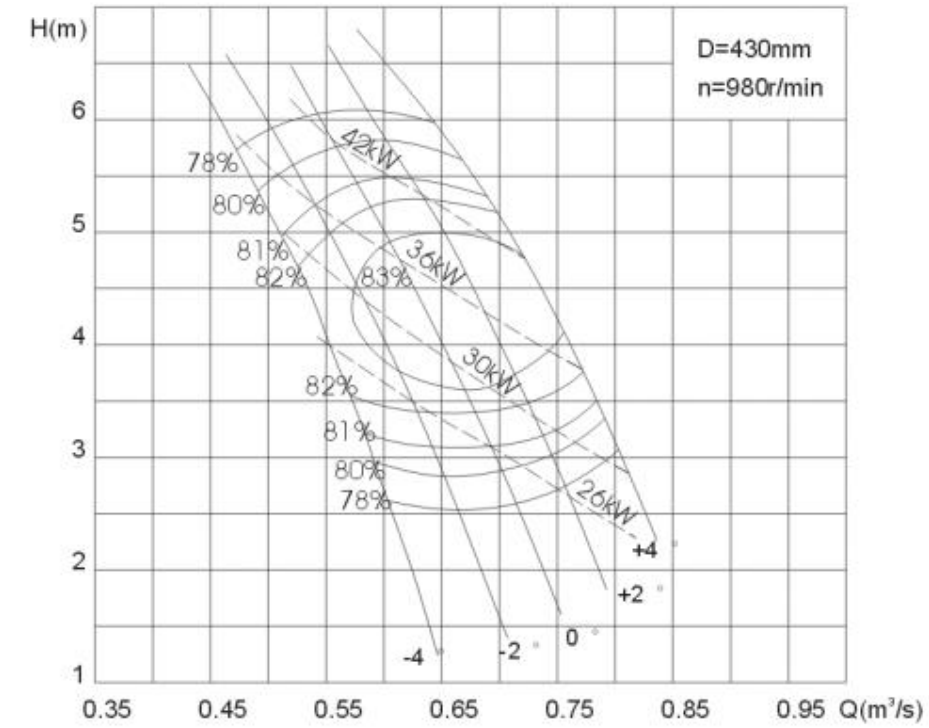
叶片安放角度 Vance Angle(β)	流量Q Capacity (l/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	619	2.80	730	21.4	22	79.4	450
	632	2.63		20.5		79.6	
	670	2.10		17.9		77.1	
+2°	550	3.13		21.5		78.6	
	592	2.58		18.7		79.9	
	630	2.04		16.2		78.0	
0°	490	3.40		21.3		76.9	
	550	2.55		17.2		79.7	
	590	1.95		14.5		77.8	
-2°	430	3.63		20.6		74.5	
	506	2.56		16.0		79.4	
	545	1.94		13.3		77.8	
-4°	400	3.48	18.4	74.5			
	470	2.45	14.3	78.7			
	500	1.94	12.3	77.2			

叶片安放角度 Vance Angle(β)	流量Q Capacity (l/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	838	5.23	980	51.7	55	81.3	450
	850	4.72		48.2		81.6	
	910	3.58		41.2		78.0	
+2°	730	5.81		51.9		80.1	
	797	4.60		43.9		82.0	
	855	3.48		37.0		78.9	
0°	640	6.42		51.9		77.6	
	735	4.65		41.1		81.6	
	795	3.43		33.7		79.5	
-2°	575	6.57		48.5		76.4	
	680	4.61		37.8		81.4	
	735	3.40		30.9		79.0	
-4°	535	6.32	43.5	76.2			
	630	4.44	33.9	80.8			
	675	3.41	28.6	79.0			

500ZLB-85 型轴流泵工作性能曲线  
Performance Curves for 500ZLB-85 Axial-flow Pump



500ZLB-4 型轴流泵工作性能曲线  
Performance Curves for 500ZLB-4 Axial-flow Pump

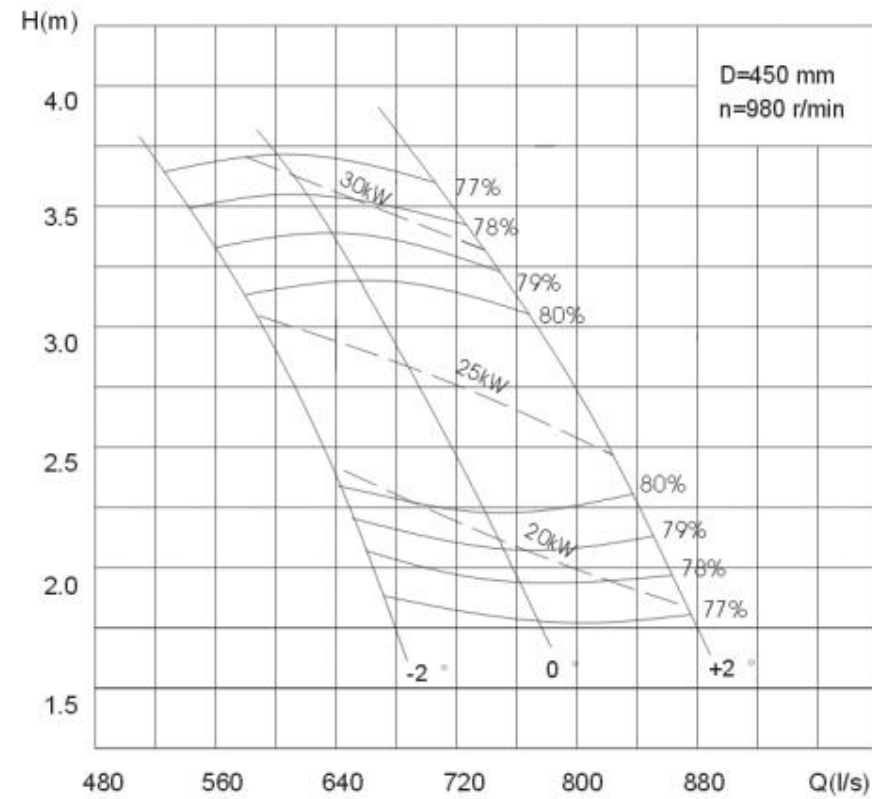


叶片安放角度 Vance Angle(β)	流量Q Capacity (l/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 η Eff (%)	叶轮直径 Impeller Di. (mm)	
+4°	577	8.73	980	66.7	75	74	450	
	814	5.81		54.5		85		
	926	3.60		44.1		74		
+2°	529	8.48		59.4		55		74
	762	5.44		47.8				85
	866	3.13		35.9				74
0°	481	8.17		52.0	75	74		
	698	5.24		42.2		85		
	805	2.87		30.6		74		
-2°	437	7.80		45.1		55		74
	611	5.34		37.6				85
	716	2.77		26.2				74
-4°	399	7.35	38.8	75	74			
	565	4.36	29.1		83			
	618	2.87	23.5		74			

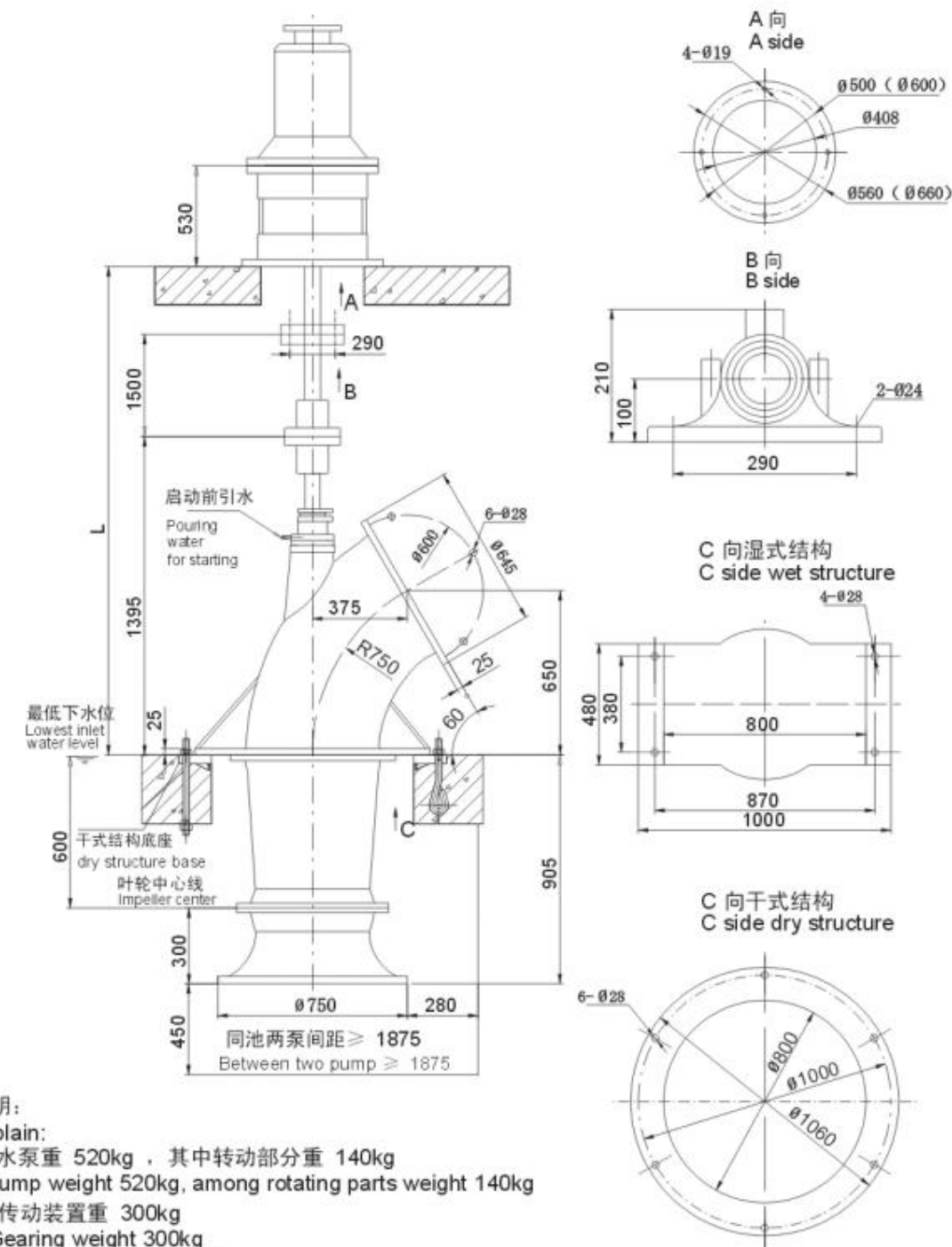
叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 η Eff (%)	叶轮直径 Impeller Di. (mm)	
+4°	0.65	5.85	980	48.04	55	78	430	
	0.75	4.05		36.08		83		
	0.80	3.10		31.28		78		
+2°	0.59	6.10		45.51		45		78
	0.72	3.70		31.50				83
	0.76	2.80		26.85				78
0°	0.57	5.70		39.78	75	80		
	0.66	3.95		30.60		83.4		
	0.71	2.60		23.42		78		
-2°	0.53	5.50		35.67		37		80
	0.61	3.75		27.22				83
	0.65	2.85		22.77				80
-4°	0.47	5.73	34.11	75	78			
	0.57	3.62	24.58		82			
	0.61	2.60	19.93		78			



500ZLB-160 型轴流泵工作性能曲线  
Performance Curves for 500ZLB-160 Axial-flow Pump



叶片安放角度 Vance Angle(β)	流量Q Capacity (l/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 η Eff (%)	叶轮直径 Impeller Di. (mm)	
+2°	851	2.14	980	22.2	37	80.5	450	
	805	2.75		26.6		81.5		
	745	3.35		30.8		79.5		
0°	753	2.06		18.9	37	80.5		450
	692	2.75		22.9	81.5			
	628	3.50		27.1	79.5			
-2°	658	2.20		17.6	30	80.5		450
	610	2.75		20.2		81.5		
	542	3.45		23.1		79.5		

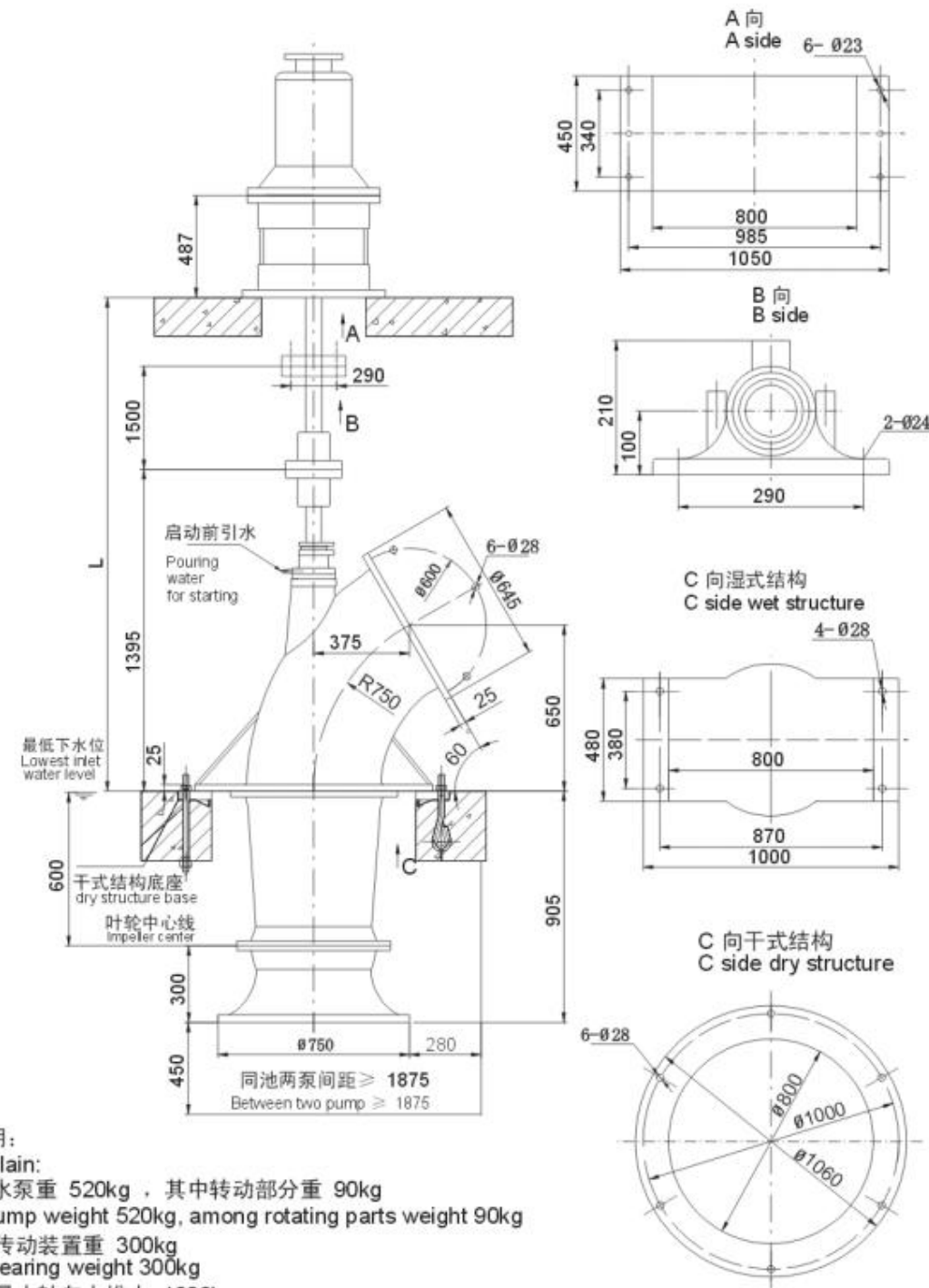


说明:

Explain:

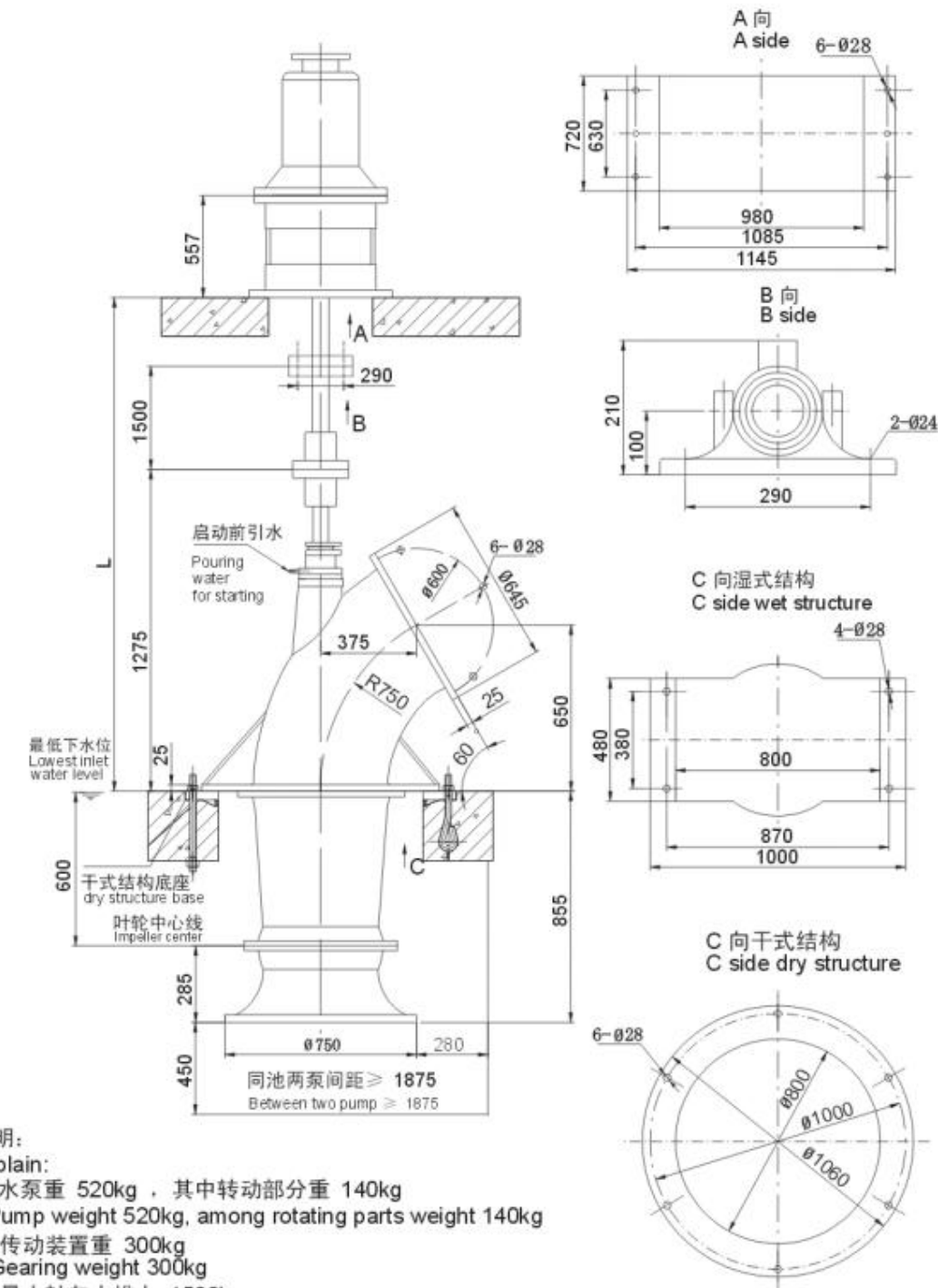
- 水泵重 520kg，其中转动部分重 140kg  
1.Pump weight 520kg, among rotating parts weight 140kg
- 传动装置重 300kg  
2.Gearing weight 300kg
- 最大轴向水推力 1700kg  
3.Maximum axial thrust of 1700kg
- L=2000 ~ 5500mm，当 L ≥ 3500mm 时，应加中间传动  
4.L=2000 ~ 5500mm，when L ≥ 3500mm to add intermediate transmission

20ZLB-70、20ZLB-100、500ZLB-85 型轴流泵立式电机直接传动安装图  
Erection View for 20ZLB-70、20ZLB-100、500ZLB-85 Pump of Direct Coupling Type



说明:  
Explain:

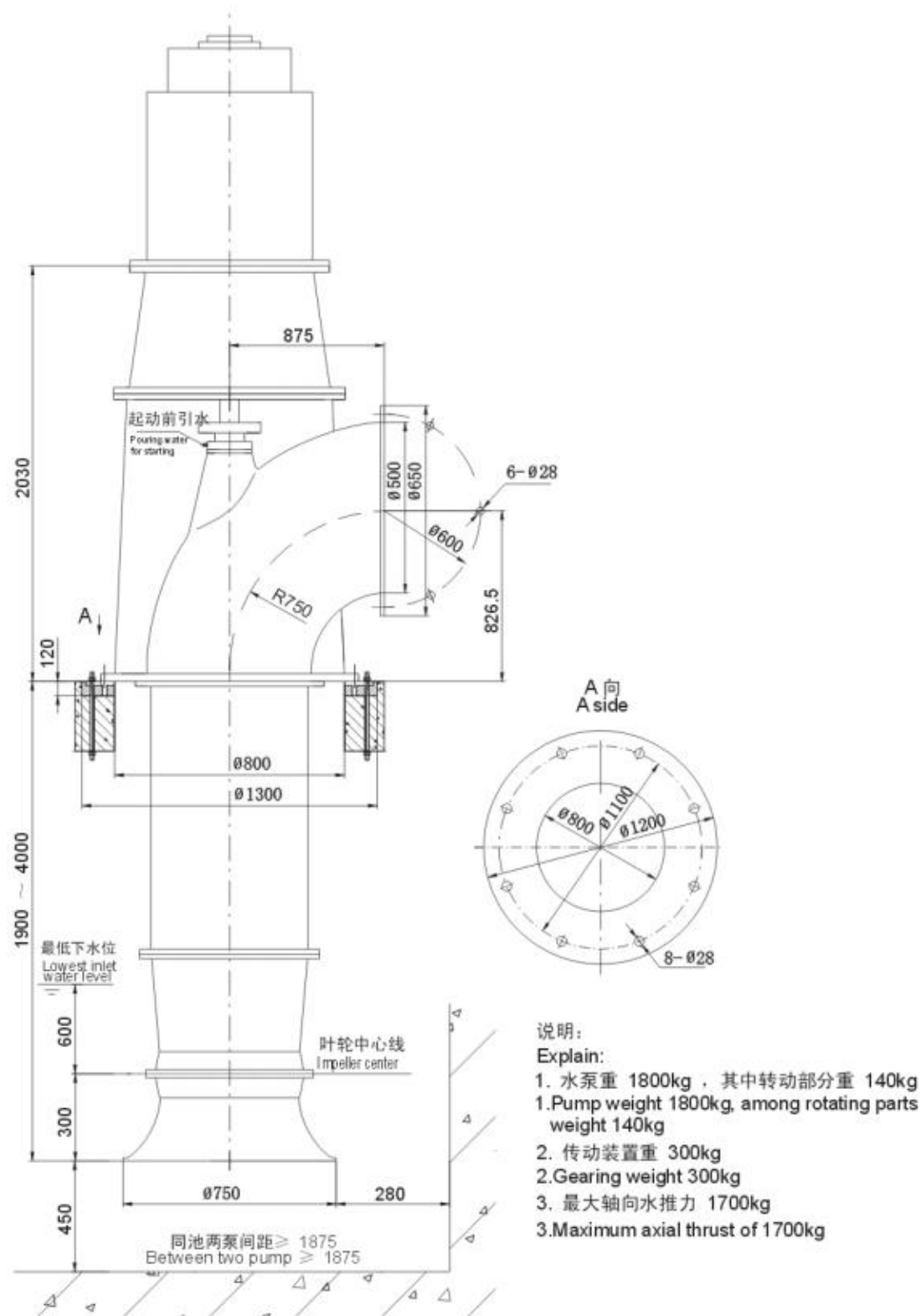
1. 水泵重 520kg, 其中转动部分重 90kg  
1.Pump weight 520kg, among rotating parts weight 90kg
2. 传动装置重 300kg  
2.Gearing weight 300kg
3. 最大轴向水推力 1600kg  
3.Maximum axial thrust of 1600kg
4. L=2000 ~ 5500mm, 当 L  $\geq$  3500mm 时, 应加中间传动  
4.L=2000 ~ 5500mm, when L  $\geq$  3500mm to add intermediate transmission



说明:  
Explain:

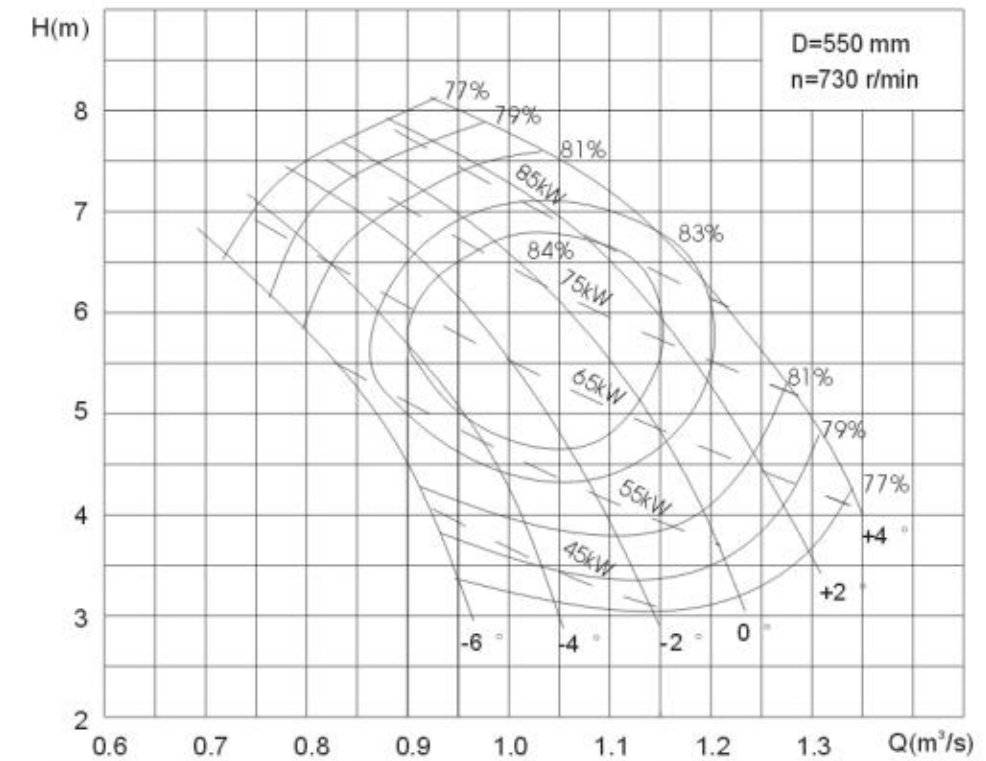
1. 水泵重 520kg, 其中转动部分重 140kg  
1.Pump weight 520kg, among rotating parts weight 140kg
2. 传动装置重 300kg  
2.Gearing weight 300kg
3. 最大轴向水推力 1500kg  
3.Maximum axial thrust of 1500kg
4. L=2000 ~ 5500mm, 当 L  $\geq$  3500mm 时, 应加中间传动  
4.L=2000 ~ 5500mm, when L  $\geq$  3500mm to add intermediate transmission





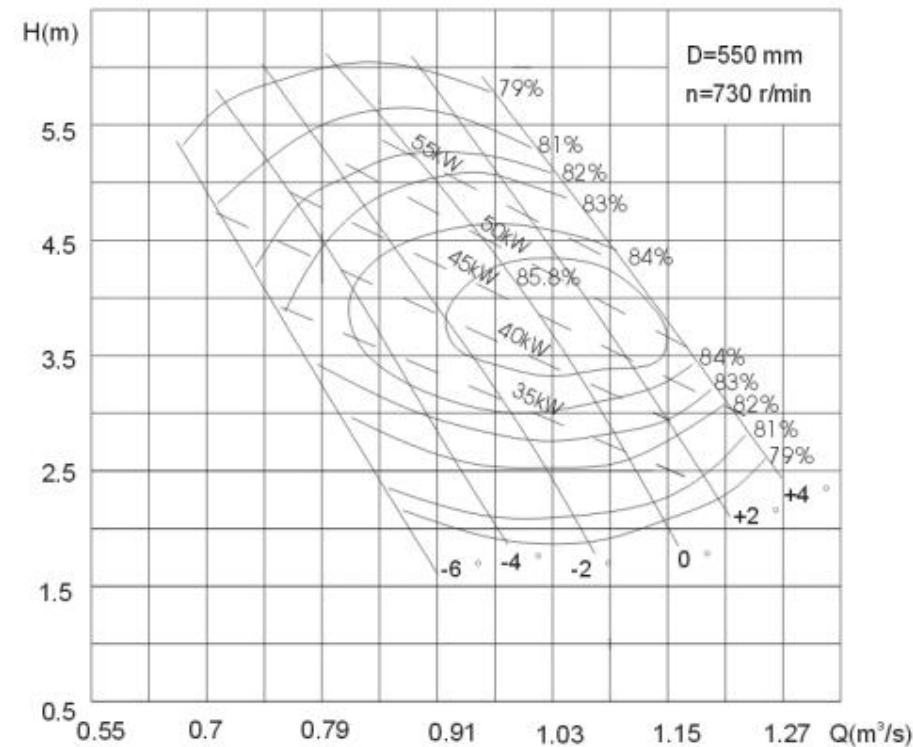
**500ZLB-70DP 型轴流泵外形安装图**  
**Erection View for 500ZLB-70DP Pump of Direct Coupling Type**

**600ZLB-70 型轴流泵工作性能曲线**  
**Performance Curves for 600ZLB-70 Axial-flow Pump**

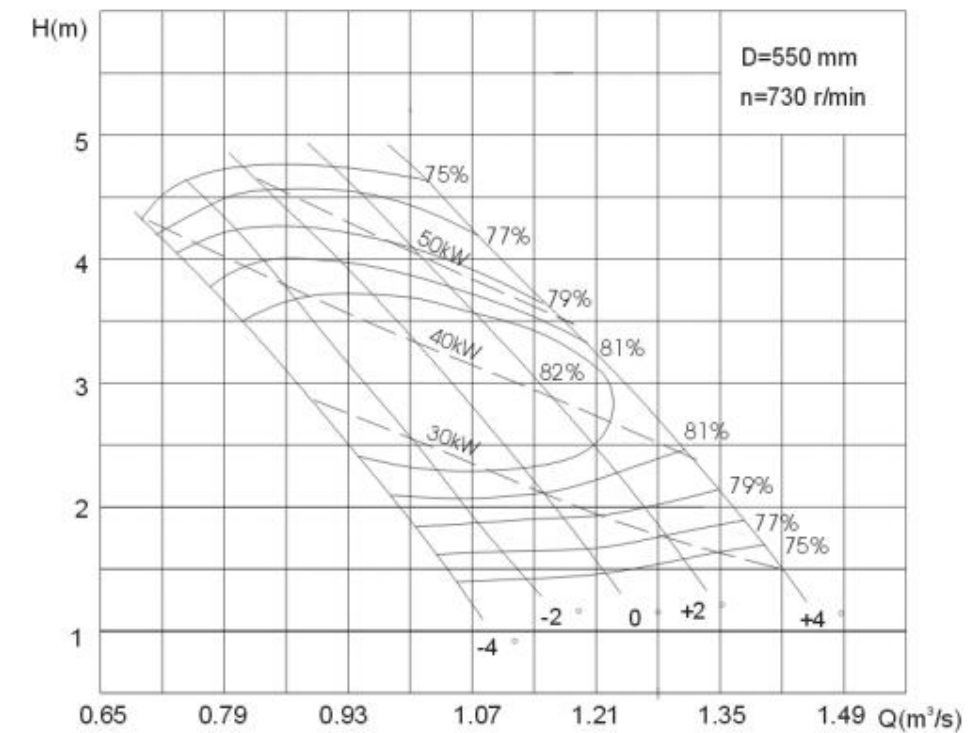


叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	1.00	7.88	730	98.6	110	78.7	550
	1.13	6.90		92.8		82.3	
	1.31	4.66		75.4		78.7	
+2°	0.94	7.84		91.8		78.7	
	1.07	6.71		84.1		84.1	
	1.27	4.09		64.5		78.7	
0°	0.85	7.52		82.2	78.7		
	1.02	6.39		75.1	84.9		
	1.20	3.66		54.7	78.7		
-2°	0.82	7.24		74.4	78.7		
	0.93	6.39		68.7	84.9		
	1.11	3.75		50.6	80.5		
-4°	0.78	6.85	66.9	78.7			
	0.93	5.28	57.1	84.1			
	1.03	3.41	43.9	78.7			
-6°	0.72	6.66	60.8	77.0			
	0.82	5.54	54.0	82.3			
	0.94	3.37	40.4	77.0			

600ZLB-100 型轴流泵工作性能曲线  
Performance Curves for 600ZLB-100 Axial-flow Pump



600ZLB-125 型轴流泵工作性能曲线  
Performance Curves for 600ZLB-125 Axial-flow Pump

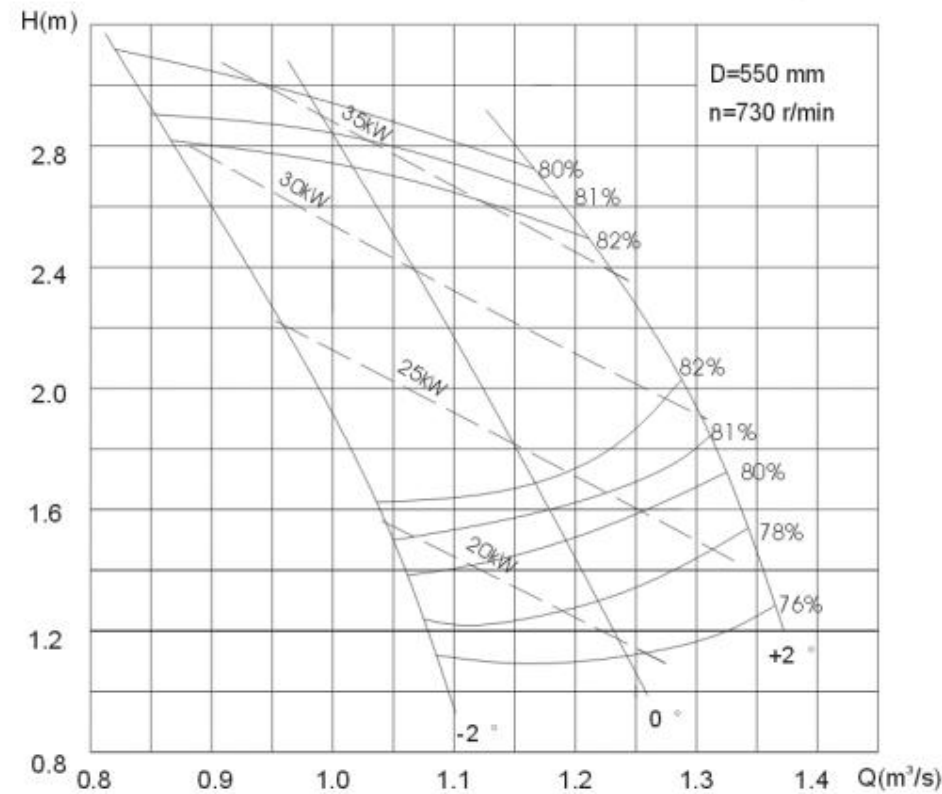


叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	1.00	5.39	730	65.9	75	80.5	550
	1.13	4.18		53.9		85.8	
	1.23	2.76		41.5		80.5	
+2°	0.90	5.71		63.0		80.5	
	1.03	4.41		51.9		85.5	
	1.19	2.47		35.9		80.5	
0°	0.83	5.69		57.8	80.5		
	0.96	4.34		47.6	85.8		
	1.12	2.27		31.1	80.5		
-2°	0.76	5.58		52.0	80.5		
	0.90	4.12		42.4	85.8		
	1.04	2.16		27.5	80.5		
-4°	0.71	5.37	46.9	80.5			
	0.82	4.34	41.5	84.9			
	0.96	2.20	25.8	80.5			
-6°	0.63	5.30	41.8	78.7			
	0.70	4.56	38.1	82.3			
	0.87	2.11	23.0	78.7			

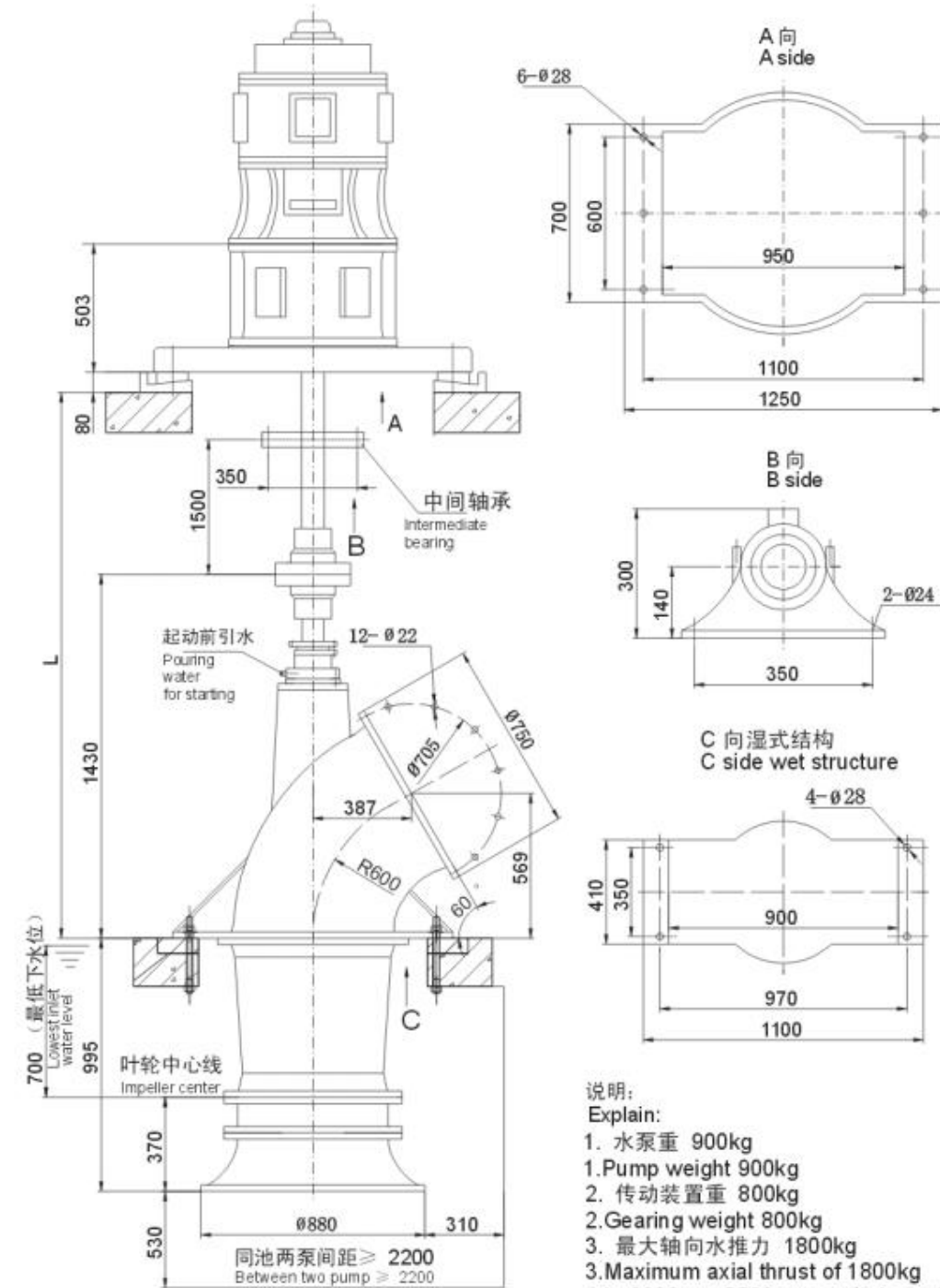
叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	1.06	4.33	730	59.3	75	75.8	550
	1.21	3.26		47.4		81.9	
	1.39	1.81		32.6		75.7	
+2°	0.93	4.62		55.6		76.0	
	1.11	3.25		42.4		83.9	
	1.31	1.62		28.1		74.1	
0°	0.83	4.66		49.8	76.2		
	1.04	3.02		36.8	84.1		
	1.21	1.64		25.7	75.8		
-2°	0.74	4.56		43.8	75.6		
	0.93	3.20		34.8	84.1		
	1.11	1.34		19.1	76.5		
-4°	0.73	4.11	37.5	78.6			
	0.89	2.91	30.3	83.8			
	1.03	1.60	21.3	76.3			



600ZLB-160 型轴流泵工作性能曲线  
Performance Curves for 600ZLB-160 Axial-flow Pump

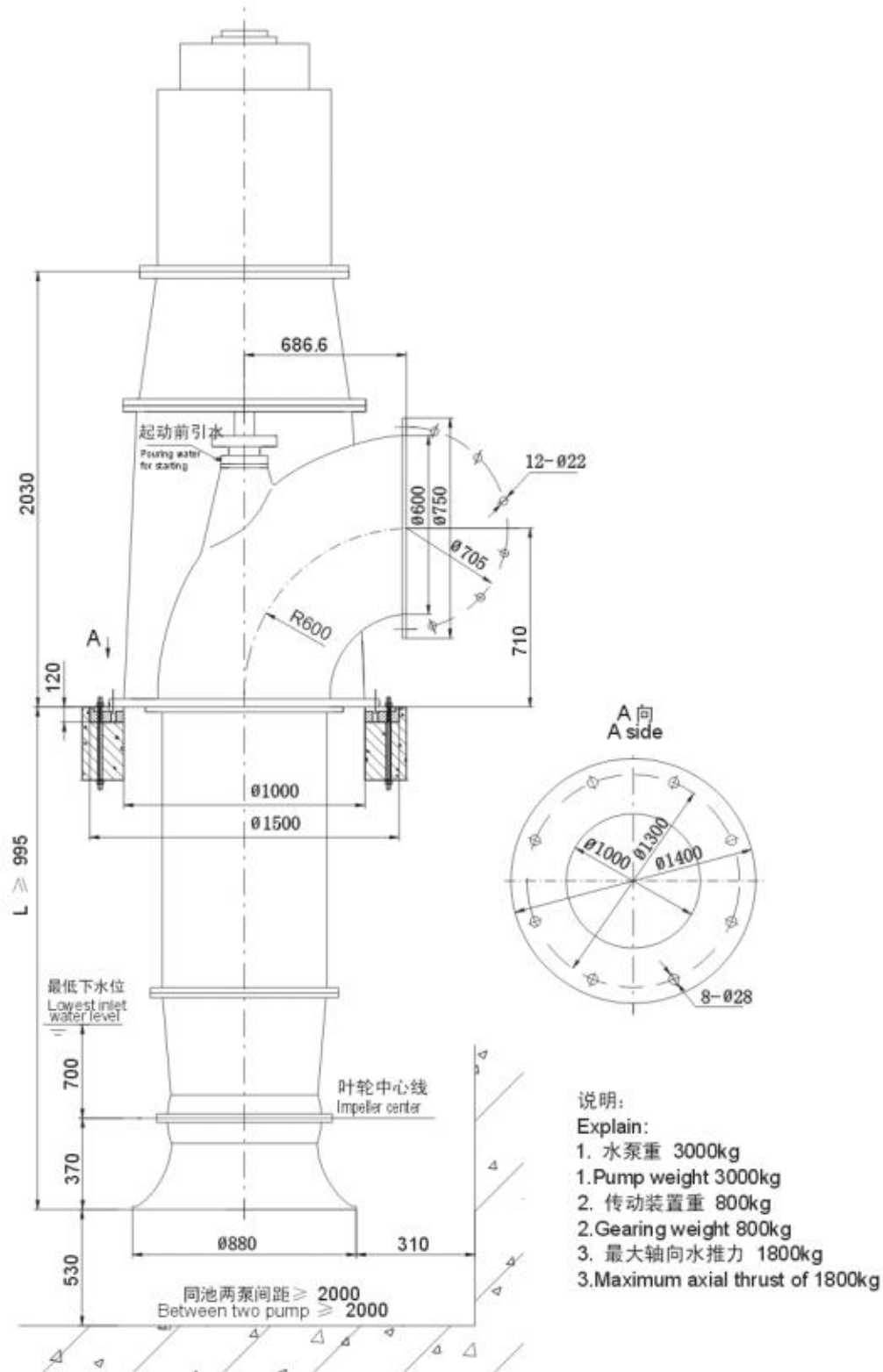


叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
+2°	1.15	2.81	730	39.9	55	79.6	550
	1.24	2.30		34.2		82.3	
	1.33	1.62		26.9		78.7	
0°	0.97	2.97		35.7		79.6	
	1.11	2.13		27.9		83.6	
	1.20	1.51		22.4		79.6	
-2°	0.82	3.07		31.3		79.6	
	0.96	2.12		23.7		84.5	
	1.07	1.35		18.0		78.7	



说明:  
Explain:  
1. 水泵重 900kg  
1. Pump weight 900kg  
2. 传动装置重 800kg  
2. Gearing weight 800kg  
3. 最大轴向水推力 1800kg  
3. Maximum axial thrust of 1800kg  
4. L=2200 ~ 5500mm, 当 L ≥ 3500mm 时, 应加中间传动  
4. L=2200 ~ 5500mm, when L ≥ 3500mm to add intermediate Transmission

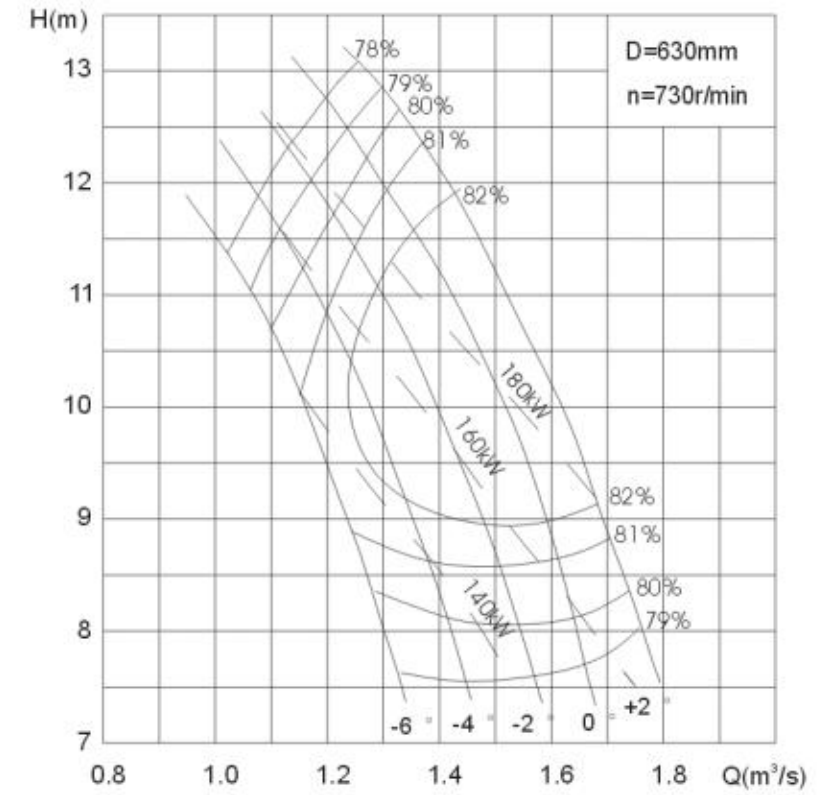
600ZLB-70、600ZLB-100、600ZLB-125、600ZLB-160 型轴流泵立式电机直接传动安装图  
Erection View for 600ZLB-70、600ZLB-100、600ZLB-125、600ZLB-160 Pump of Direct Coupling Type



600ZLB-70DP 型轴流泵外形安装图

Erection View for 600ZLB-70DP Pump of Direct Coupling Type

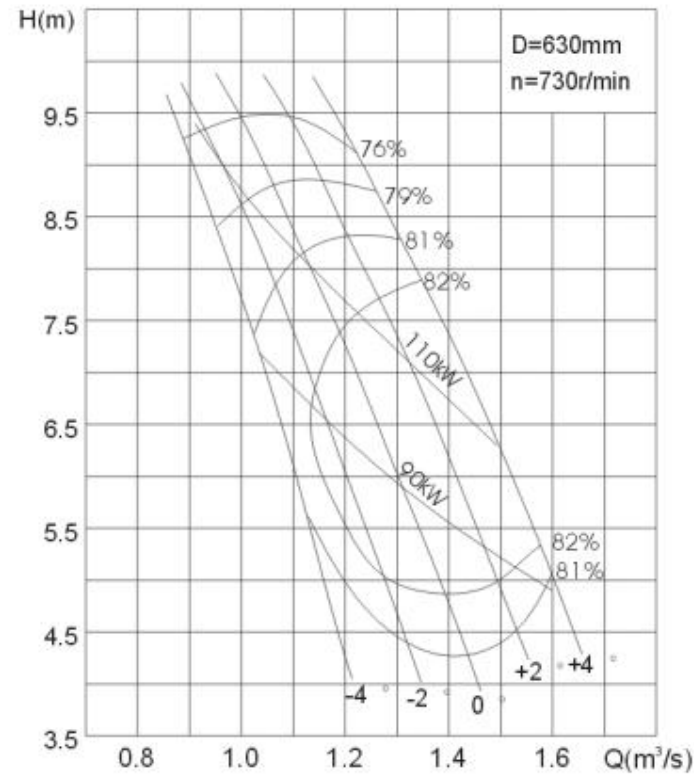
700ZLB-50 型轴流泵工作性能曲线  
 Performance Curves for 700ZLB-50 Axial-flow Pump



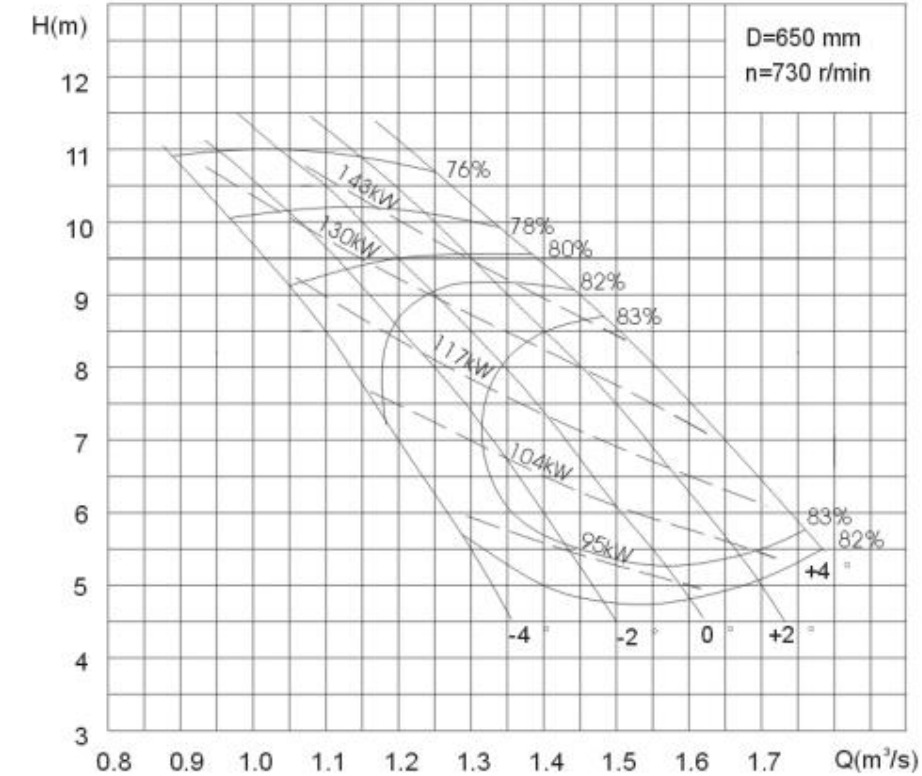
叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)	
+2°	1.50	11.32	730	201	210	83.0	630	
	1.60	10.25		194		83.0		
	1.80	7.30		168		77.0		
0°	1.40	11.20		185		180		83.0
	1.50	10.10		179				83.0
	1.70	7.10		155				77.0
-2°	1.39	10.00		164	155	83.0		
	1.52	8.30		152		80.5		
	1.55	7.70		150		78.0		
-4°	1.25	10.30		153		155		82.0
	1.34	9.20		147				82.0
	1.41	8.16		141				80.0
-6°	1.06	11.00	145	155	79.0			
	1.20	9.50	138		81.0			
	1.29	8.00	126		80.0			



700ZLB-70 型轴流泵工作性能曲线  
Performance Curves for 700ZLB-70 Axial-flow Pump



700ZLB-70B 型轴流泵工作性能曲线  
Performance Curves for 700ZLB-70B Axial-flow Pump



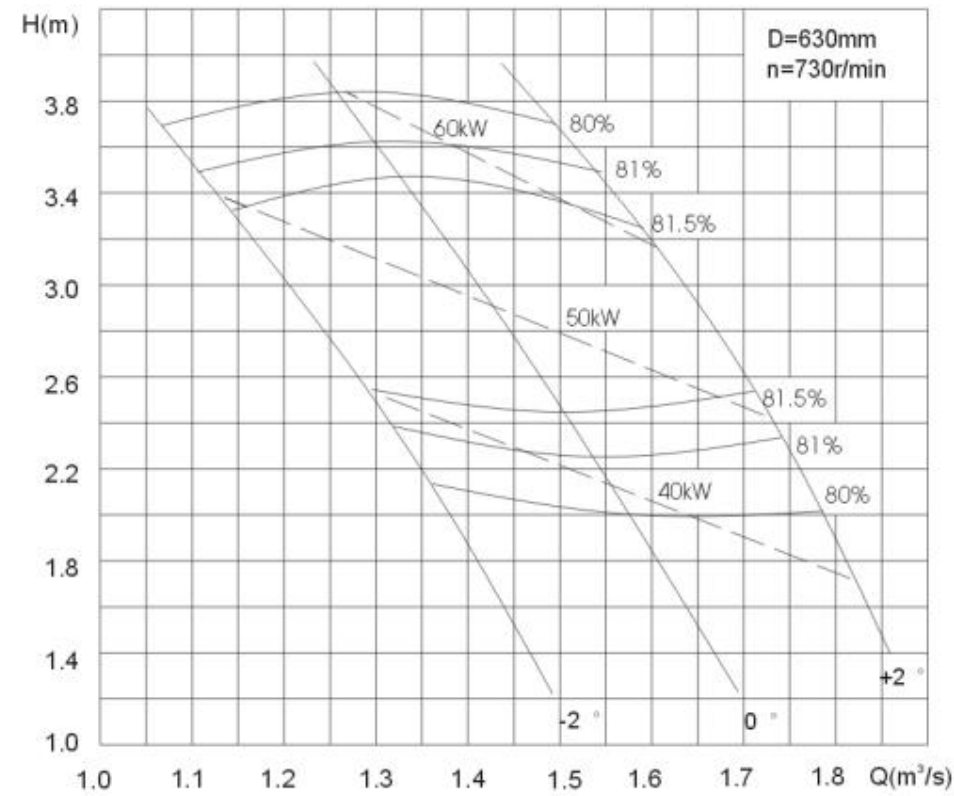
叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	1.35	7.83	730	129.5	130	82.0	630
	1.47	6.50		113.3		82.5	
	1.58	5.10		97.5		81.0	
+2°	1.18	8.50		122.0		80.8	
	1.38	6.48		106.3		82.5	
	1.52	4.50		82.7		81.0	
0°	1.06	8.87		116.7		79.0	
	1.25	6.67		99.9		82.6	
	1.44	4.12		72.3		80.5	
-2°	0.96	8.95		108.3		78.4	
	1.17	6.45		90.2		82.0	
	1.34	4.00		65.1		80.8	
-4°	0.88	9.00	101.0	77.6			
	1.06	6.63	84.5	81.5			
	1.20	4.25	62.9	79.8			

叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	1.77	5.5	730	116.3	155	82.0	650
	1.73	6.0		122.5		83.0	
+2°	1.69	5.0		103.7		81.5	
	1.55	6.8		124.2		83.5	
	1.36	9.0		146.1		82.0	
0°	1.25	9.0		134.4		82.0	
	1.42	7.0		116.2		83.0	
	1.57	5.0		93.8		82.0	
-2°	1.15	9.0		124.8		81.3	
	1.32	7.0		109.2		83.0	
	1.46	5.0		88.3		81.0	
-4°	0.97	10.0		122.0		78.0	
	1.12	8.0	109.1	81.0			
	1.26	6.0	95.0	78.0			

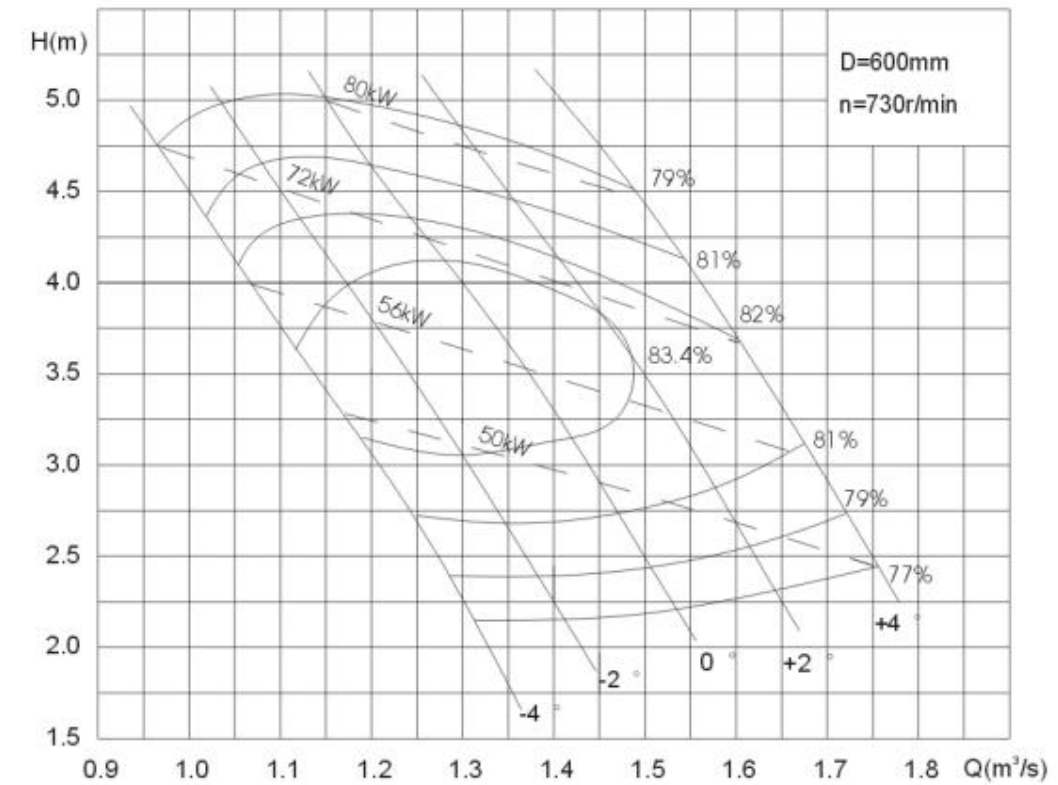


# ZLB(Q)系列轴流泵

700ZLB-160 型轴流泵工作性能曲线  
Performance Curves for 700ZLB-160 Axial-flow Pump



700ZLB-125 型轴流泵工作性能曲线  
Performance Curves for 700ZLB-125 Axial-flow Pump

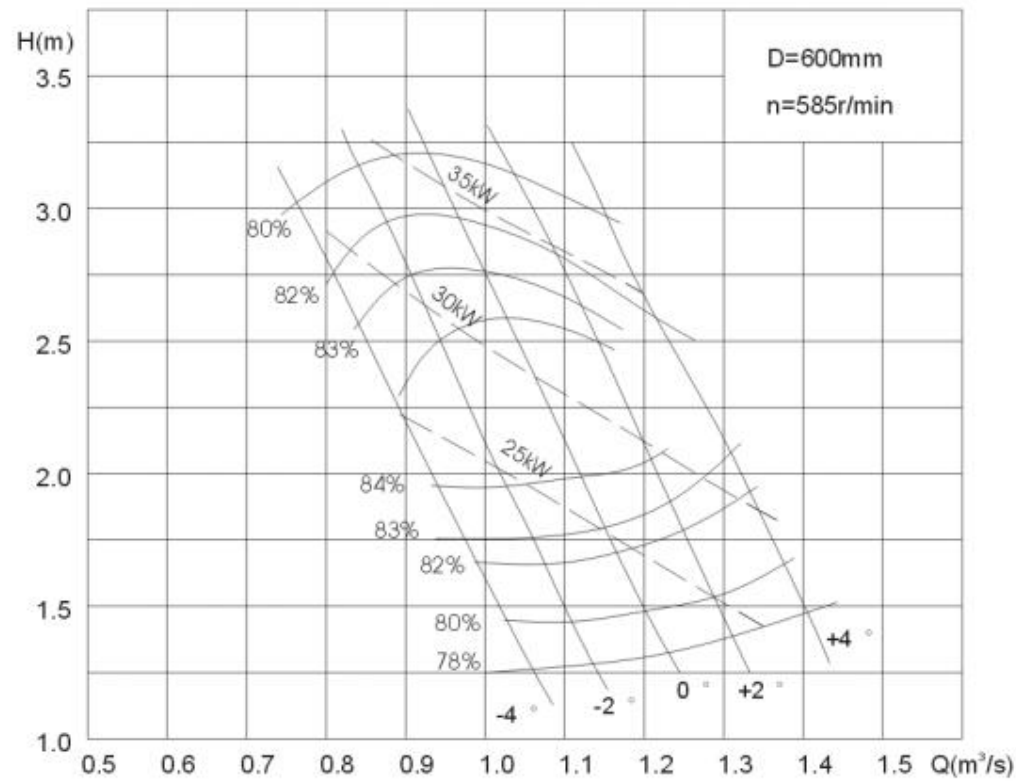


叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
+2°	1.62	3.01	730	58.8	75	81.3	630
	1.67	2.67		53.6		81.8	
	1.78	2.02		44.4		80.0	
0°	1.31	3.60		57.0		81.0	
	1.45	2.78		47.8		82.6	
	1.53	2.25		42.2		81.0	
-2°	1.11	3.50		47.2		81.0	
	1.25	2.80		41.5		82.6	
	1.35	2.15		36.5		80.1	

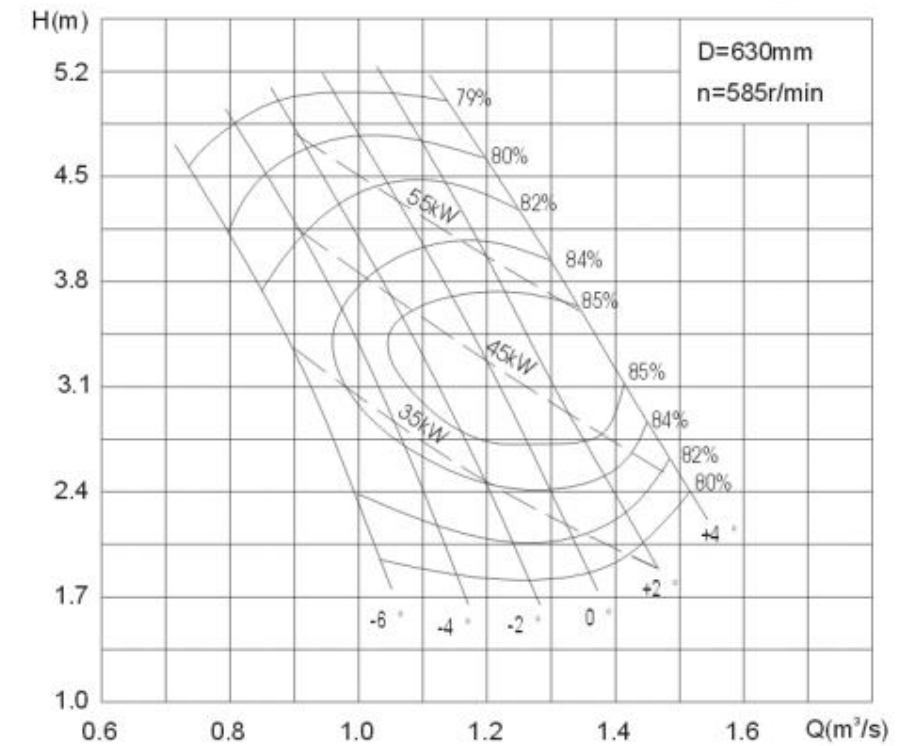
叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	1.76	2.45	730	54.9	95	77.0	600
	1.60	3.65		69.4		82.5	
	1.48	4.55		83.5		79.0	
+2°	1.65	2.35		50.0		76.0	
	1.49	3.50		61.3		83.4	
	1.30	4.78		77.1		79.0	
0°	1.54	2.23		43.7		77.0	
	1.36	3.60		57.3		83.4	
	1.15	5.05		72.0		79.0	
-2°	1.42	2.15		38.4		77.0	
	1.21	3.70		52.5		83.4	
	1.04	5.03		64.9		79.0	
-4°	1.32	2.16	36.3	77.0			
	1.15	3.45	46.8	83.4			
	0.97	4.65	55.3	79.0			



700ZLB-125 型轴流泵工作性能曲线  
Performance Curves for 700ZLB-125 Axial-flow Pump



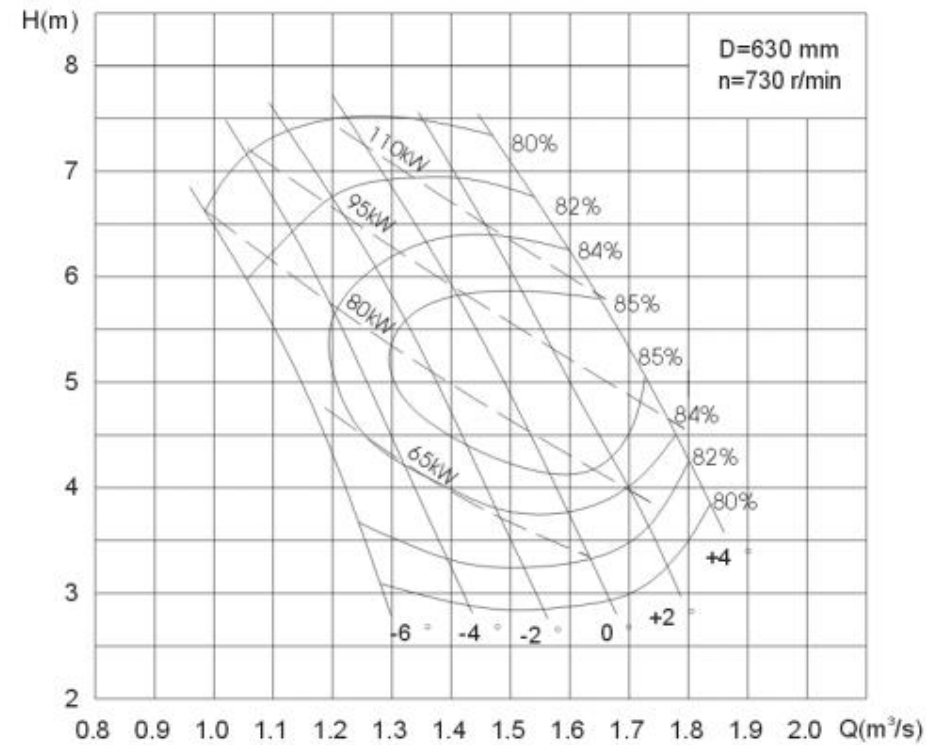
700ZLB-100 型轴流泵工作性能曲线  
Performance Curves for 700ZLB-100 Axial-flow Pump



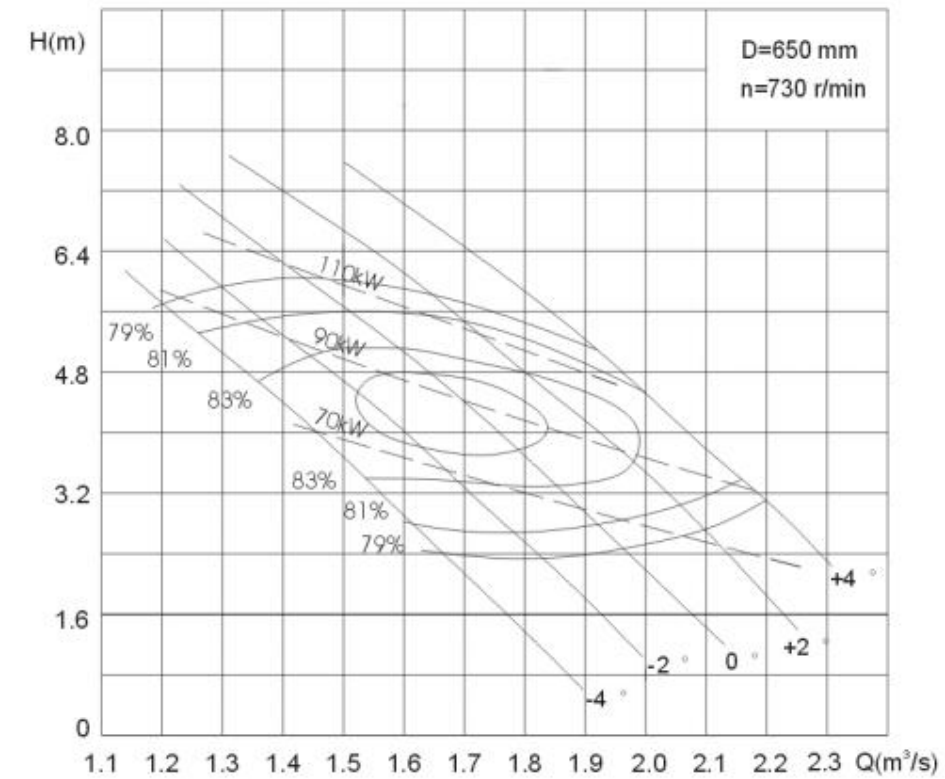
叶片安放角度 Vance Angle( $\beta$ )	流量Q Capacity (m <sup>3</sup> /s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 $\eta$ Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	1.41	1.48	585	26.2	55	78.0	600
	1.30	2.25		34.7		82.5	
	1.18	2.93		42.4		79.9	
+2°	1.32	1.47		24.4		78.0	
	1.18	2.32		32.2		83.4	
	1.04	3.12		39.8		79.9	
0°	1.23	1.32		20.4	78.0	45	
	1.07	2.25		28.1	83.8		
	0.92	3.22		36.5	79.9		
-2°	1.14	1.35		19.3	78.0		
	1.00	2.25		26.3	83.8		
	0.83	3.23		34.0	79.9		
-4°	1.06	1.28	17.6	78.0			
	0.93	2.15	23.5	83.4			
	0.77	3.06	28.9	79.9			

叶片安放角度 Vance Angle( $\beta$ )	流量Q Capacity (m <sup>3</sup> /s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 $\eta$ Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	1.20	4.64	585	68	80	80.6	630
	1.40	3.20		52		84.0	
	1.50	2.50		46		80.6	
+2°	1.10	4.72		63		81.2	
	1.30	3.22		48		85.0	
	1.40	2.48		41		83.4	
0°	1.00	4.82		59	80.5	65	
	1.23	3.02		43	85.0		
	1.34	2.00		32	82.0		
-2°	0.93	4.64		52	81.0		
	1.10	3.29		42	85.0		
	1.24	2.00		30	82.0		
-4°	0.85	4.50	47	80.0	55		
	1.05	2.96	36	84.0			
	1.14	2.00	27	82.0			
-6°	0.80	4.32	41	80.0			
	0.95	2.80	31	84.0			
	1.00	2.37	28	82.0			

700ZLB-100 型轴流泵工作性能曲线  
Performance Curves for 700ZLB-100 Axial-flow Pump



700ZLB-125D 型轴流泵工作性能曲线  
Performance Curves for 700ZLB-125D Axial-flow Pump

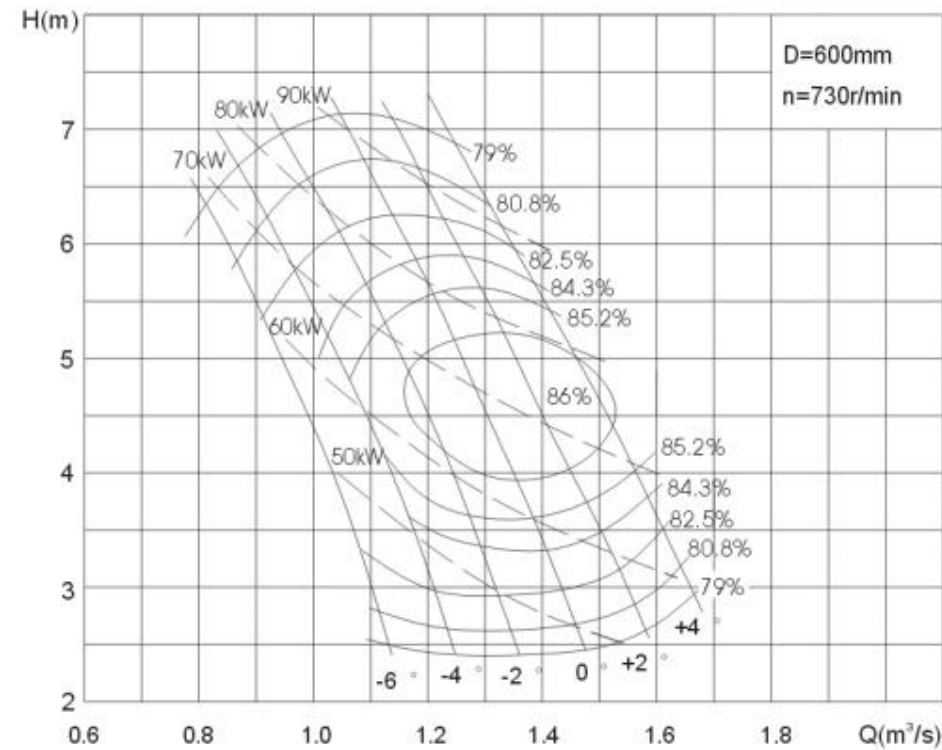


叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	1.90	3.2	730	75.4	130	79.0	630
	1.70	5.2		102.0		85.0	
	1.56	6.7		125.0		82.0	
+2°	1.80	2.9		64.7		79.0	
	1.55	5.6		99.5		85.5	
	1.41	7.0		119.2		81.5	
0°	1.67	3.2		65.0	81.0		
	1.41	5.8		95.7	85.0		
	1.31	6.8		105.8	82.5		
-2°	1.54	3.0		55.8	81.0		
	1.34	5.3		81.8	85.0		
	1.20	6.7		96.1	82.0		
-4°	1.41	3.0	52.6	80.5	110	80.5	
	1.24	5.4	78.8	84.0		84.0	
	1.12	6.6	89.5	81.0		81.0	
-6°	1.30	2.8	45.2	79.0		79.0	
	1.10	5.4	71.2	82.5		82.5	
	0.99	6.6	80.6	80.0		80.0	

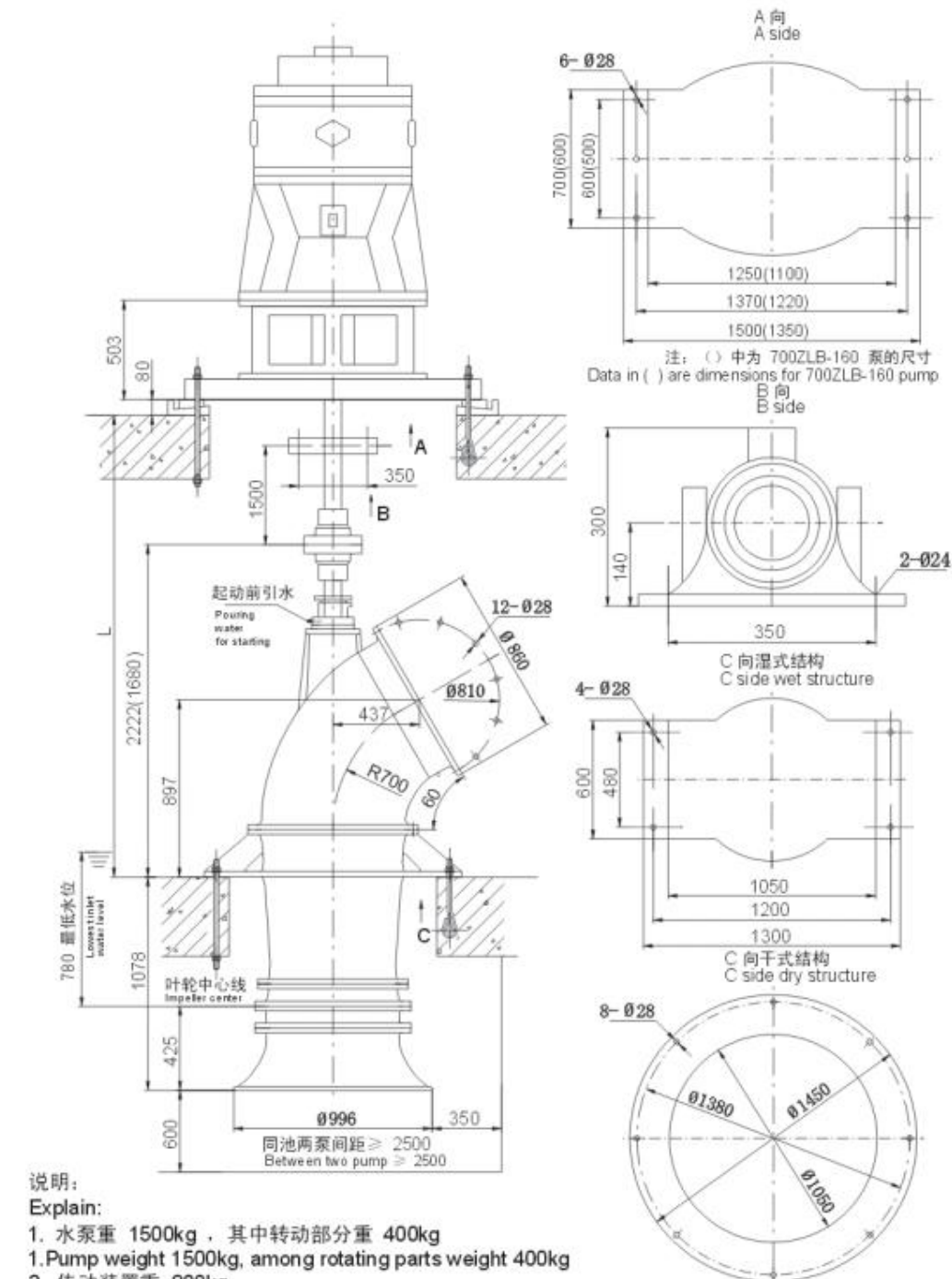
叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	1.96	4.8	730	115	130	80	650
	2.08	4.0		100		82	
	2.19	3.2		87		79	
+2°	1.61	6.0		120		79	
	1.90	4.1		91		84	
	2.09	2.8		73		79	
0°	1.43	6.1		108	79		
	1.70	4.4		86	85		
	1.95	2.5		60	79		
-2°	1.30	6.0		98	79		
	1.55	4.3		77	85		
	1.82	2.4		54	79		
-4°	1.20	5.8	86	79			
	1.45	4.1	69	84			
	1.65	2.4	49	79			



700ZLB-4 型轴流泵工作性能曲线  
Performance Curves for 700ZLB-4 Axial-flow Pump

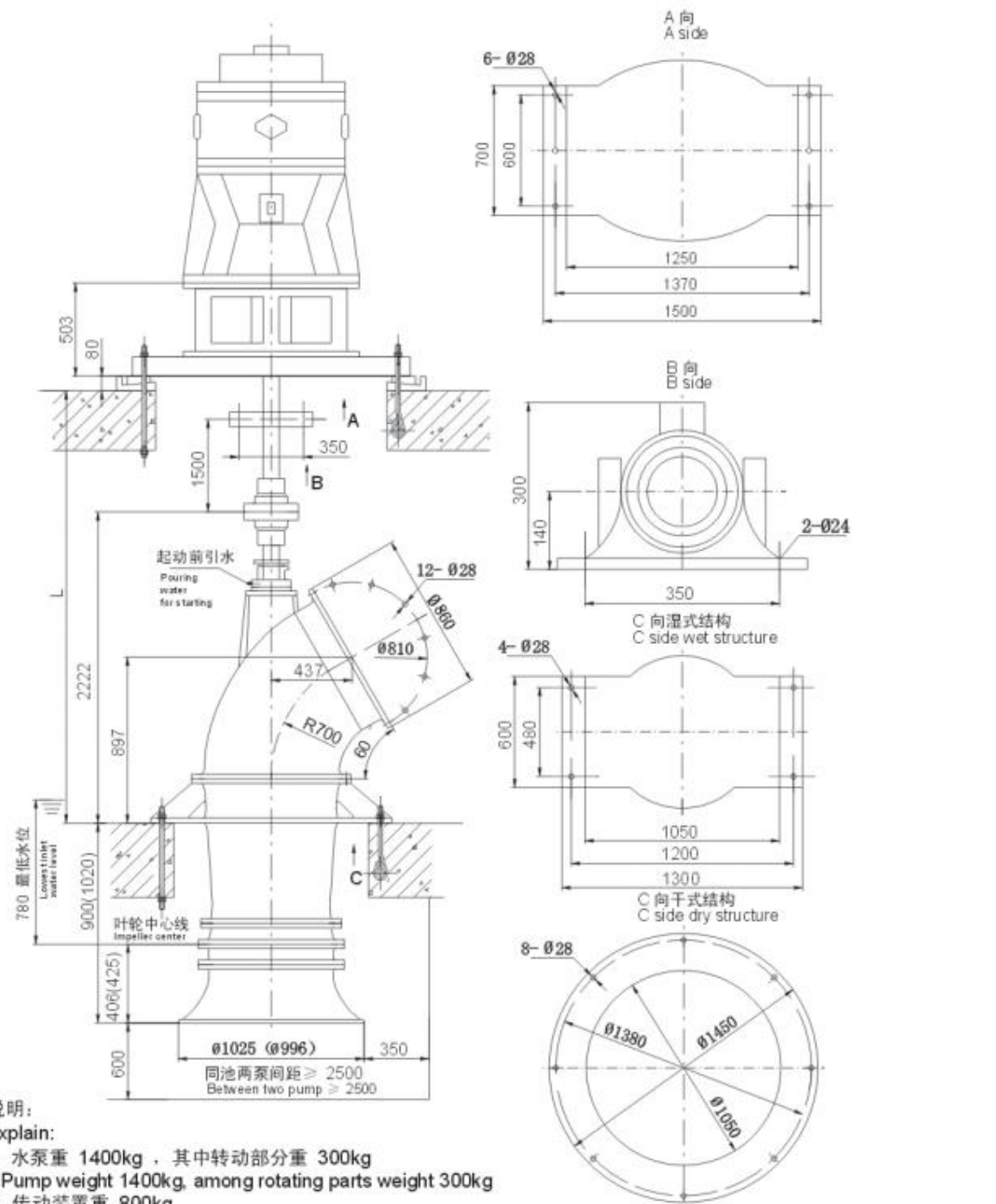


叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	1.63	3.22	730	64.0	110	80.8	600
	1.53	4.34		75.6		86.0	
	1.30	6.41		101.4		80.8	
+2°	1.55	2.94		55.3		80.8	
	1.46	3.95		65.7		86.0	
	1.17	6.79		96.3		80.8	
0°	1.46	2.70		47.8	95	80.8	
	1.35	3.96		60.9		86.0	
	1.08	6.77		88.7		80.8	
-2°	1.35	2.57		42.3		80.8	
	1.22	4.21		58.8		86.0	
	0.99	6.64		80.1		80.8	
-4°	1.24	2.61	39.5	75	80.8		
	1.15	3.90	51.1		85.0		
	0.93	6.38	71.9		80.8		
-6°	1.11	2.80	37.8		80.8		
	0.82	6.31	64.2		79.0		



- 说明:  
Explain:
- 水泵重 1500kg, 其中转动部分重 400kg  
1. Pump weight 1500kg, among rotating parts weight 400kg
  - 传动装置重 800kg  
2. Gearing weight 800kg
  - 最大轴向水推力 2300kg  
3. Maximum axial thrust of 2300kg
  - L=2400 ~ 6000mm, 当 L ≥ 4000mm 时, 应加中间传动  
4. L=2400 ~ 6000mm, when L ≥ 4000mm to add intermediate transmission

700ZLB-70、700ZLB-50、700ZLB-160、700ZLQ-100、28ZLB(Q)-70 型轴流泵外形安装图  
Erection View for 700ZLB-70、700ZLB-50、700ZLB-160、700ZLQ-100、28ZLB(Q)-70、Pump of Direct Coupling Type



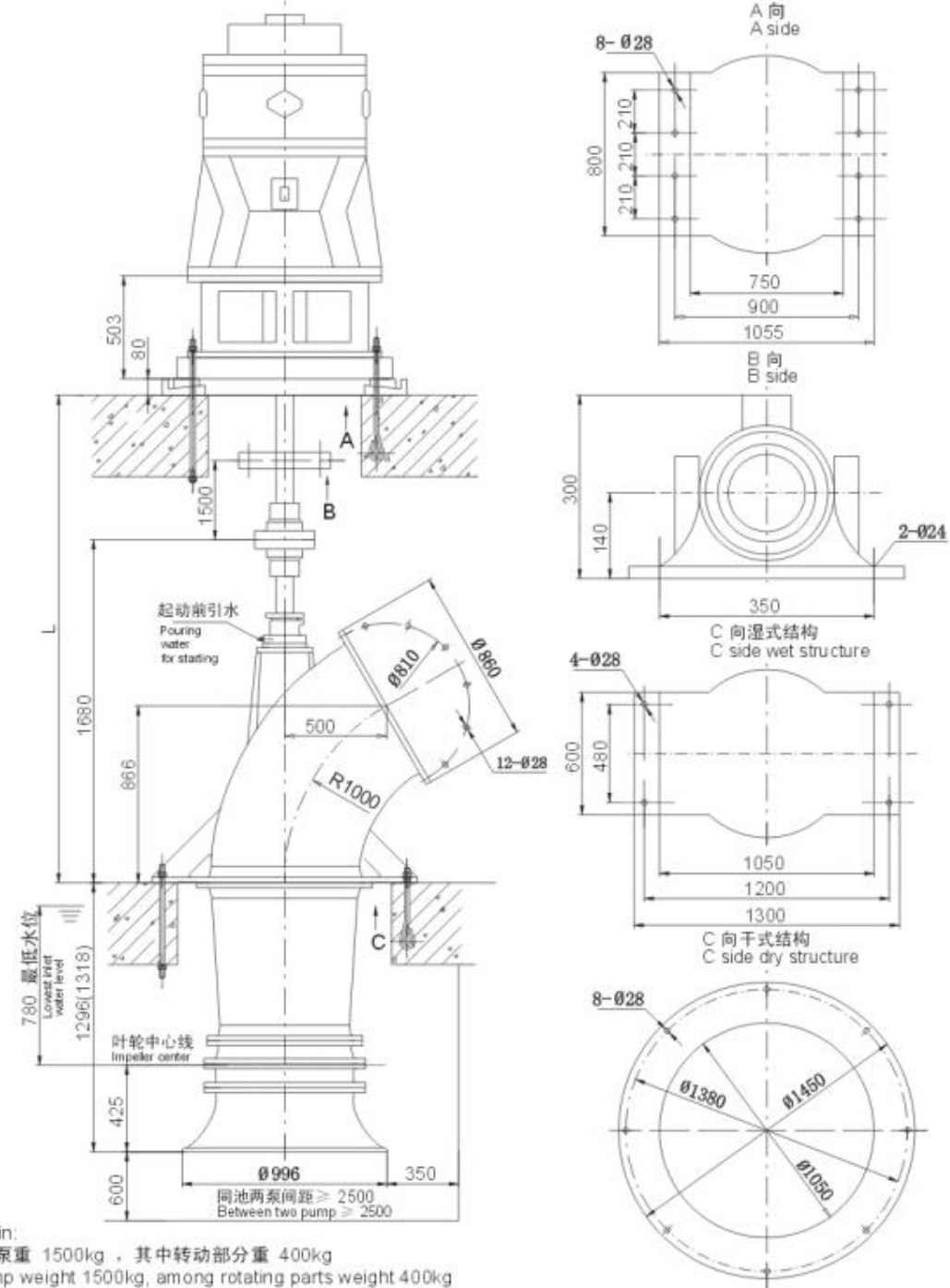
说明:

Explain:

1. 水泵重 1400kg, 其中转动部分重 300kg  
1.Pump weight 1400kg, among rotating parts weight 300kg
2. 传动装置重 800kg  
2.Gearing weight 800kg
3. 最大轴向水推力 2100kg  
3.Maximum axial thrust of 2100kg
- 4.L=2400 ~ 6000mm, 当 L ≥ 4000mm 时, 应加中间传动  
4.L=2400 ~ 6000mm, when L ≥ 4000mm to add intermediate transmission

700ZLB-125、700ZLB-125D 型轴流泵外形安装图

Erection View for 700ZLB-125、700ZLB-125D Pump of Direct Coupling Type



说明:

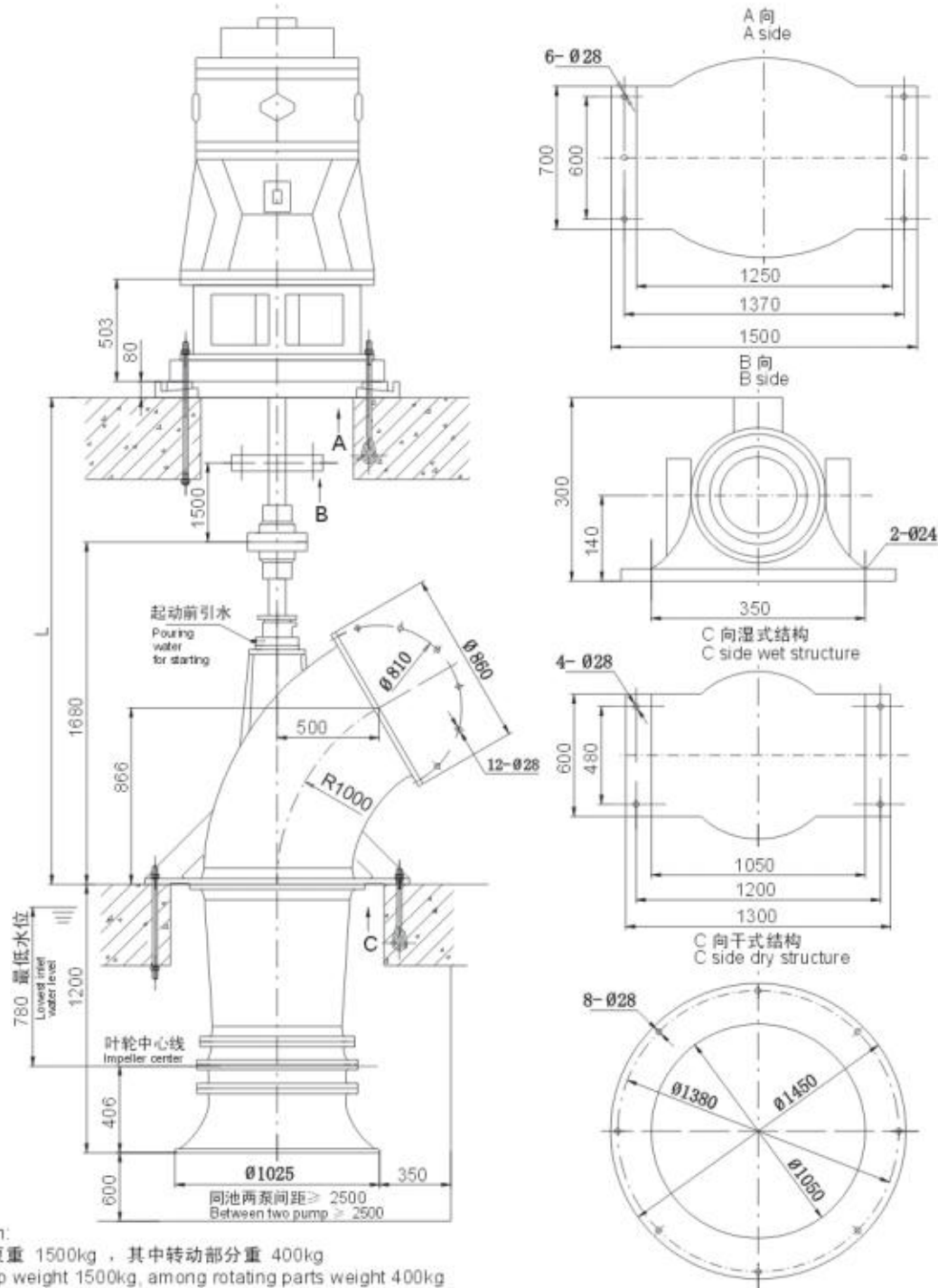
Explain:

1. 水泵重 1500kg, 其中转动部分重 400kg  
1.Pump weight 1500kg, among rotating parts weight 400kg
2. 传动装置重 800kg  
2.Gearing weight 800kg
3. 最大轴向水推力 2300kg  
3.Maximum axial thrust of 2300kg
- 4.L=2400 ~ 6000mm, 当 L ≥ 4000mm 时, 应加中间传动  
4.L=2400 ~ 6000mm, when L ≥ 4000mm to add intermediate transmission

700ZLB-100、700ZLB-70A、700ZLB-70B 型轴流泵外形安装图

Erection View for 700ZLB-100、700ZLB-70A、700ZLB-70B Pump of Direct Coupling Type





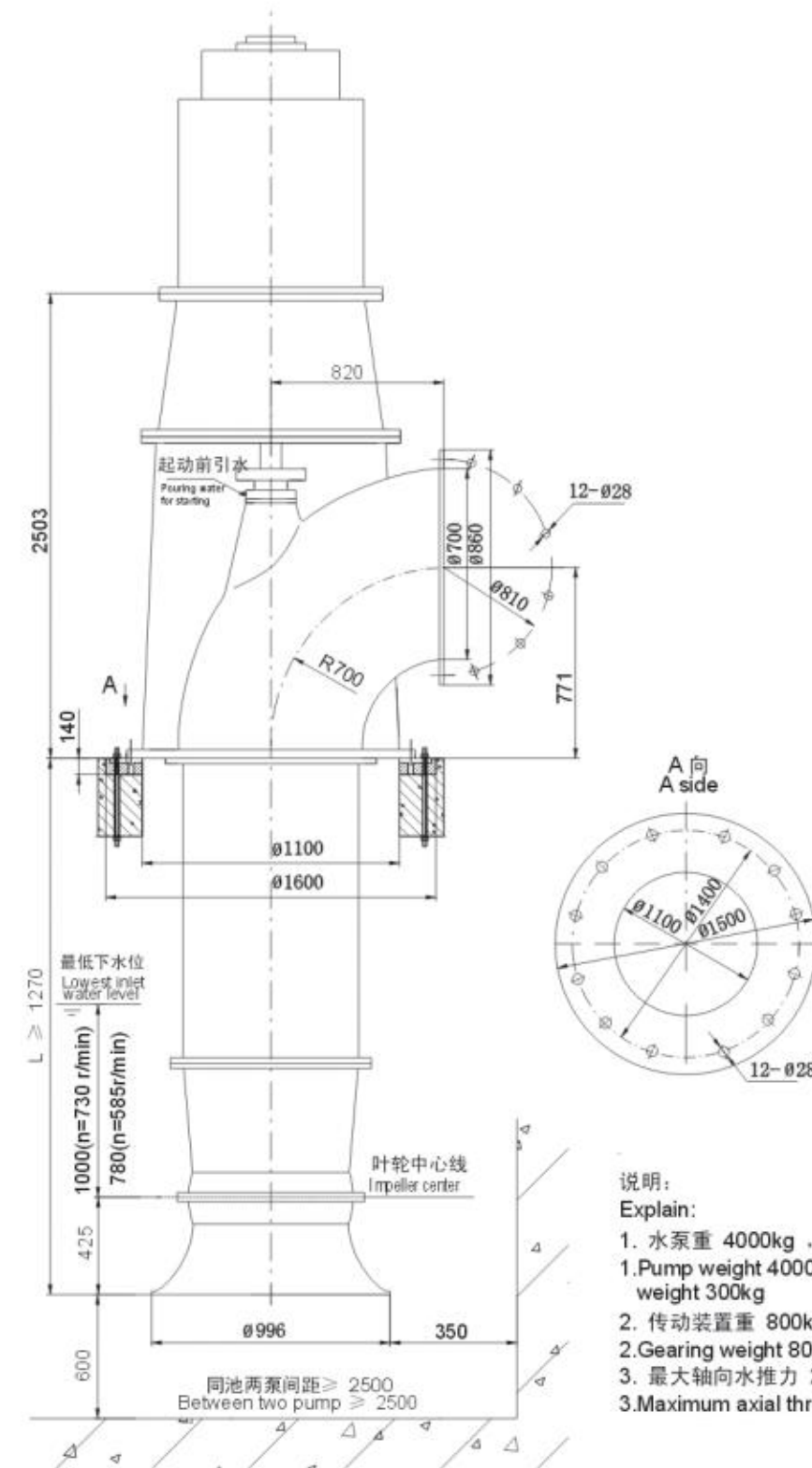
说明:

Explain:

1. 水泵重 1500kg, 其中转动部分重 400kg  
1.Pump weight 1500kg, among rotating parts weight 400kg
2. 传动装置重 800kg  
2.Gearing weight 800kg
3. 最大轴向水推力 2300kg  
3.Maximum axial thrust of 2300kg
4. L=2400 ~ 6000mm, 当 L ≥ 4000mm 时, 应加中间传动  
4.L=2400 ~ 6000mm, when L ≥ 4000mm to add intermediate transmission

700ZLB-4 型轴流泵外形安装图

Erection View for 700ZLB-4 Pump of Direct Coupling Type



说明:

Explain:

1. 水泵重 4000kg, 其中转动部分重 300kg  
1.Pump weight 4000kg, among rotating parts weight 300kg
2. 传动装置重 800kg  
2.Gearing weight 800kg
3. 最大轴向水推力 2300kg  
3.Maximum axial thrust of 2300kg

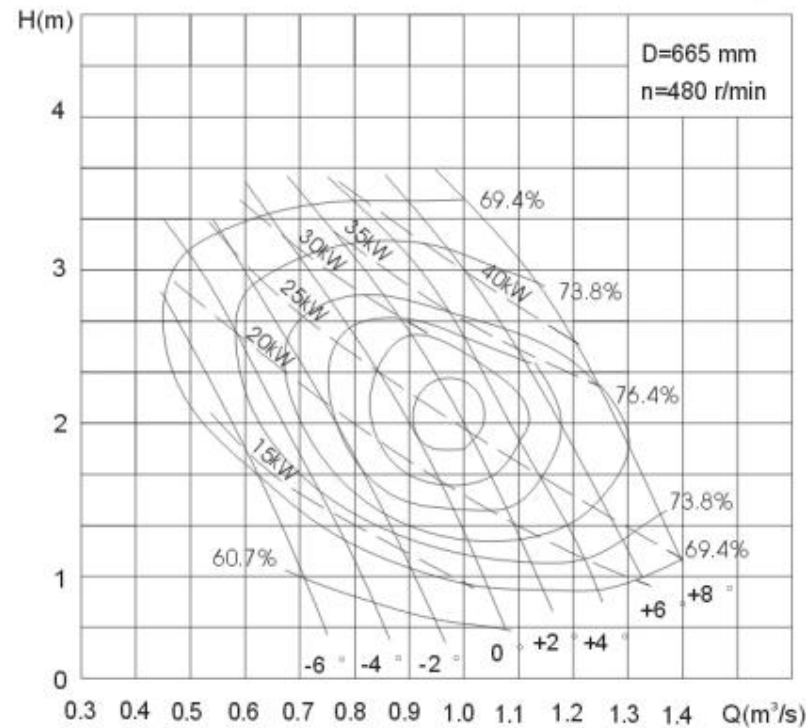
700ZLB-70DP 型轴流泵外形安装图

Erection View for 700ZLB-70DP Pump of Direct Coupling Type



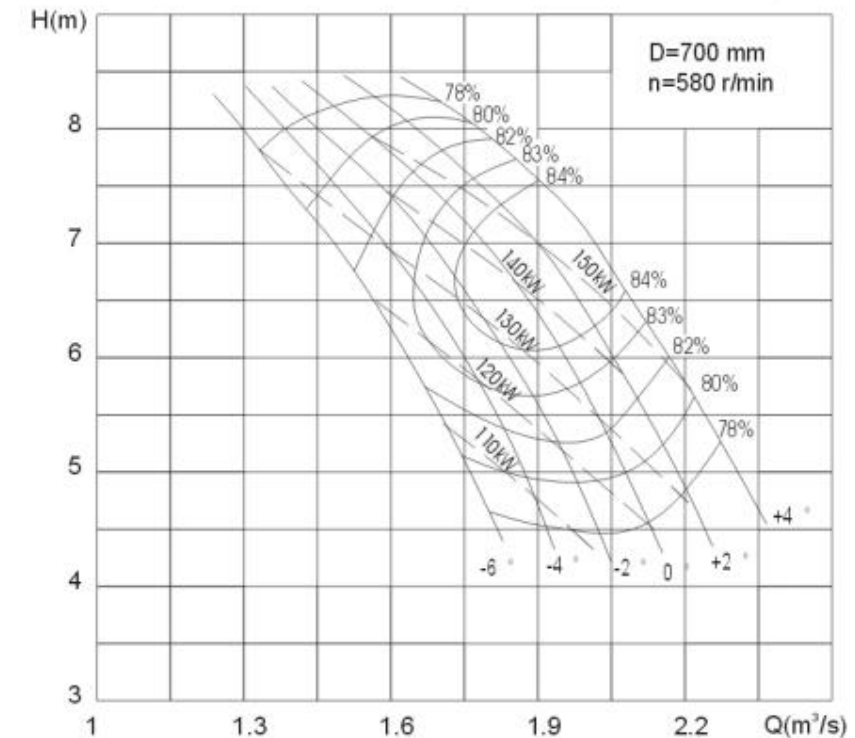
# ZLB(Q)系列轴流泵

32ZLB-100 型轴流泵工作性能曲线  
Performance Curves for 32ZLB-100 Axial-flow Pump



叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
+8°	1.00	3.50	480	50.0	55	70.0	665
	1.29	2.00		34.0		76.5	
	1.35	1.36		25.0		73.5	
+6°	0.97	3.20		41.7		73.2	
	1.18	2.01		30.0		78.2	
	1.30	1.25		21.6		73.6	
+4°	0.90	3.07		36.3	74.9	40	
	1.09	1.97		26.2	79.3		
	1.21	1.28		20.6	73.6		
+2°	0.80	3.16		33.2	74.0		
	0.99	2.00		24.3	80.1		
	1.12	1.18		17.6	73.8		
0°	0.75	2.87	27.7	76.2	30		
	0.89	2.00	21.8	80.2			
	1.01	1.17	16.0	73.0			
-2°	0.59	3.06	25.0	72.6			
	0.75	2.06	20.0	77.7			
	0.89	1.28	15.4	72.4			
-4°	0.60	2.48	19.8	74.3	30		
	0.67	2.06	18.1	74.9			
	0.78	1.24	14.2	65.5			

800ZLB-70 型轴流泵工作性能曲线  
Performance Curves for 800ZLB-70 Axial-flow Pump



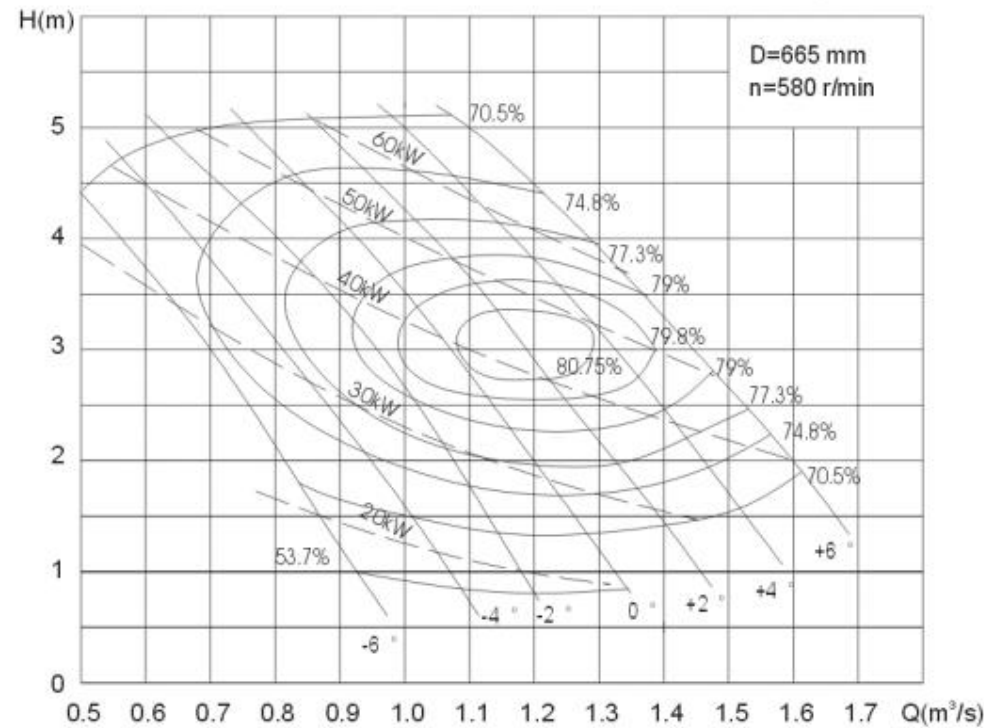
叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	2.26	5.23	580	144.8	180	77.9	700
	2.05	6.75		160.3		84.6	
	1.71	8.05		173.2		77.9	
+2°	2.21	4.73		125.7		77.9	
	1.96	6.40		143.8		85.5	
	1.62	8.10		160.7		77.9	
0°	2.13	4.47		117.5	77.9	155	
	1.87	6.60		141.4	85.5		
	1.57	7.90		151.9	77.9		
-2°	1.97	4.85		117.0	77.9		
	1.80	6.10		127.3	84.5		
	1.42	7.99		142.4	77.9		
-4°	1.89	4.60	109.2	77.9	130		
	1.77	5.77	120.6	82.9			
	1.37	7.88	136.0	77.9			
-6°	1.78	4.57	102.5	77.9			
	1.59	6.35	120.5	82.1			
	1.32	7.70	127.8	77.9			





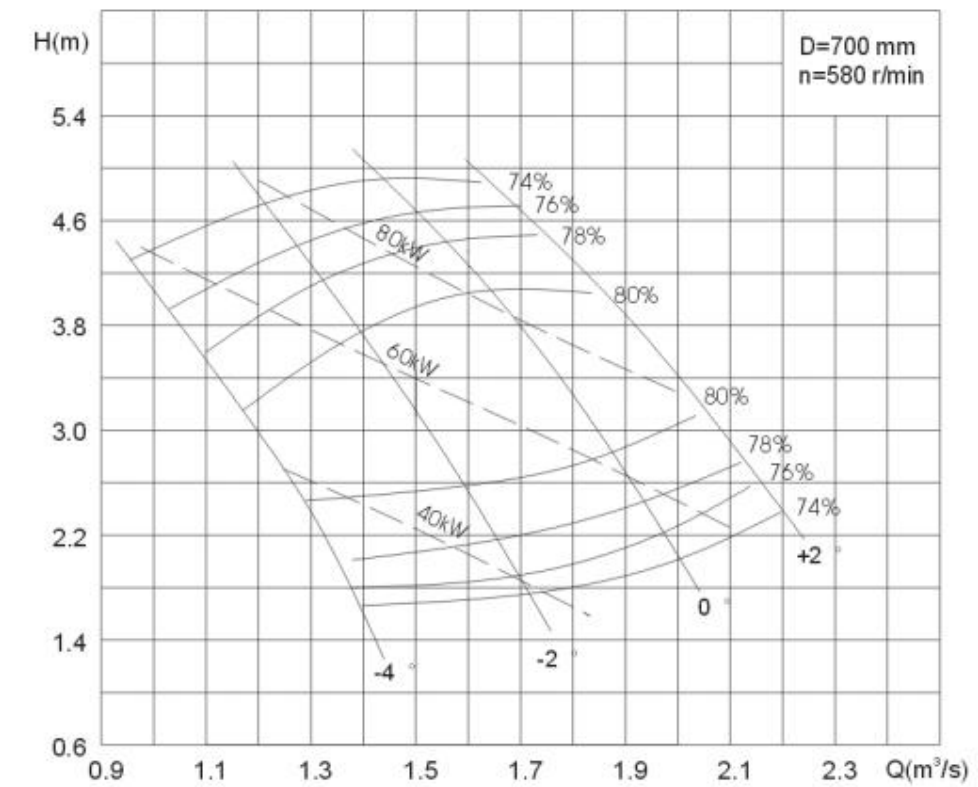
# ZLB(Q)系列轴流泵

32ZLB-100 型轴流泵工作性能曲线  
Performance Curves for 32ZLB-100 Axial-flow Pump



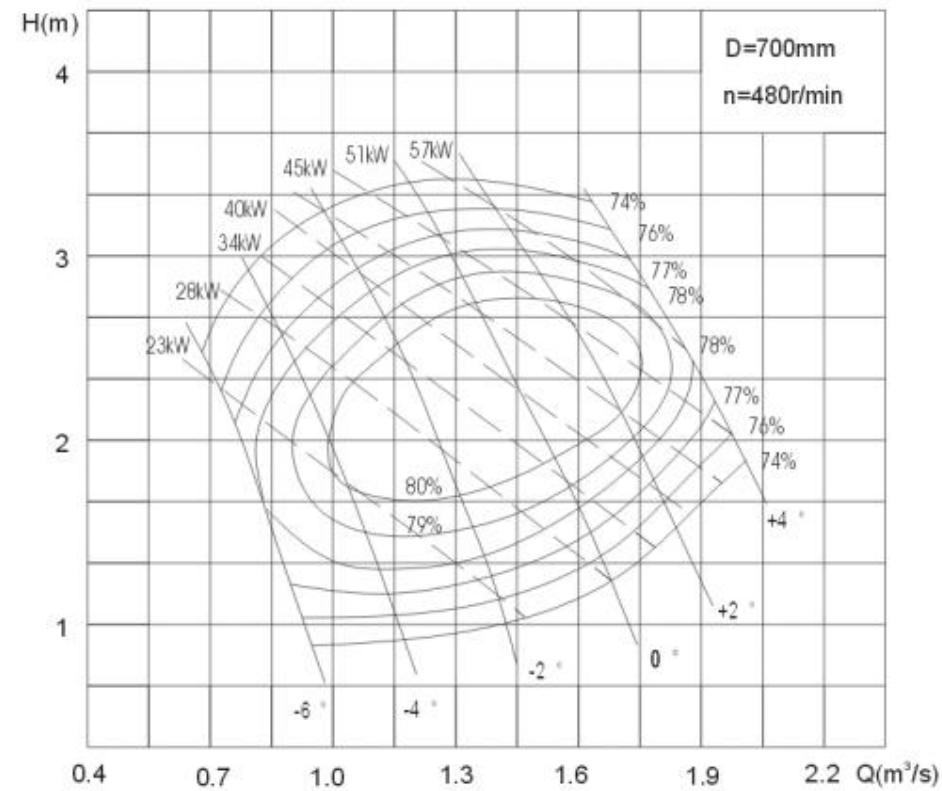
叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
+6°	1.23	4.45	580	71.7	95	74.8	665
	1.45	3.00		53.8		79.2	
	1.62	1.80		40.5		70.5	
+4°	1.16	4.15		63.8	80	73.9	
	1.32	3.10		50.0		80.2	
	1.47	1.92		37.3		74.1	
+2°	0.94	4.52		55.1	75	75.5	
	1.29	3.00		47.0		80.7	
	1.36	1.80		32.1		74.8	
0°	0.93	4.00		47.0	55	77.6	
	1.09	2.95		38.9		80.9	
	1.24	1.73		28.3		74.2	
-2°	0.80	4.00		41.7	55	75.2	
	0.95	3.00		34.9		80.0	
	1.13	1.50		23.3		71.2	
-4°	0.61	4.46		36.1	55	73.8	
	0.82	2.93		30.8		76.5	
	0.96	1.88		24.2		73.1	
-6°	0.65	3.32	29.1	40	72.8		
	0.69	3.07	28.1		73.8		
	0.81	2.12	23.1		73.0		

32ZLB-125 型轴流泵工作性能曲线  
Performance Curves for 32ZLB-125 Axial-flow Pump

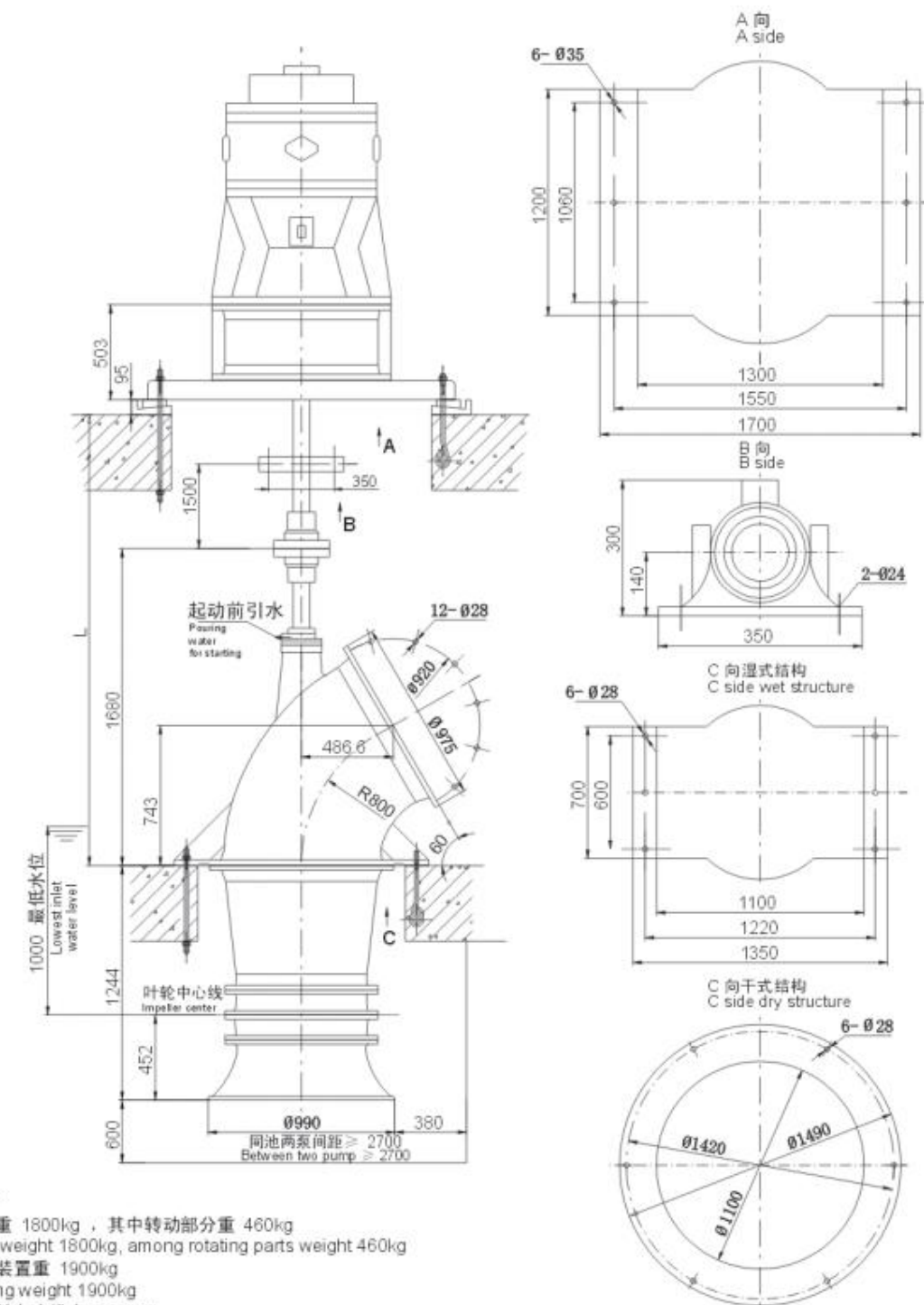


叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
+2°	1.74	4.50	580	98.4	115	78.0	700
	1.95	3.65		84.3		80.5	
	2.20	2.30		67.8		73.2	
0°	1.50	4.60		88.4	95	76.5	
	1.80	3.10		67.7		80.8	
	2.00	1.90		50.7		73.5	
-2°	1.25	4.60		75.2	95	75.0	
	1.50	3.10		57.0		80.5	
	1.70	1.90		39.4		74.4	
-4°	1.00	4.12		53.9	80	75.0	
	1.25	2.68		41.1		80.0	
	1.35	1.80		31.3		76.4	

32ZLB-125 型轴流泵工作性能曲线  
Performance Curves for 32ZLB-125 Axial-flow Pump



叶片安放角度 Vance Angle ( $\beta$ )	流量Q Capacity ( $m^3/s$ )	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 $\eta$ Eff (%)	叶轮直径 Impeller Di. (mm)
+2°	1.40	3.26	480	58.8	80	76.1	700
	1.60	2.47		48.3		80.2	
	1.77	1.71		39.2		75.7	
0°	1.18	3.40		53.5		73.5	
	1.49	2.12		38.7		80.8	
	1.65	1.30		28.7		73.5	
-2°	1.03	3.15		42.6	75.0		
	1.24	2.14		32.3	80.5		
	1.40	1.21		22.3	74.4		
-4°	0.83	2.82		30.6	75.0		
	1.03	1.84		23.3	80.0		
	1.12	0.85		17.7	76.4		

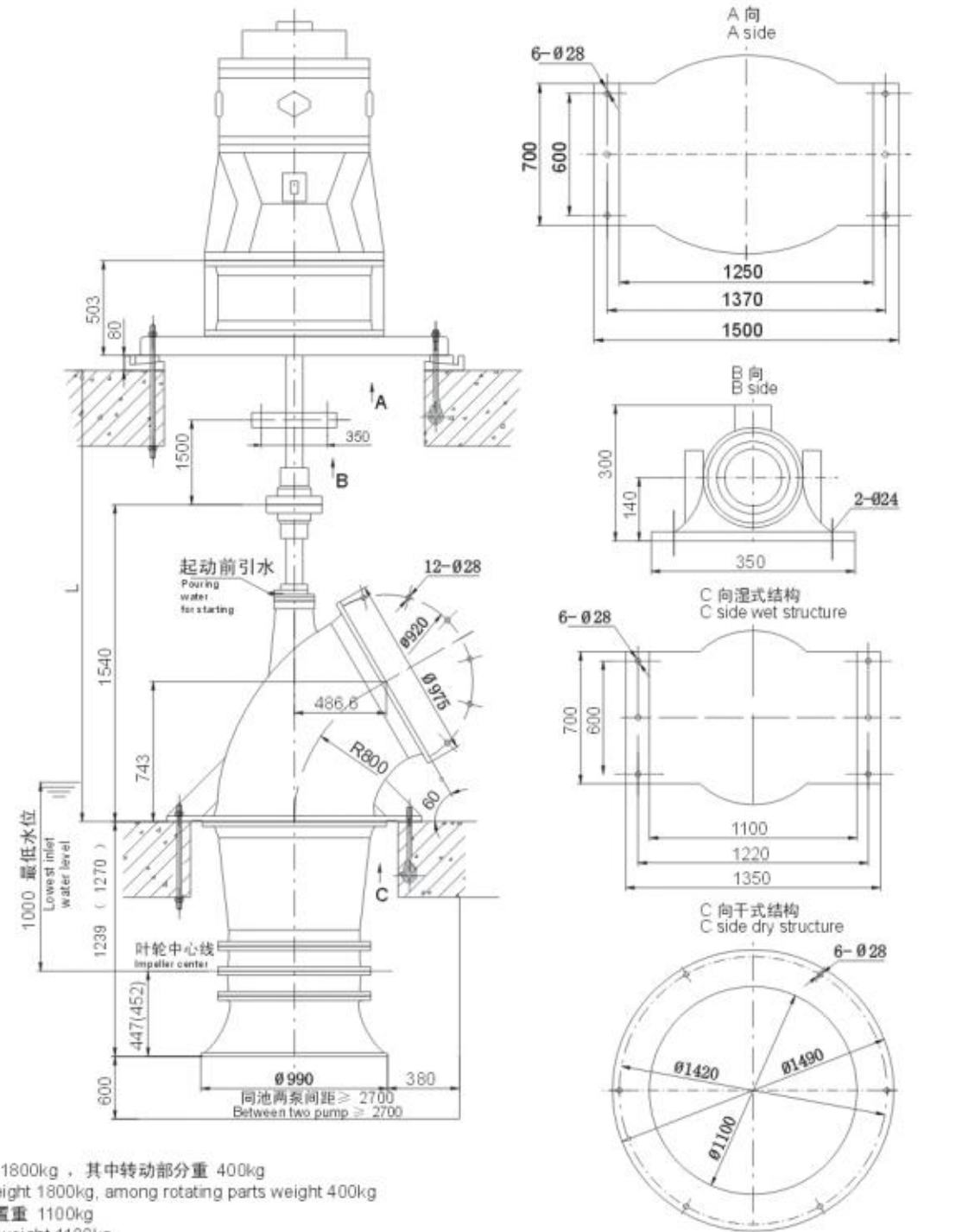


说明:  
Explain:

1. 水泵重 1800kg, 其中转动部分重 460kg  
1. Pump weight 1800kg, among rotating parts weight 460kg
2. 传动装置重 1900kg  
2. Gearing weight 1900kg
3. 最大轴向水推力 2500kg  
3. Maximum axial thrust of 2500kg
4. L=2400 ~ 6000mm, 当 L ≥ 4000mm 时, 应加中间传动  
4. L=2400 ~ 6000mm, when L ≥ 4000mm to add intermediate transmission

800ZLB-70 型轴流泵外形安装图  
Erection View for 800ZLB-70 Pump of Direct Coupling Type



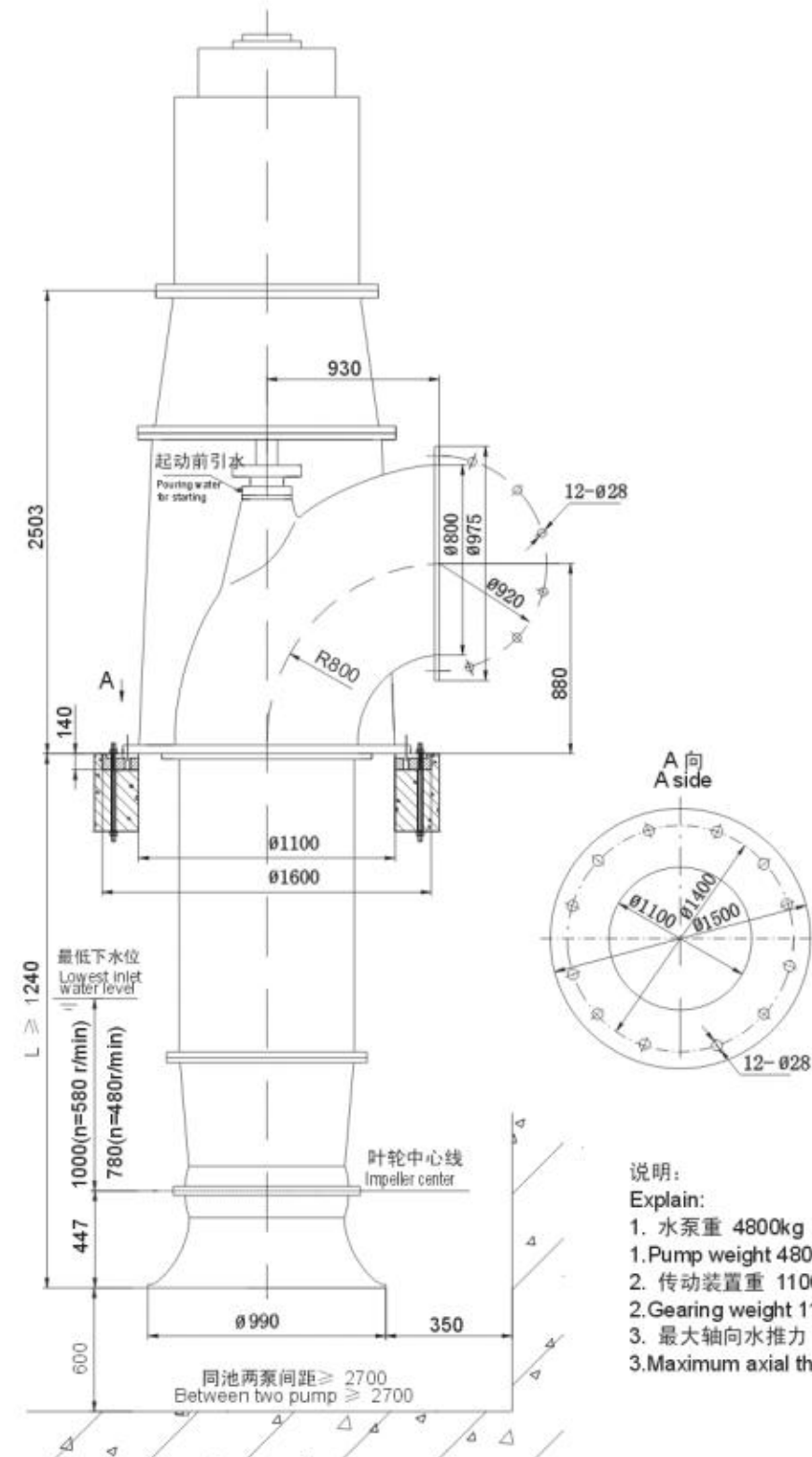


说明:  
Explain:

1. 水泵重 1800kg, 其中转动部分重 400kg  
1. Pump weight 1800kg, among rotating parts weight 400kg
2. 传动装置重 1100kg  
2. Gearing weight 1100kg
3. 最大轴向水推力 2300kg  
3. Maximum axial thrust of 2300kg
4. L=2400 ~ 6000mm, 当 L ≥ 4000mm 时, 应加中间传动  
4. L=2400 ~ 6000mm, when L ≥ 4000mm to add intermediate transmission

注: ( ) 中为 32ZLB-125 泵的尺寸  
Data in ( ) are dimensions for 32ZLB-125 pump

**32ZLB-100、32ZLB-125 型轴流泵外形安装图**  
Erection View for 32ZLB-100、32ZLB-125 Pump of Direct Coupling Type



说明:  
Explain:

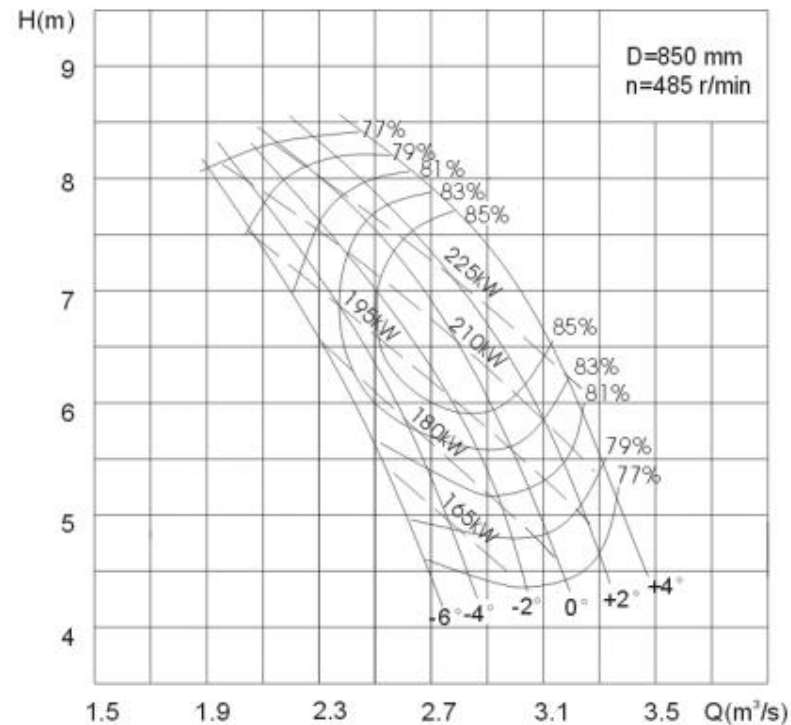
1. 水泵重 4800kg  
1. Pump weight 4800kg
2. 传动装置重 1100kg  
2. Gearing weight 1100kg
3. 最大轴向水推力 2500kg  
3. Maximum axial thrust of 2500kg

**800ZLB-70DP 型轴流泵外形安装图**  
Erection View for 800ZLB-70DP Pump of Direct Coupling Type

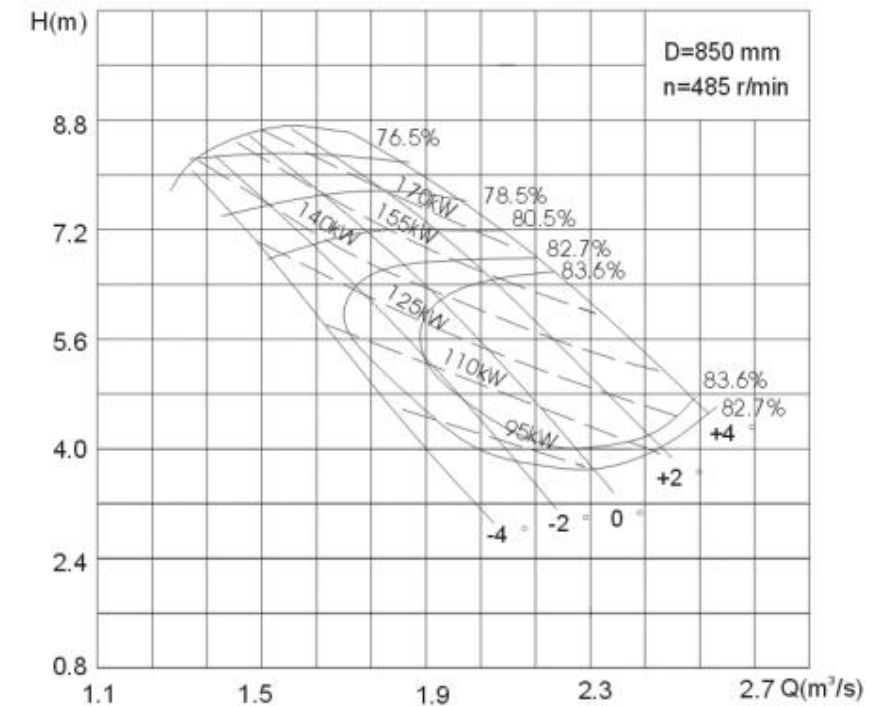


# ZLB(Q)系列轴流泵

900ZLB-70 型轴流泵工作性能曲线  
Performance Curves for 900ZLB-70 Axial-flow Pump



900ZLB-70A 型轴流泵工作性能曲线  
Performance Curves for 900ZLB-70A Axial-flow Pump



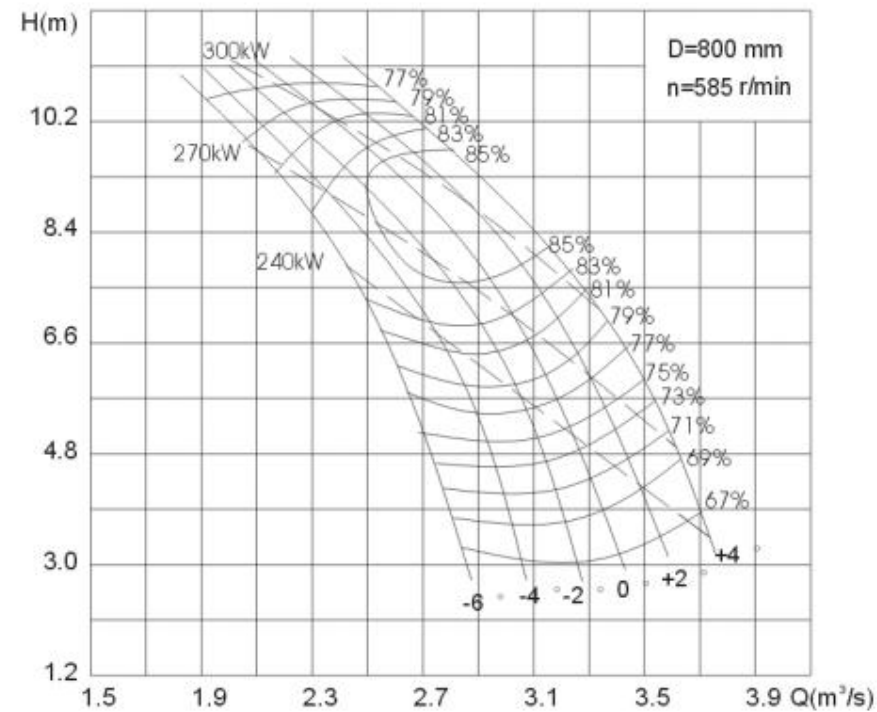
ZLB(Q) SERIES AXIAL FLOW PUMP

叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	3.35	5.39	485	224.8	280	78.7	850
	3.07	6.73		236.5		85.6	
	2.56	8.30		264.6		78.7	
+2°	3.25	4.87		197.0		78.8	
	2.93	6.60		222.7		85.1	
	2.32	8.35		241.2		78.7	
0°	3.11	4.61		178.5	250	78.7	
	2.80	6.56		211.5		85.1	
	2.20	8.30		227.4		78.7	
-2°	3.00	4.48		167.3		78.7	
	2.69	6.29		198.6		83.5	
	2.12	8.24		217.5		78.7	
-4°	28.3	4.57	161.0	210	78.7		
	2.65	5.74	182.0		81.9		
	2.05	8.12	207.3		78.8		
-6°	2.67	4.77	158.6		78.7		
	2.38	6.34	182.6		81.0		
	1.98	7.94	195.7		78.7		

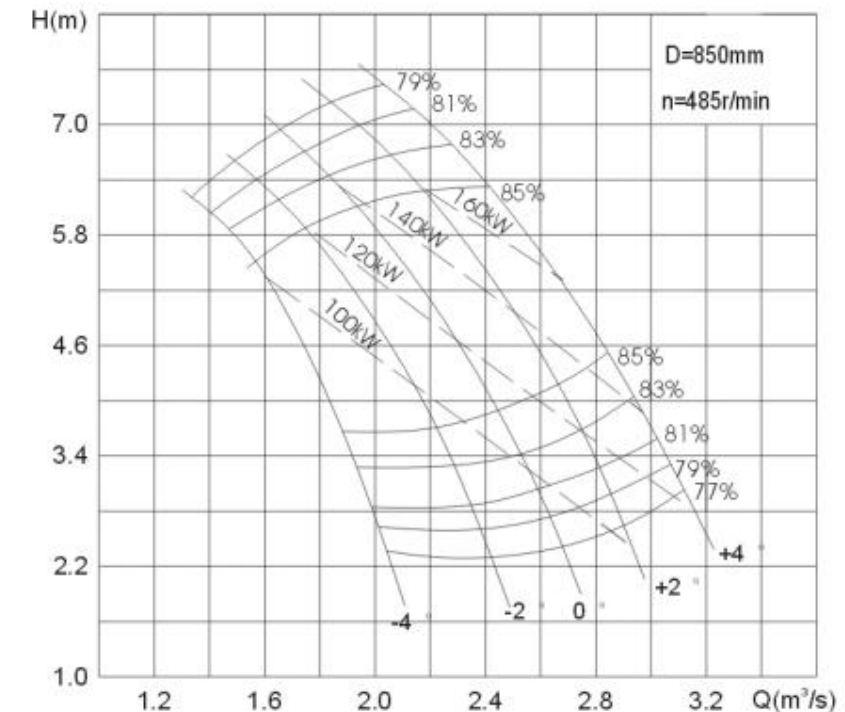
叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)	
+4°	2.52	4.7	485	138.8	180	83.6	850	
	2.27	6.0		158.9		84.0		
	2.09	7.0		177.1		81.2		
+2°	2.30	5.0		133.7		84.4		
	2.00	6.8		160.7		83.0		
	1.85	7.3		165.6		80.0		
0°	2.25	4.0		105.5	155	83.7		
	2.02	5.5		129.6		84.1		
	1.75	7.0		148.0		81.2		
-2°	2.09	4.0		98.8		155		83.0
	1.86	5.5		120.9				83.0
	1.61	7.0		137.3				80.5
-4°	1.78	5.0	105.8	155	82.5			
	1.64	6.0	117.4		82.2			
	1.49	7.0	128.2		79.8			



900ZLB-70H 型轴流泵工作性能曲线  
Performance Curves for 900ZLB-70H Axial-flow Pump



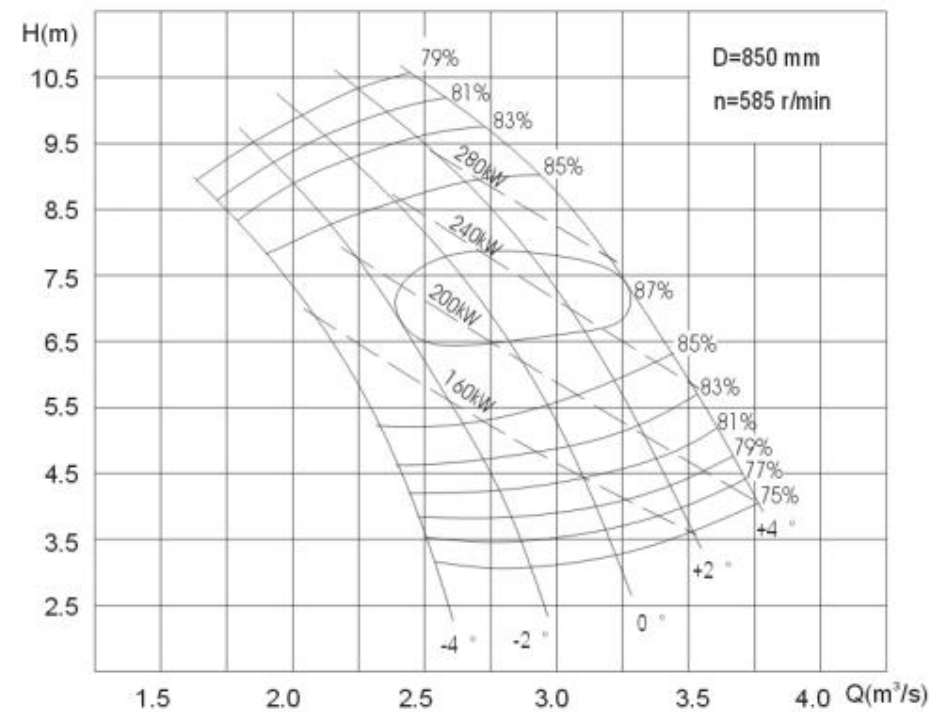
900ZLB-85 型轴流泵工作性能曲线  
Performance Curves for 900ZLB-85 Axial-flow Pump



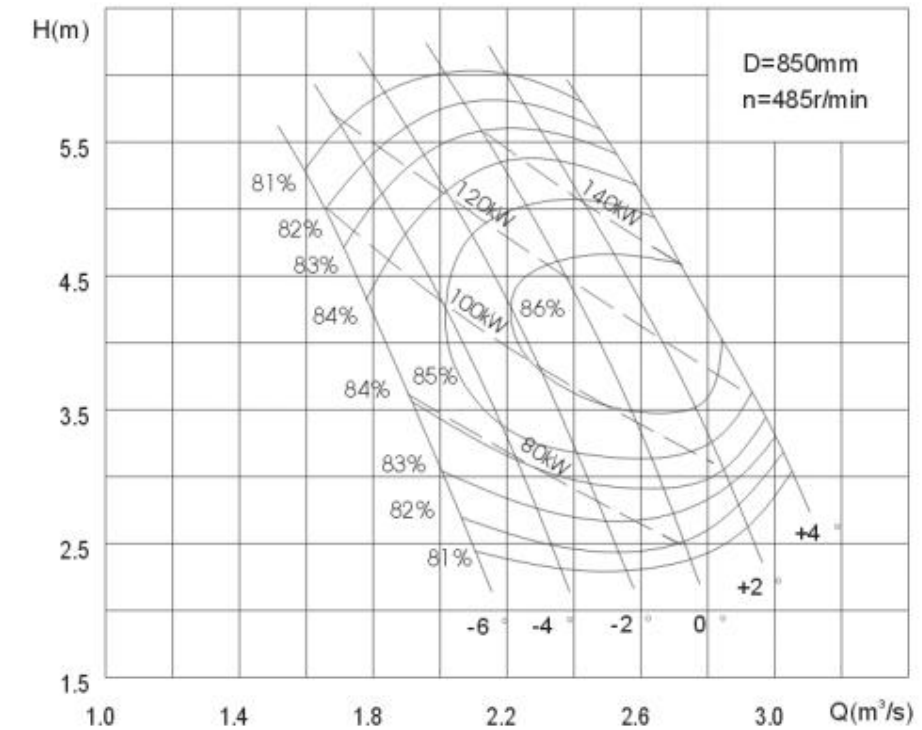
叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	3.15	8.2	585	302	340	84	800
	3.50	6.0		275		75	
	3.70	4.0		214		68	
+2°	2.32	10.8		320		77	
	3.00	8.2		284		85	
	3.30	6.0		253		77	
0°	2.20	10.8		307		76	
	2.85	8.2		270		85	
	3.12	6.1		237		79	
-2°	2.10	10.7		290		76	
	2.70	8.2		256		85	
	3.00	6.0		224		79	
-4°	2.02	10.6	278	76			
	2.51	8.2	238	85			
	2.83	6.1	215	79			
-6°	1.90	10.7	265.8	76	300	81	
	2.30	8.7	243	81			
	2.50	6.8	206	81			

叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	2.19	7.0	485	184	200	82	850
	2.68	5.1		154		87	
	3.09	3.0		120		77	
+2°	1.92	7.0		163	180	81	
	2.47	5.0		139		87	
	2.90	2.5		94		75	
0°	1.76	6.8		145	160	81	
	2.22	5.0		128		87	
	2.74	2.0		78		71	
-2°	1.59	6.5		128	130	81	
	2.00	4.8		110		87	
	2.40	2.0		68		71	
-4°	1.42	6.0	105	130	81		
	1.75	4.5	92		86		
	2.08	2.0	57		71		

900ZLQ-85 型轴流泵工作性能曲线  
Performance Curves for 900ZLQ-85 Axial-flow Pump



900ZLB-100 型轴流泵工作性能曲线  
Performance Curves for 900ZLB-100 Axial-flow Pump



叶片安放角度 Vance Angle( $\beta$ )	流量Q Capacity (m <sup>3</sup> /s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 $\eta$ Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	2.97	8.73	585	300	315	85	850
	3.30	7.25		266		87	
	3.57	5.34		234		81	
+2°	2.35	9.95		283		81	
	2.86	7.84		253		87	
	3.17	5.99		220		85	
0°	1.92	10.21		250		77	
	2.78	6.55		205		87	
	2.92	5.72		193		85	
-2°	1.75	9.76		218		77	
	2.38	6.73		184		85	
	2.81	4.21		143		81	
-4°	1.59	9.18	186	77			
	2.13	6.50	159	85			
	2.31	4.10	115	81			

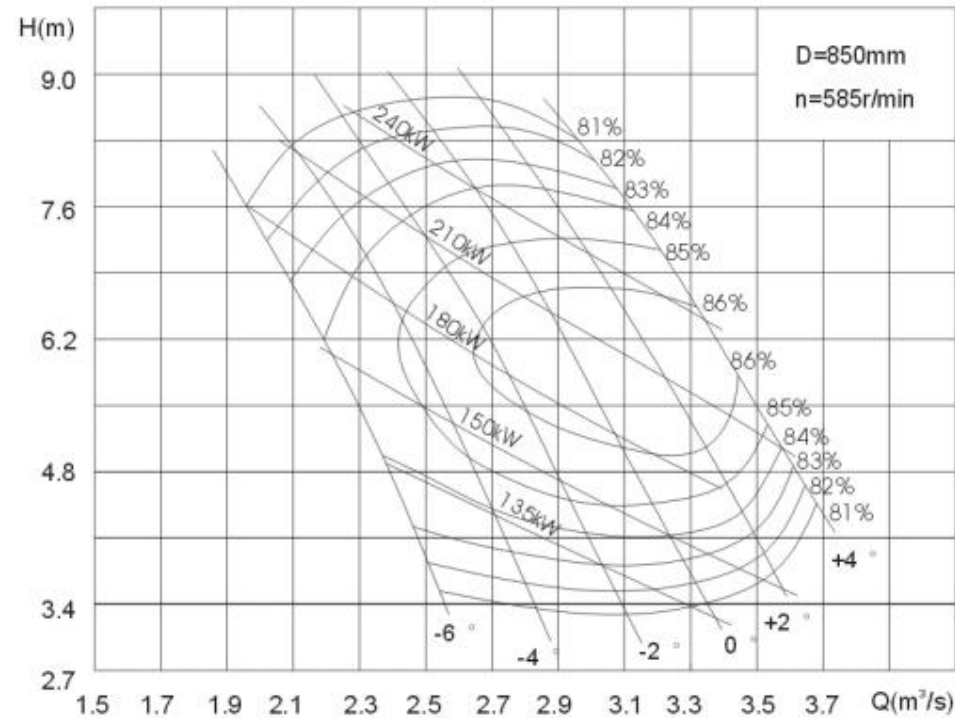
叶片安放角度 Vance Angle( $\beta$ )	流量Q Capacity (m <sup>3</sup> /s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 $\eta$ Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	3.08	2.60	485	97.5	180	80.5	850
	2.82	3.92		124.5		87.0	
	2.47	5.45		160.8		82.0	
+2°	2.94	2.40		85.9		80.5	
	2.62	4.00		118.0		87.0	
	2.15	6.10		159.7		80.5	
0°	2.76	2.18		73.2	155	80.5	
	2.42	4.00		109.0		87.0	
	1.96	6.15		146.7		80.5	
-2°	2.57	2.03		63.5		80.5	
	2.23	4.00		100.4		87.0	
	1.79	6.05		131.8		80.5	
-4°	2.38	2.35	67.7	155	81.0		
	2.05	4.00	94.7		85.5		
	1.71	5.60	115.9		81.0		
-6°	2.11	2.35	60.4		80.5		
	1.83	4.00	83.3		86.1		
	1.53	5.60	104.3		80.5		



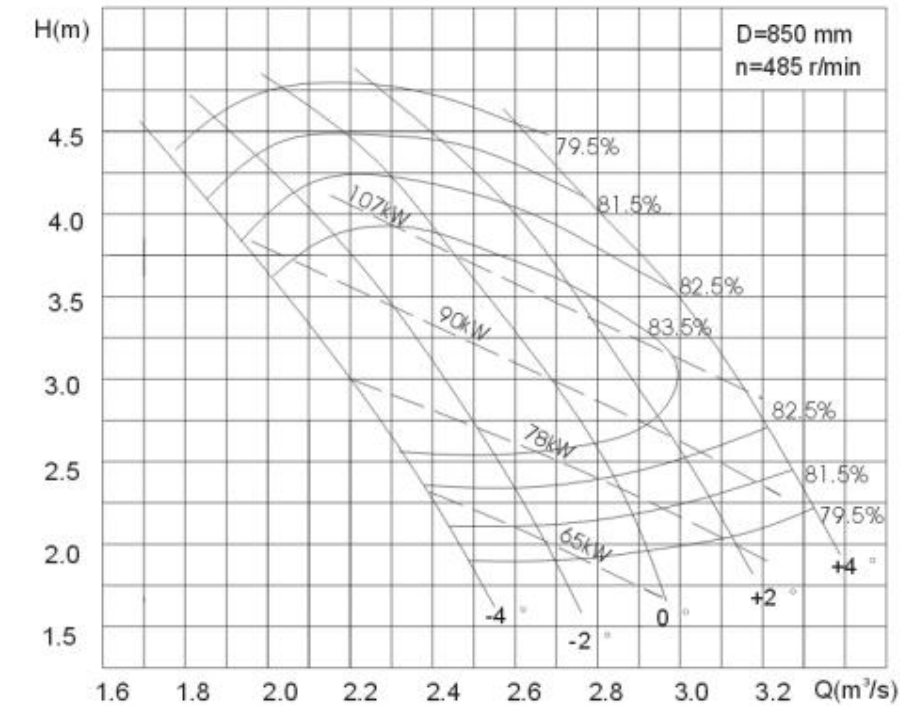


# ZLB(Q)系列轴流泵

900ZLB-100 型轴流泵工作性能曲线  
Performance Curves for 900ZLB-100 Axial-flow Pump



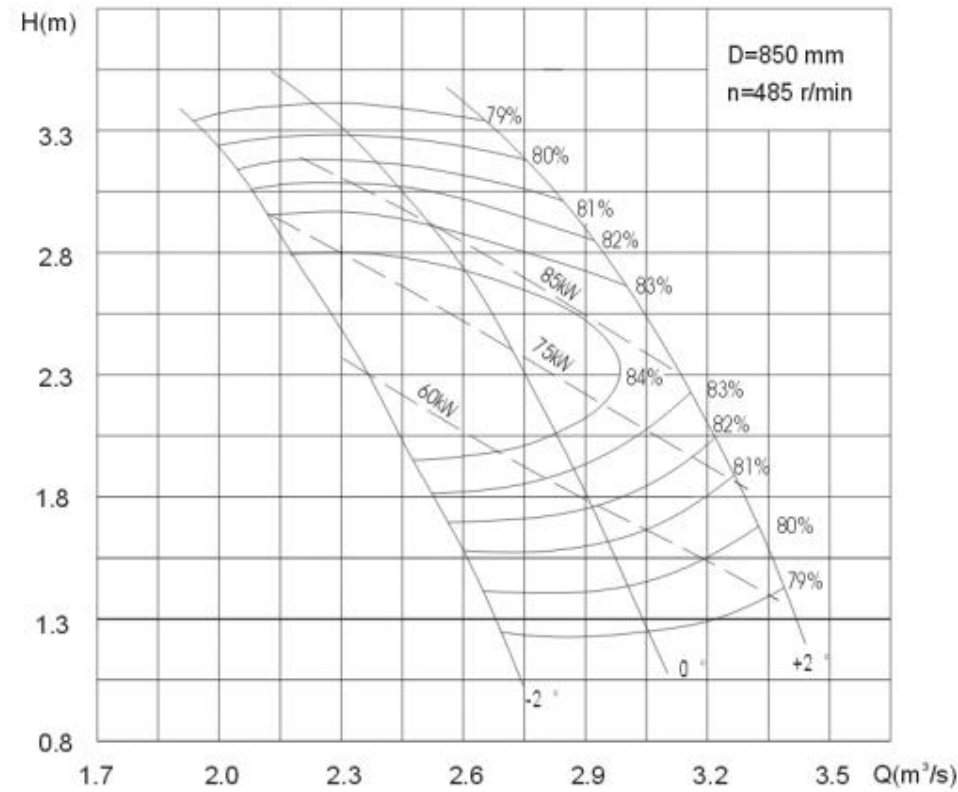
900ZLB-125 型轴流泵工作性能曲线  
Performance Curves for 900ZLB-125 Axial-flow Pump



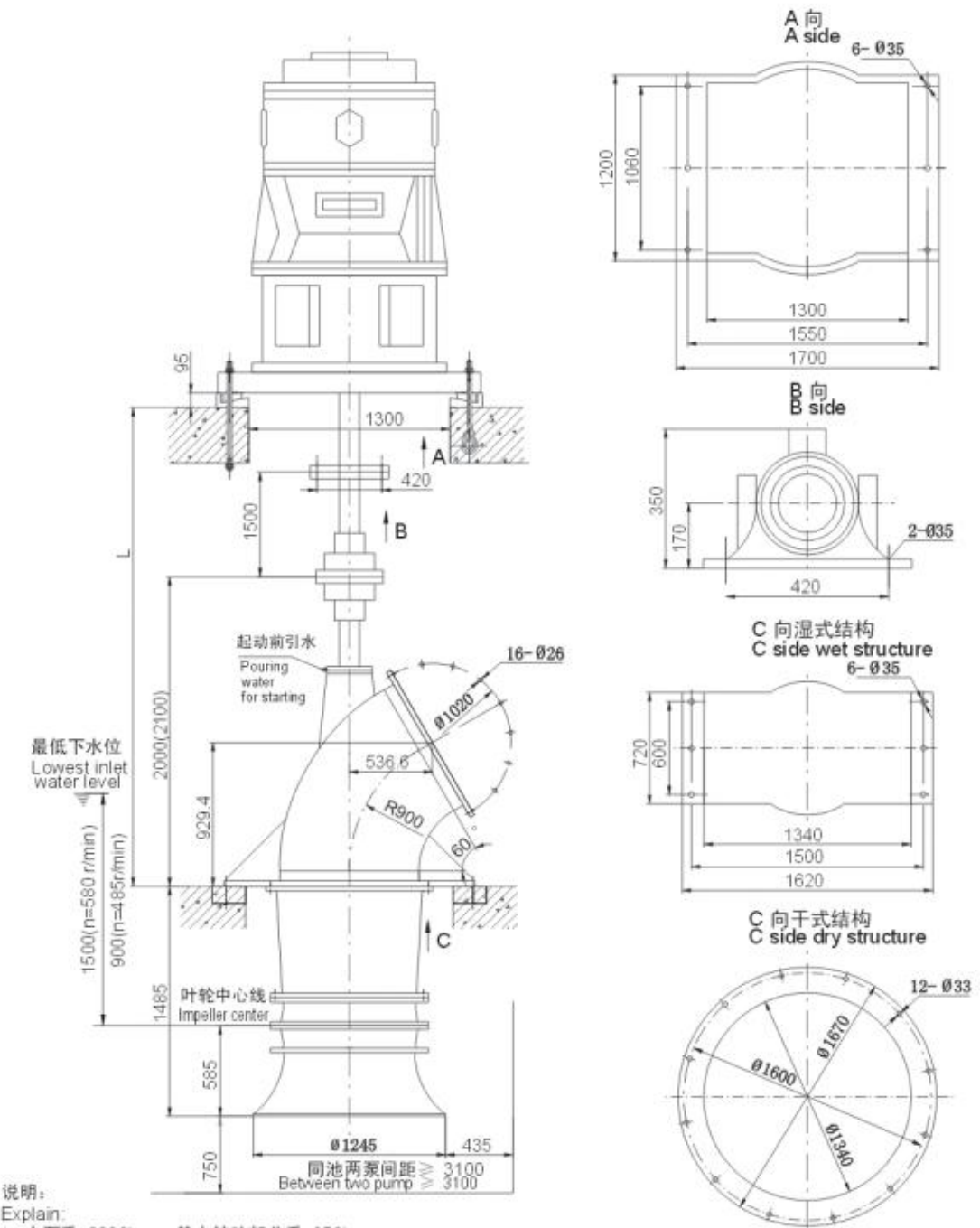
叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	3.73	3.80	585	172.5	315	80.5	850
	3.46	5.50		241.3		87.0	
	2.86	8.65		301.0		80.5	
+2°	3.55	3.40		146.9		80.5	
	3.28	5.10		188.4		87.0	
	2.57	9.00		280.9		80.5	
0°	3.35	3.10		126.4	80.5	260	
	3.06	5.00		172.3	87.0		
	2.35	9.00		257.4	80.5		
-2°	3.12	2.95		110.6	80.5		
	2.76	5.35		166.3	87.0		
	2.25	8.50		213.1	80.5		
-4°	2.81	3.40	115.5	81.0			
	2.55	5.50	155.4	88.5			
	2.10	8.28	210.5	81.0			
-6°	2.55	3.40	106.4	80.5			
	2.30	5.50	144.0	86.1			
	1.90	8.02	185.5	80.5			

叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	3.34	2.20	485	90.3	155	79.7	850
	3.04	3.25		115.7		83.7	
	2.80	4.00		135.0		81.3	
+2°	3.12	2.06		79.0		79.7	
	2.82	3.20		103.9		84.5	
	2.45	4.35		128.5		81.3	
0°	2.91	1.96		69.9	79.7	130	
	2.61	3.25		95.7	84.9		
	2.20	4.48		116.6	81.3		
-2°	2.68	1.90		62.6	79.7		
	2.35	3.25		86.7	84.9		
	1.92	4.40		104.5	81.3		
-4°	2.48	1.86	56.7	79.7			
	2.20	3.00	76.5	84.5			
	1.82	4.20	97.7	81.3			

900ZLB-160 型轴流泵工作性能曲线  
Performance Curves for 900ZLB-160 Axial-flow Pump



叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
+2°	3.28	1.6	485	64.5	130	80.0	850
	3.06	2.4		86.3		83.5	
	2.83	3.0		102.5		81.2	
0°	3.00	1.4		51.6	100	80.0	
	2.70	2.4		75.2		84.5	
	2.48	3.0		88.5		82.5	
-2°	2.70	1.2		40.5	76.9	78.5	
	2.30	2.4		64.1		84.5	
	1.95	3.2		76.9		79.5	



说明:

Explain:

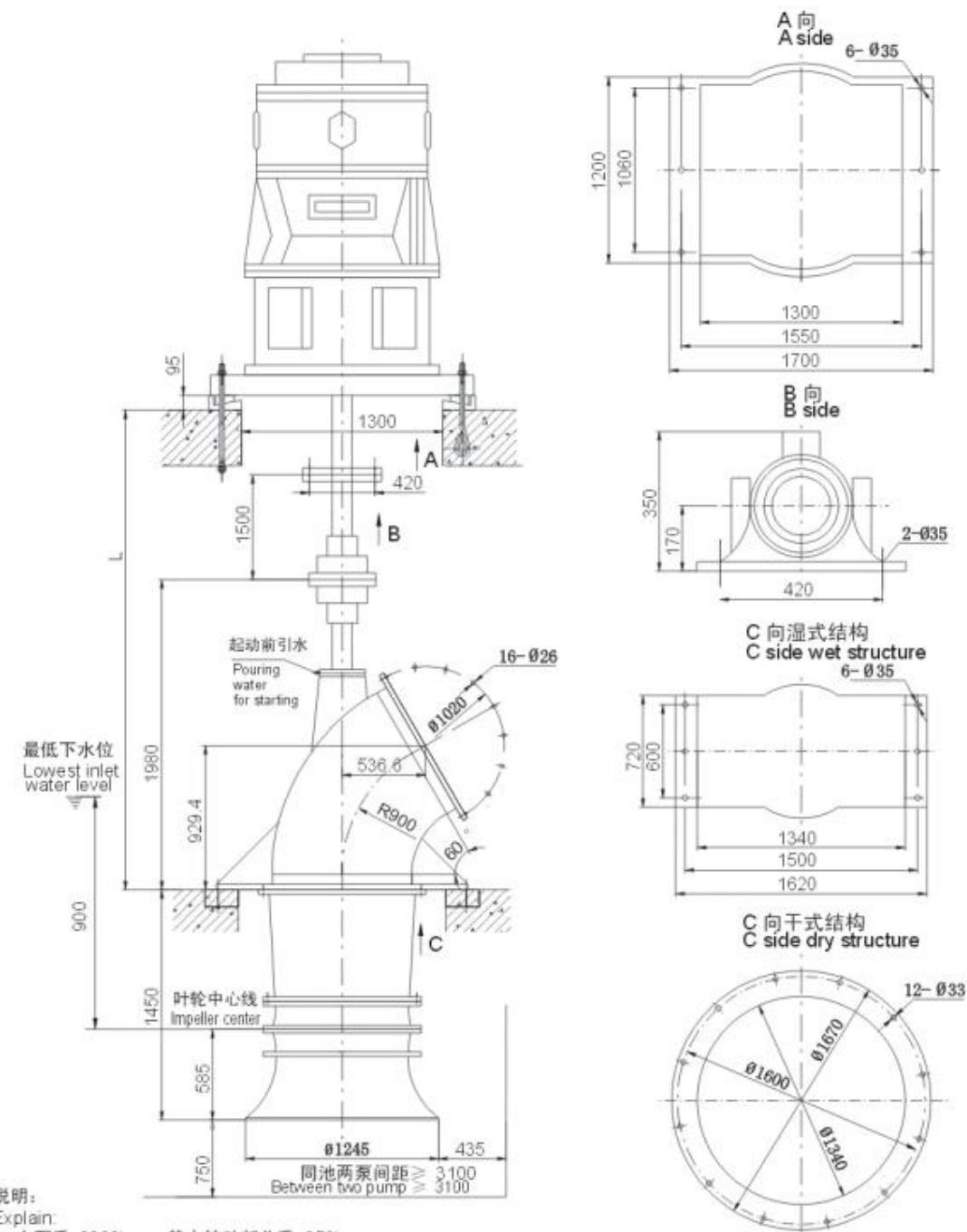
1. 水泵重 2200kg, 其中转动部分重 650kg  
1. Pump weight 2200kg, among rotating parts weight 650kg
2. 传动装置重 1900kg  
2. Gearing weight 1900kg
3. 最大轴向水推力 3500kg  
3. Maximum axial thrust of 3500kg
4. L=2500 ~ 6000mm, 当 L ≥ 4500mm 时, 应加中间传动  
4. L=2500 ~ 6000mm, when L ≥ 4500mm to add intermediate transmission

900ZLB(Q)-100、900ZLB-70、900ZLB-70A(H) 型轴流泵外形安装图

Erection View for 900ZLB(Q)-100、900ZLB-70、900ZLB-70A(H) Pump of Direct Coupling Type

注: ( ) 内为 900ZLQ-100 型轴流泵尺寸  
Data in ( ) are dimensions for 900ZLQ-100 pump



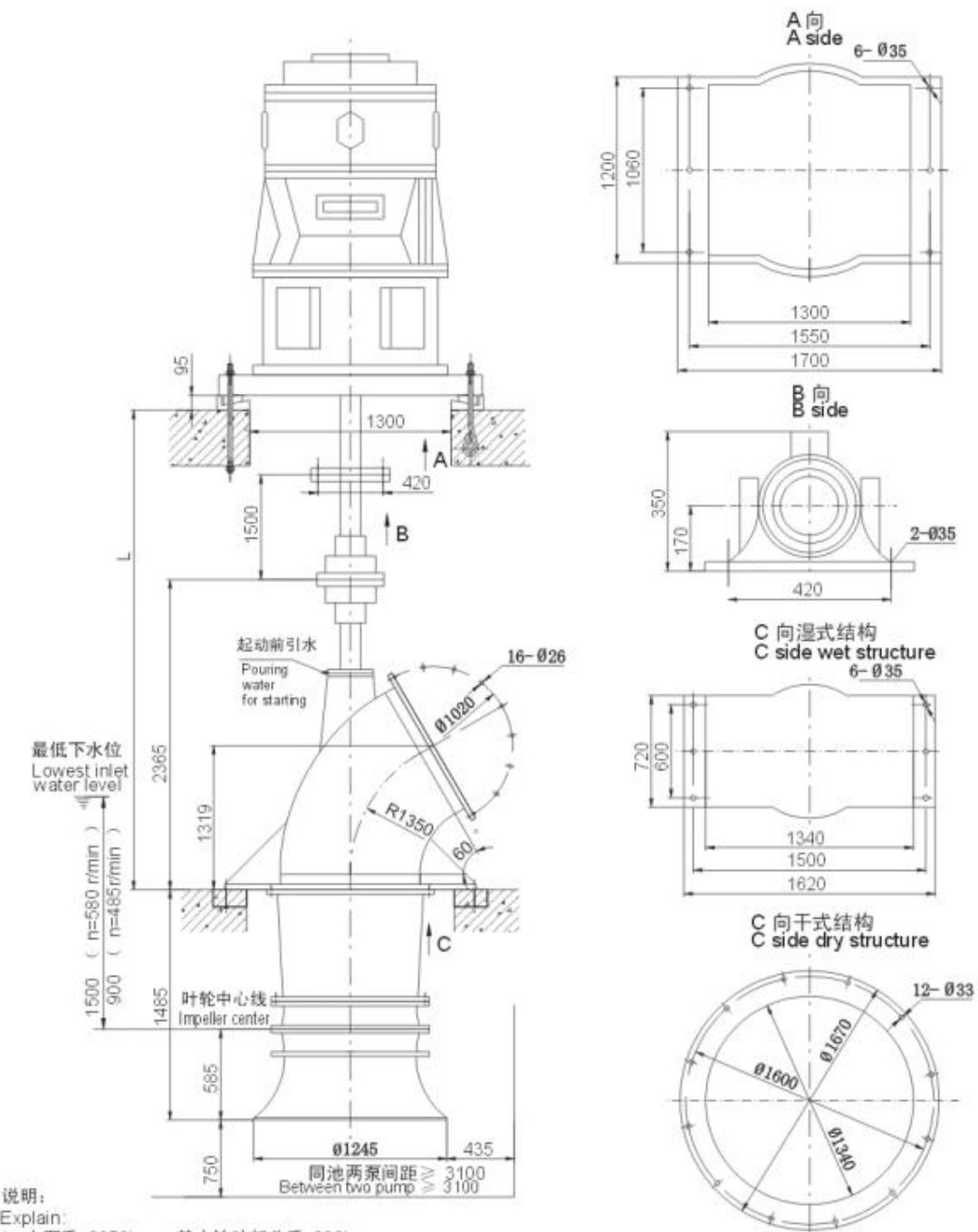


说明:

Explain:

1. 水泵重 2200kg, 其中转动部分重 650kg  
1. Pump weight 2200kg, among rotating parts weight 650kg
2. 传动装置重 1900kg  
2. Gearing weight 1900kg
3. 最大轴向水推力 3200kg  
3. Maximum axial thrust of 3200kg
4. L=2500 ~ 6000mm, 当 L ≥ 4500mm 时, 应加中间传动  
4. L=2500 ~ 6000mm, when L ≥ 4500mm to add intermediate transmission

900ZLB-85 型轴流泵外形安装图  
Erection View for 900ZLB-85 Pump of Direct Coupling Type

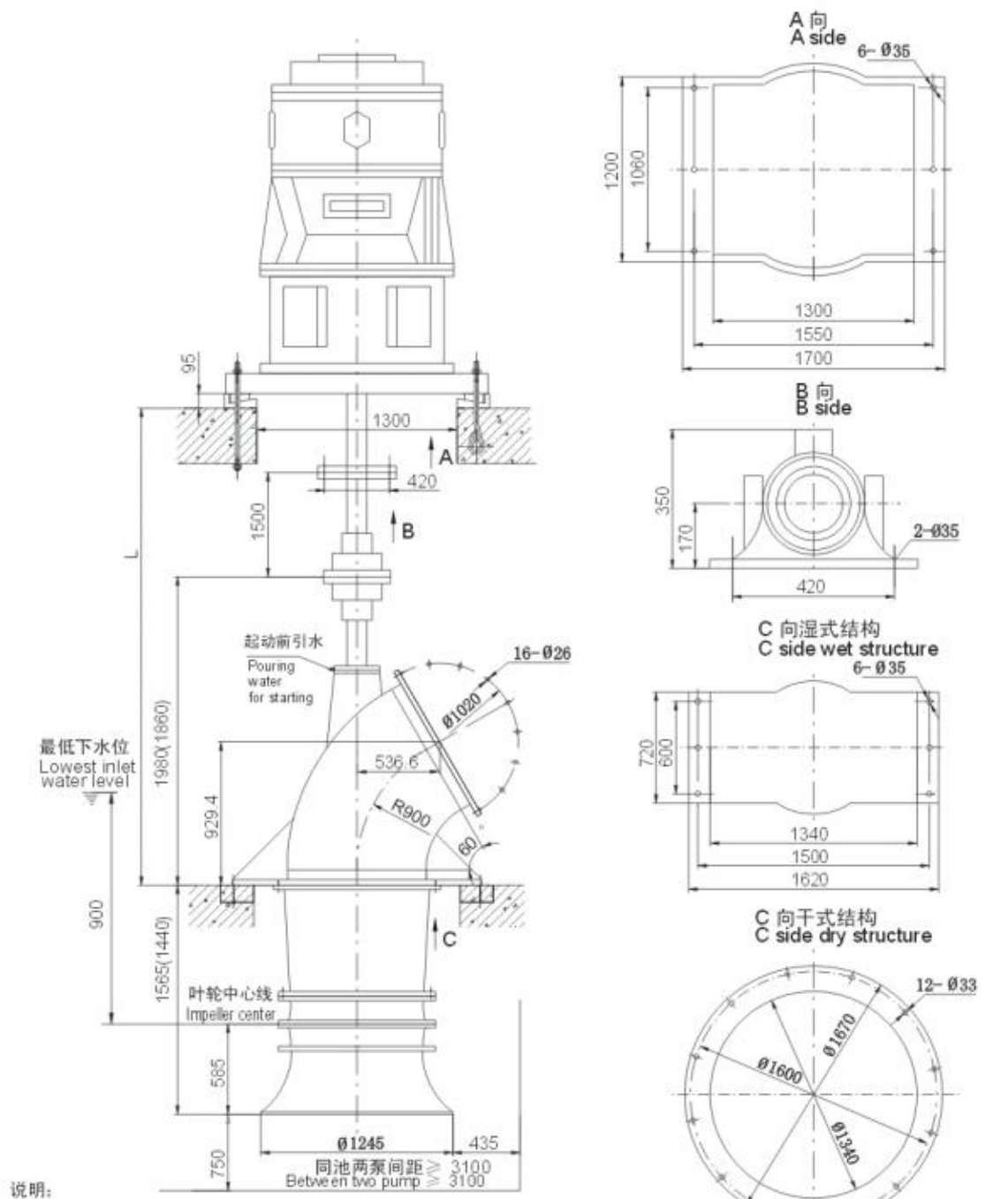


说明:

Explain:

1. 水泵重 2850kg, 其中转动部分重 800kg  
1. Pump weight 2850kg, among rotating parts weight 800kg
2. 传动装置重 1900kg  
2. Gearing weight 1900kg
3. 最大轴向水推力 3800kg  
3. Maximum axial thrust of 3800kg
4. L=2500 ~ 6000mm, 当 L ≥ 4500mm 时, 应加中间传动  
4. L=2500 ~ 6000mm, when L ≥ 4500mm to add intermediate transmission

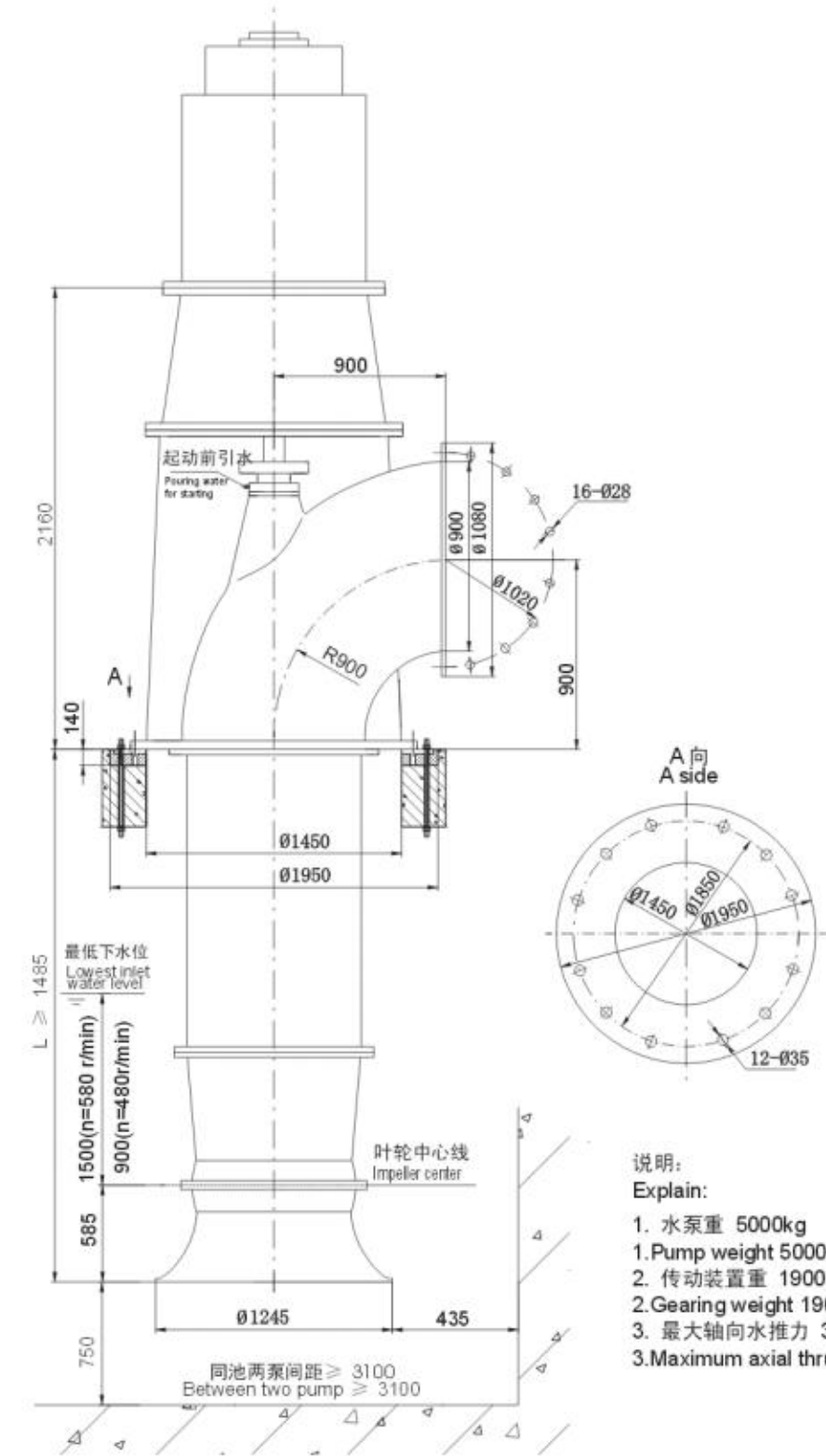
900ZLQ-85 型轴流泵外形安装图  
Erection View for 900ZLQ-85 Pump of Direct Coupling Type



- 说明:  
Explain:
1. 水泵重 2300kg, 其中转动部分重 650kg  
1. Pump weight 2300kg, among rotating parts weight 650kg
  2. 传动装置重 1900kg  
2. Gearing weight 1900kg
  3. 最大轴向水推力 3000kg  
3. Maximum axial thrust of 3000kg
  4. L=2500 ~ 6000mm, 当 L ≥ 4500mm 时, 应加中间传动  
4. L=2500 ~ 6000mm, when L ≥ 4500mm to add intermediate transmission

注: ( ) 内为 900ZLB-160 型轴流泵尺寸  
Data in ( ) are dimensions for 900ZLB-160 pump

900ZLB-125、900ZLB-160 型轴流泵外形安装图  
Erection View for 900ZLB-125、900ZLB-160 Pump of Direct Coupling Type

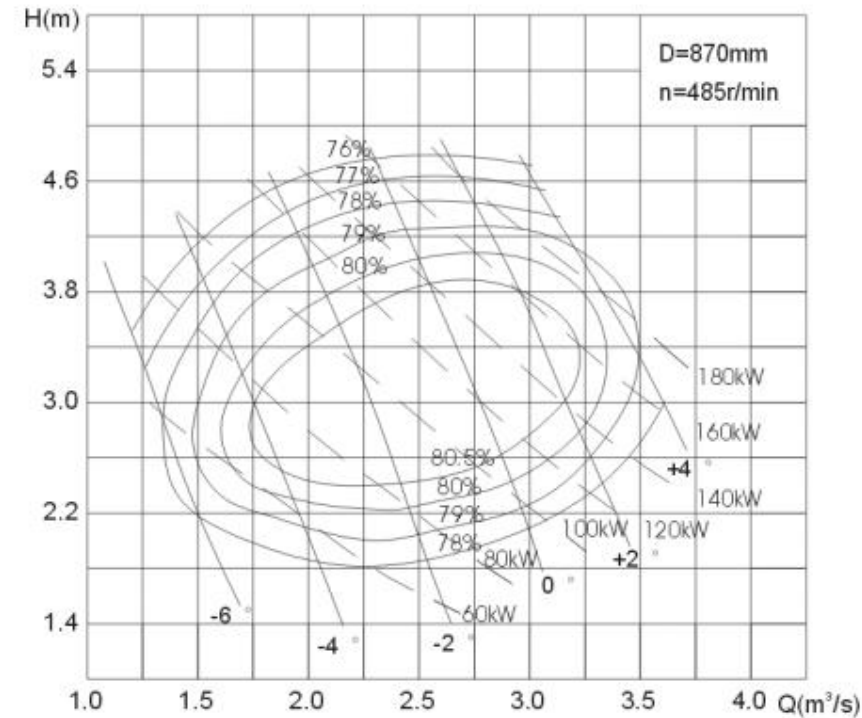


- 说明:  
Explain:
1. 水泵重 5000kg  
1. Pump weight 5000kg
  2. 传动装置重 1900kg  
2. Gearing weight 1900kg
  3. 最大轴向水推力 3500kg  
3. Maximum axial thrust of 3500kg

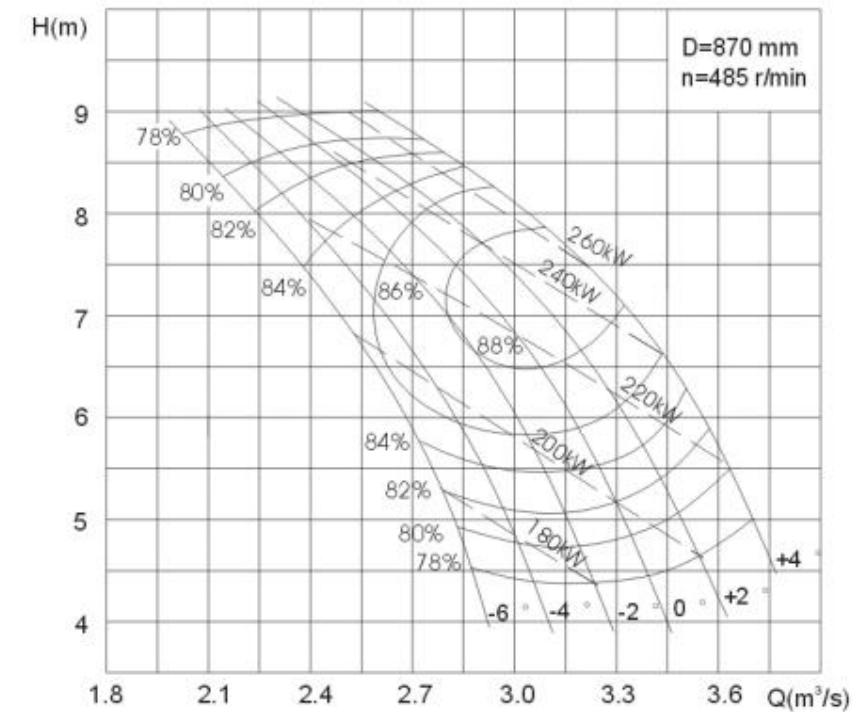
900ZLB-70DP 型轴流泵外形安装图  
Erection View for 900ZLB-70DP Pump of Direct Coupling Type



40ZLB-125 型轴流泵工作性能曲线  
Performance Curves for 40ZLB-125 Axial-flow Pump



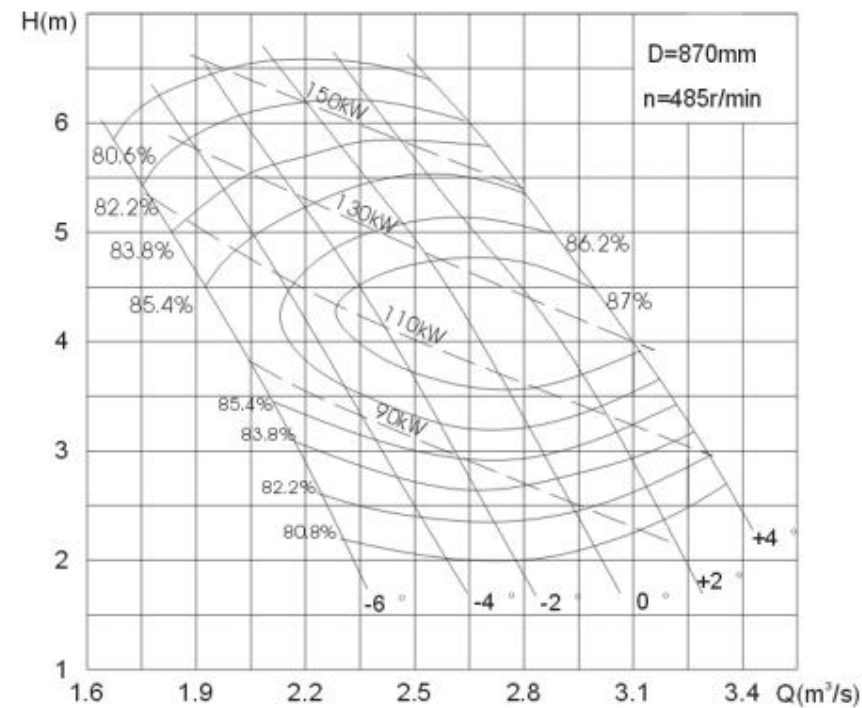
1000ZLB-7 型轴流泵工作性能曲线  
Performance Curves for 1000ZLB-7 Axial-flow Pump



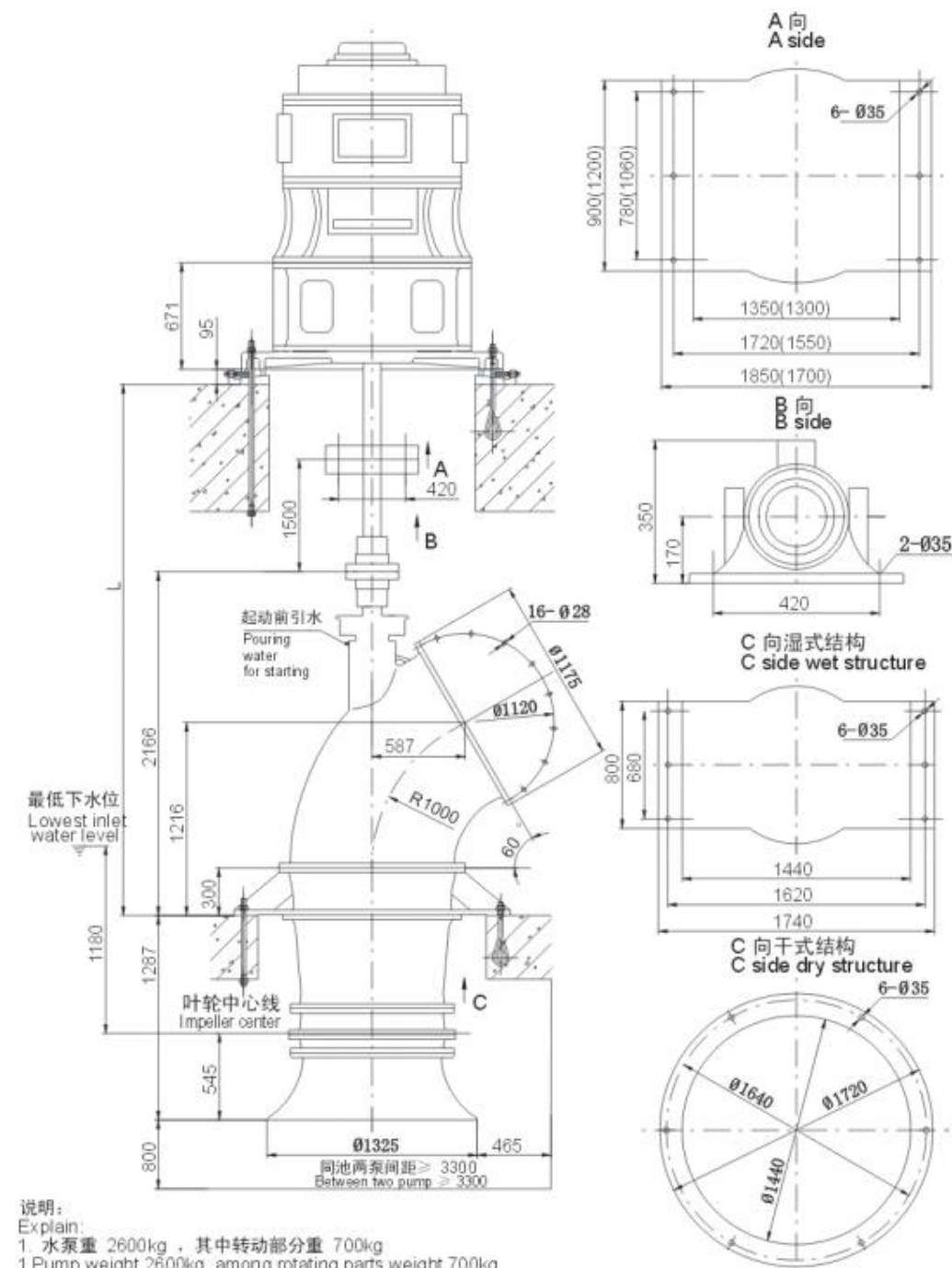
叶片安放角度 Vance Angle (β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	2.92	4.75	485	179.1	210	76.0	870
	3.32	3.80		155.6		79.5	
	3.63	2.82		130.4		77.0	
+2°	2.63	4.80		162.7	180	76.1	
	3.11	3.42		127.2		81.3	
	3.42	2.22		96.8		76.2	
0°	2.31	4.82		142.9	155	76.1	
	2.62	3.44		108.1		81.5	
	3.00	2.00		75.9		77.5	
-2°	1.82	4.60		108.4	130	75.8	
	2.25	3.18		86.4		81.2	
	2.55	1.80		58.3		77.2	
-4°	1.48	4.21	80.7	80	75.7		
	1.75	3.00	64.1		80.5		
	2.08	1.80	47.2		77.8		
-6°	1.13	3.80	56.1		75.1		
	1.39	2.60	45.2		78.5		
	1.64	1.80	37.6		77.1		

叶片安放角度 Vance Angle (β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	3.64	5.30	485	242.4	330	78.0	870
	3.20	7.50		272.8		86.2	
	2.65	8.87		295.3		78.0	
	3.53	4.78		212.0		78.0	
+2°	3.12	7.00		246.6	280	86.8	
	2.35	8.97		264.8		78.0	
	3.40	4.42		188.8		78.0	
0°	2.96	7.00		233.9	280	86.8	
	2.29	8.98		251.3		78.0	
	3.27	4.31		177.2		78.0	
	2.83	6.80		218.8		86.2	
-2°	2.17	8.95		244.0	280	78.0	
	3.08	4.40	170.3	78.0			
	2.74	6.50	205.1	85.1			
-4°	2.08	8.87	231.8	280	78.0		
	2.90	4.55	165.8		78.0		
	2.55	6.60	197.5		83.5		
-6°	2.00	8.78	220.6		78.0		

1000ZLB-4 型轴流泵工作性能曲线  
Performance Curves for 1000ZLB-4 Axial-flow Pump



叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	3.35	2.80	485	114.0	210	80.6	870
	3.03	4.35		148.5		87.0	
	2.55	6.40		198.4		80.6	
+2°	3.19	2.50		96.9		80.6	
	2.80	4.40		138.8		87.0	
	2.30	6.55		183.2		80.6	
0°	3.00	2.27		82.8	80.6		
	2.64	4.20		124.9	87.0		
	2.13	6.60		170.9	80.6		
-2°	2.78	2.16		73.0	80.6		
	2.42	4.20		114.5	87.0		
	1.92	6.50		151.7	80.6		
-4°	2.56	2.20	68.4	180	80.6		
	2.25	4.00	102.3	86.2			
	1.79	6.25	136.0	80.6			
-6°	2.30	2.32	64.9	155	80.6		
	2.04	4.00	95.2	84			
	1.66	5.85	118.1	80.6			



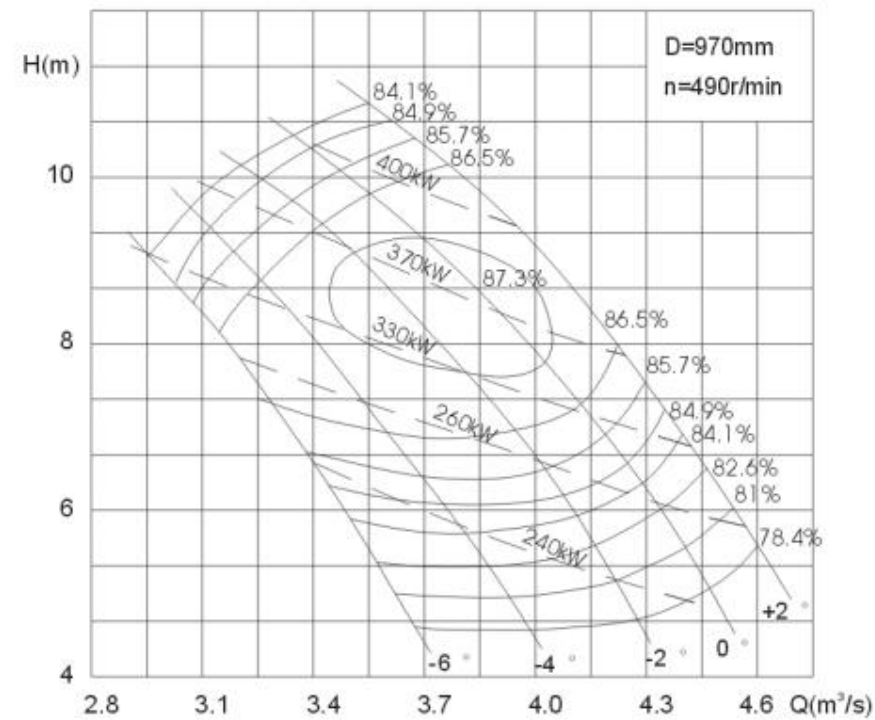
说明:  
Explain:  
1. 水泵重 2600kg, 其中转动部分重 700kg  
1.Pump weight 2600kg, among rotating parts weight 700kg  
2. 传动装置重 1900kg  
2.Gearing weight 1900kg  
3. 最大轴向水推力 4000kg  
3.Maximum axial thrust of 4000kg  
4.L=2400 ~ 6000mm, 当 L ≥ 4500mm 时, 应加中间传动  
4.L=2400 ~ 6000mm, when L ≥ 4500mm to add intermediate transmission

注: ( ) 内为 1000ZLB-7(4) 型轴流泵尺寸  
Data in ( ) are dimensions for 1000ZLB-7(4) pump

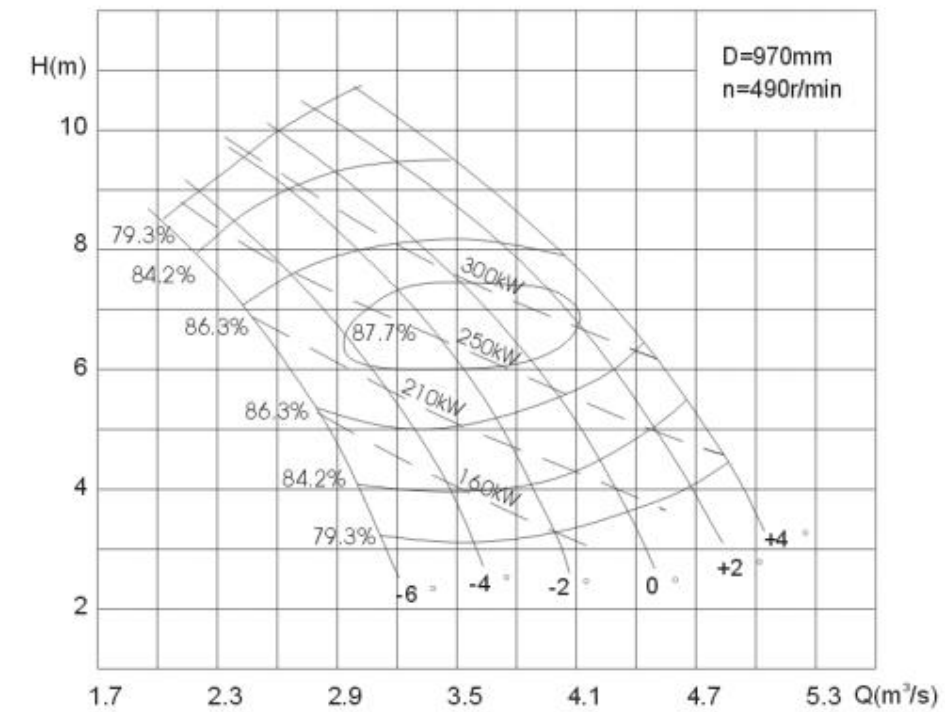
40ZLB-125、1000ZLB-7、1000ZLB-4 型轴流泵外形安装图  
Erection View for 40ZLB-125、1000ZLB-7、1000ZLB-4 Pump of Direct Coupling Type



1200ZLB-70(G) 型轴流泵工作性能曲线  
Performance Curves for 1200ZLB-70(G) Axial-flow Pump



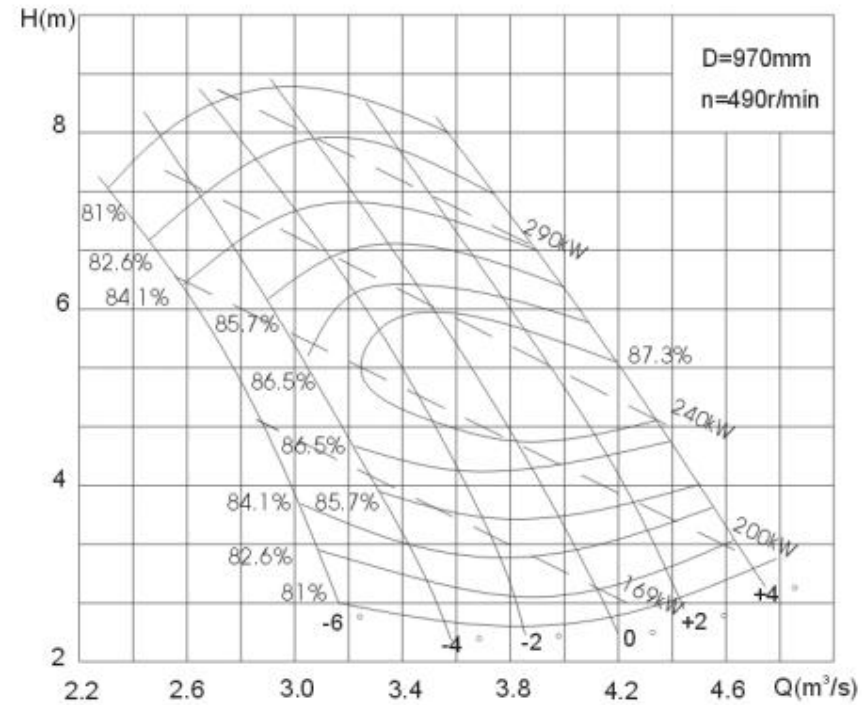
1200ZLB-85(G) 型轴流泵工作性能曲线  
Performance Curves for 1200ZLB-85(G) Axial-flow Pump



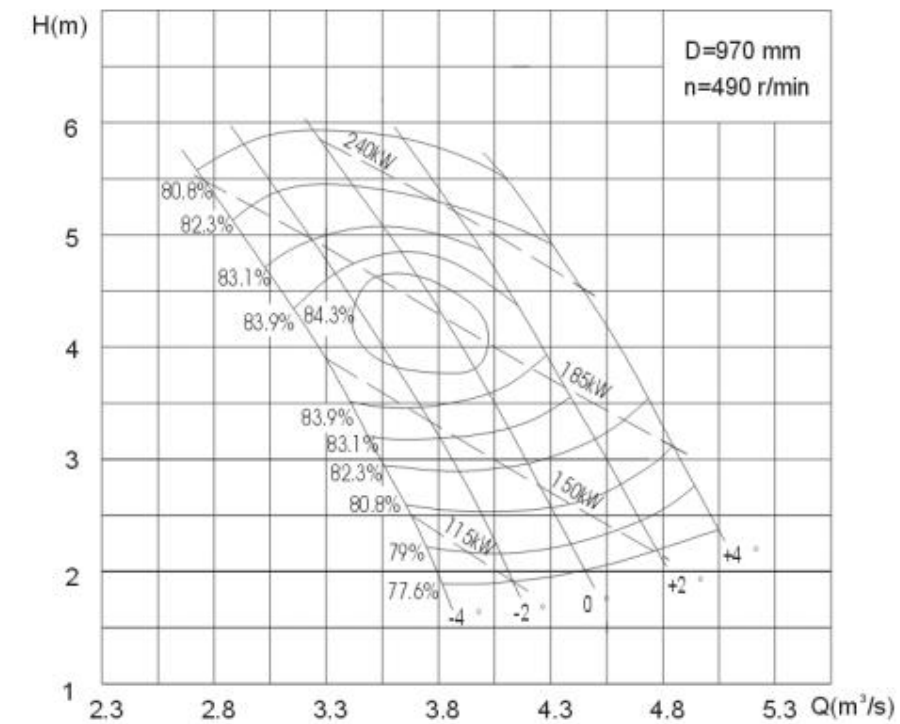
叶片安放角度 Vance Angle( $\beta$ )	流量Q Capacity ( $m^3/s$ )	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 $\eta$ Eff (%)	叶轮直径 Impeller Di. (mm)	
+2°	4.04	9.00	490	409.6	440	87.0	970	
	3.53	10.95		450.4		84.1		
0°	4.50	4.86		269.9		440		79.4
	3.88	8.50		370.2				87.3
-2°	3.35	10.5		409.9		400		84.1
	4.28	4.66		246.2				79.4
-4°	3.64	8.50		347.3	400			87.3
	3.22	10.10		378.9				84.1
-6°	3.98	4.60		225.9	400			79.4
	3.46	8.00		311.8				87.0
	3.08	9.60		344.5	400	84.1		
	3.66	4.70		212.3		79.4		
	3.22	7.70	280.9	400	86.5			
	2.96	9.04	311.8		84.1			

叶片安放角度 Vance Angle( $\beta$ )	流量Q Capacity ( $m^3/s$ )	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 $\eta$ Eff (%)	叶轮直径 Impeller Di. (mm)	
+4°	4.90	4.25	490	257.3	400	79.3	970	
	4.30	7.00		339.8		86.8		
	3.15	10.35		402.9		79.3		
+2°	4.67	4.08		235.4		400		79.3
	4.10	6.80		311.5				87.7
	2.90	10.13		363.0				79.3
0°	4.35	3.65		196.2	330	79.3		
	3.70	6.80		281.1		87.7		
	2.66	9.85		323.8		79.3		
-2°	3.98	3.30		162.3		330		79.3
	3.40	6.60		250.7				87.7
	2.50	9.45		303.6				79.3
-4°	3.58	3.20	141.5	280	79.3			
	3.00	6.40	214.5		87.7			
	2.19	9.05	244.9		79.3			
-6°	3.10	3.25	124.5	280	79.3			
	2.60	6.30	184.9		86.8			
	2.00	8.55	211.3		79.3			

1200ZLB-100(G) 型轴流泵工作性能曲线  
Performance Curves for 1200ZLB-100(G) Axial-flow Pump



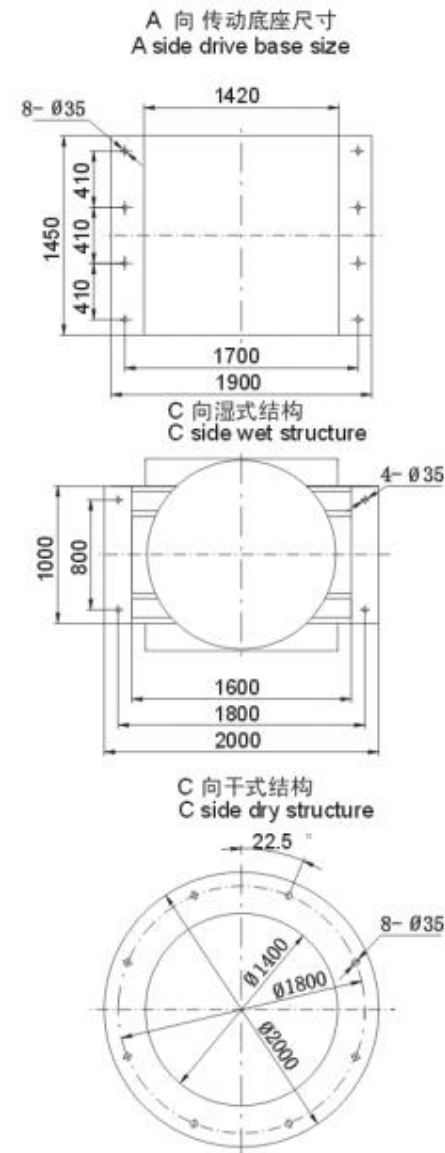
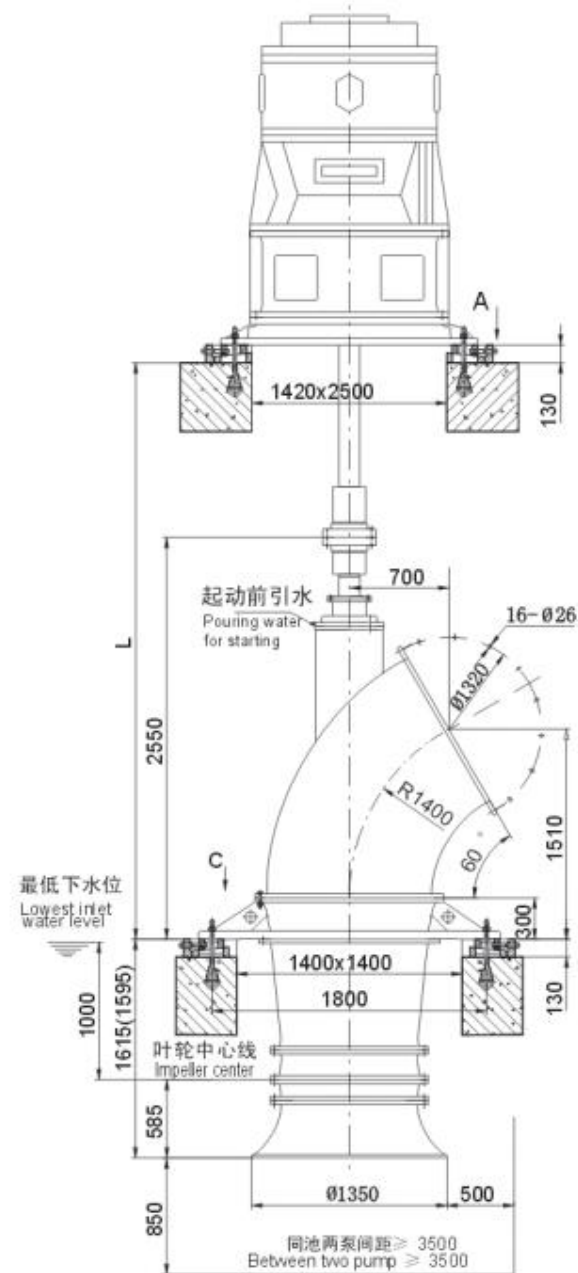
1200ZLB-125(G) 型轴流泵工作性能曲线  
Performance Curves for 1200ZLB-125(G) Axial-flow Pump



叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	4.69	3.55	490	201.4	280	81.0	970
	4.19	5.50		261.8		87.3	
	3.56	8.05		346.7		81.0	
+2°	4.38	3.15		172.7		81.0	
	3.95	5.50		243.9		87.3	
	3.24	8.30		325.4		81.0	
0°	4.10	2.88		146.3	81.0	260	
	3.66	5.50		225.9	87.3		
	2.96	8.40		300.8	81.0		
-2°	3.88	2.75		129.1	81.0		
	3.42	5.35		207.3	86.5		
	2.68	8.30		269.1	81.0		
-4°	3.58	2.80	121.3	81.0			
	3.18	5.00	180.1	86.5			
	2.50	8.05	243.5	81.0			
-6°	3.11	2.97	115.7	81.0			
	2.80	5.30	172.9	84.1			
	2.33	7.45	210.0	81.0			

叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
+4°	5.10	2.43	490	156.5	280	77.6	970
	4.60	4.12		225.7		82.3	
	4.20	5.44		277.1		80.8	
+2°	4.75	2.20		132.0		77.6	
	4.20	4.22		207.0		83.9	
	3.70	5.75		258.0		80.8	
0°	4.43	2.00		111.9	77.6	260	
	3.70	4.45		191.4	84.3		
	3.24	5.95		233.8	80.8		
-2°	4.10	1.95		101.0	77.6		
	3.50	4.25		172.9	84.3		
	2.96	5.90		211.8	80.8		
-4°	3.80	1.90	91.2	77.6			
	3.29	4.00	154.2	83.9			
	2.76	5.60	187.5	80.8			

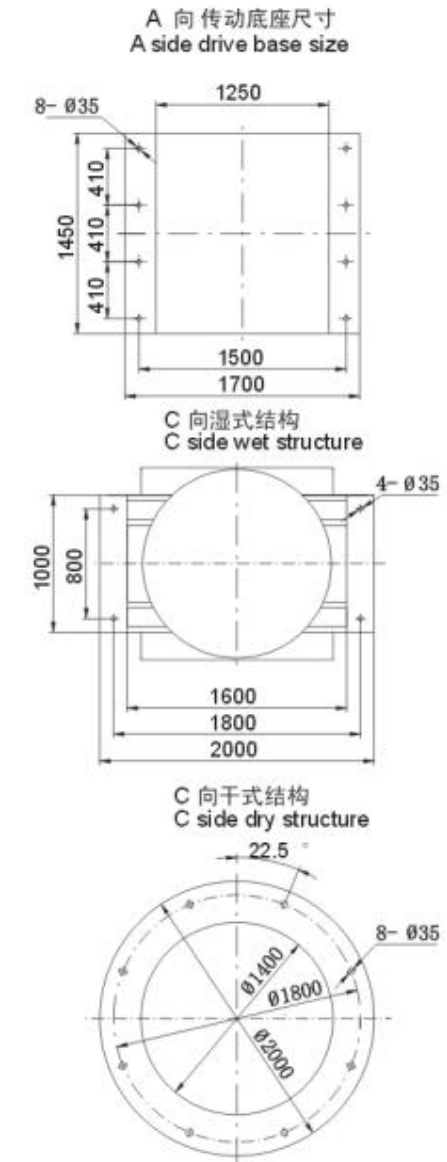
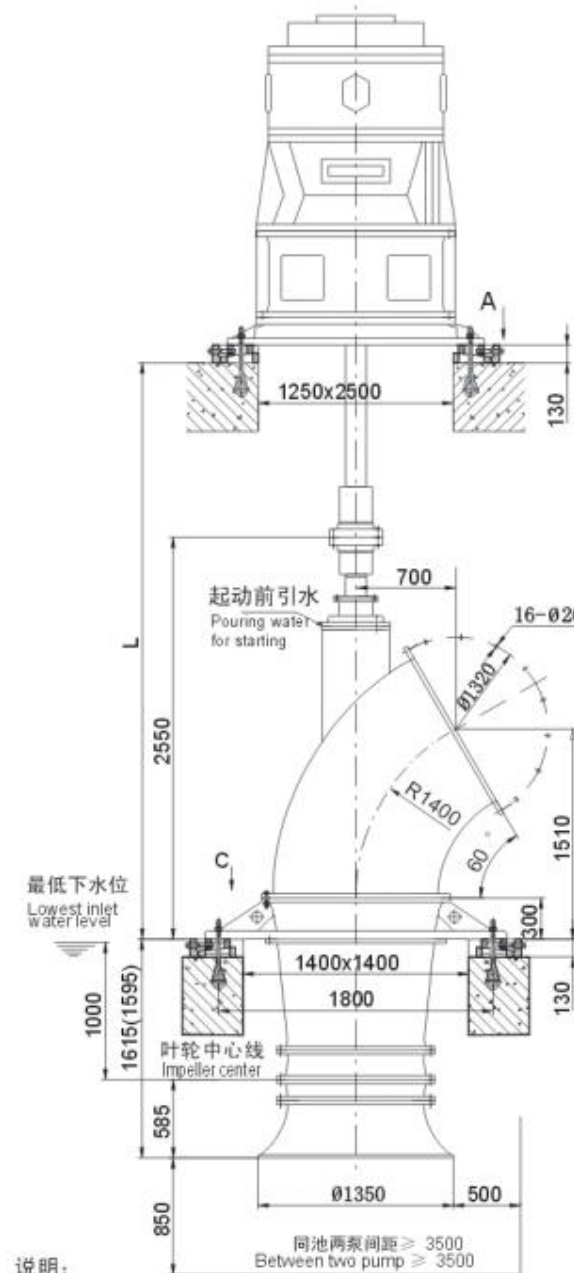




注：( ) 内的数据为 1200ZLB-70 的尺寸  
Data in ( ) are dimensions for 1200ZLB-70 pump

- 说明：  
Explain:
1. 水泵重 3900kg，其中转动部分重 1000kg  
1.Pump weight 3900kg, among rotating parts weight 1000kg
  2. 传动装置重 1955kg  
2.Gearing weight 1955kg
  3. 最大轴向水推力 6000kg  
3.Maximum axial thrust of 6000kg

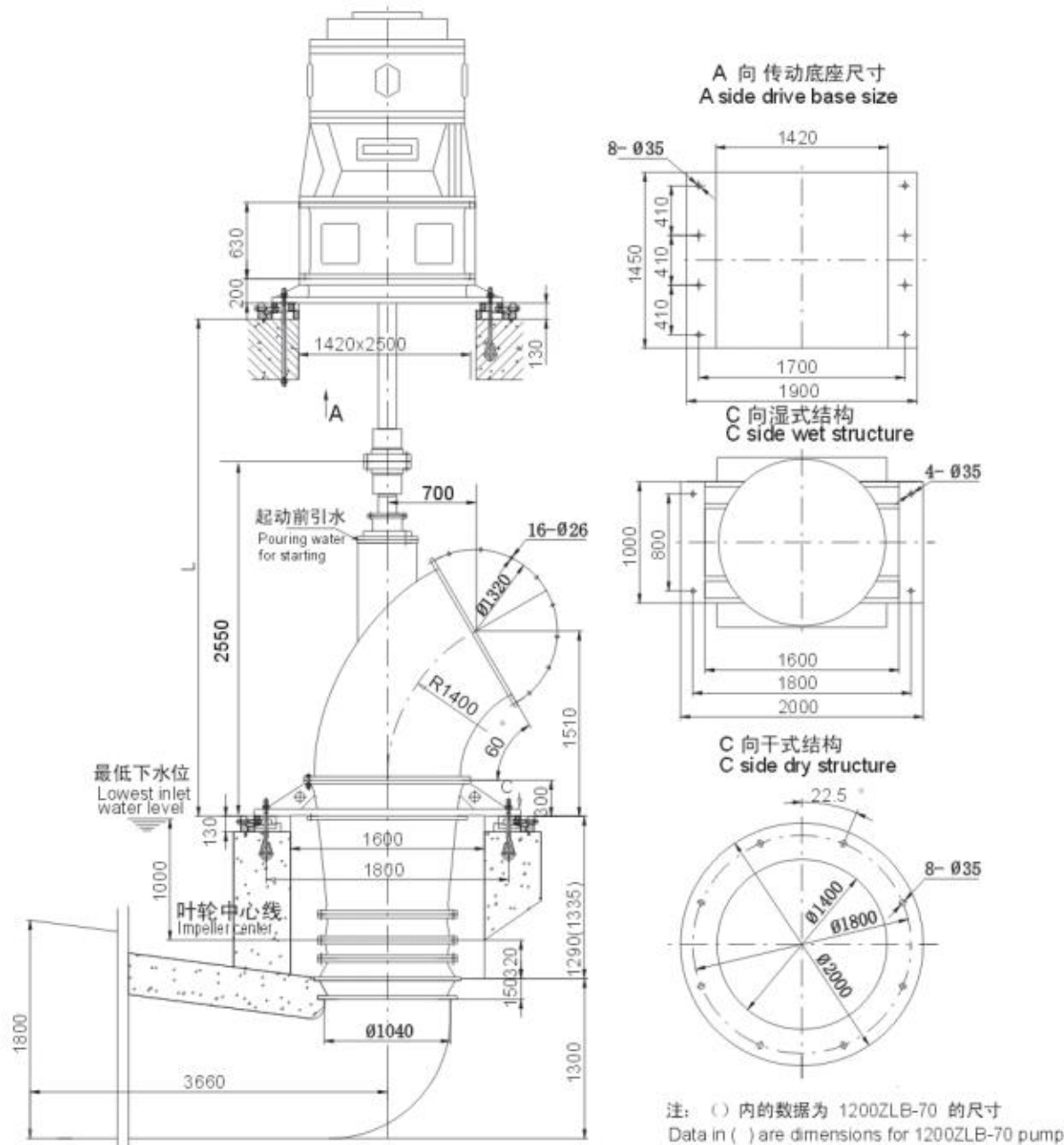
1200ZLB-70、1200ZLB-85、1200ZLB-100、1200ZLB-125 型轴流泵立式电机直接传动安装图  
Erection View for 1200ZLB-70、1200ZLB-85、1200ZLB-100、1200ZLB-125 Pump of Direct Coupling Type



注：( ) 内的数据为 1200ZLB-70G 的尺寸  
Data in ( ) are dimensions for 1200ZLB-70G pump

- 说明：  
Explain:
1. 水泵重 3900kg，其中转动部分重 1000kg  
1.Pump weight 3900kg, among rotating parts weight 1000kg
  2. 传动装置重 1955kg  
2.Gearing weight 1955kg
  3. 最大轴向水推力 6000kg  
3.Maximum axial thrust of 6000kg
  4. 现电机孔无法满足整泵吊装，请考虑另开吊物孔  
4.The motor hole can not meet the overall installation,must have other mounting holes

1200ZLB-70G、1200ZLB-85G、1200ZLB-100G、1200ZLB-125G 型轴流泵立式电机直接传动安装图  
Erection View for 1200ZLB-70G、1200ZLB-85G、1200ZLB-100G、1200ZLB-125G Pump of Direct Coupling Type

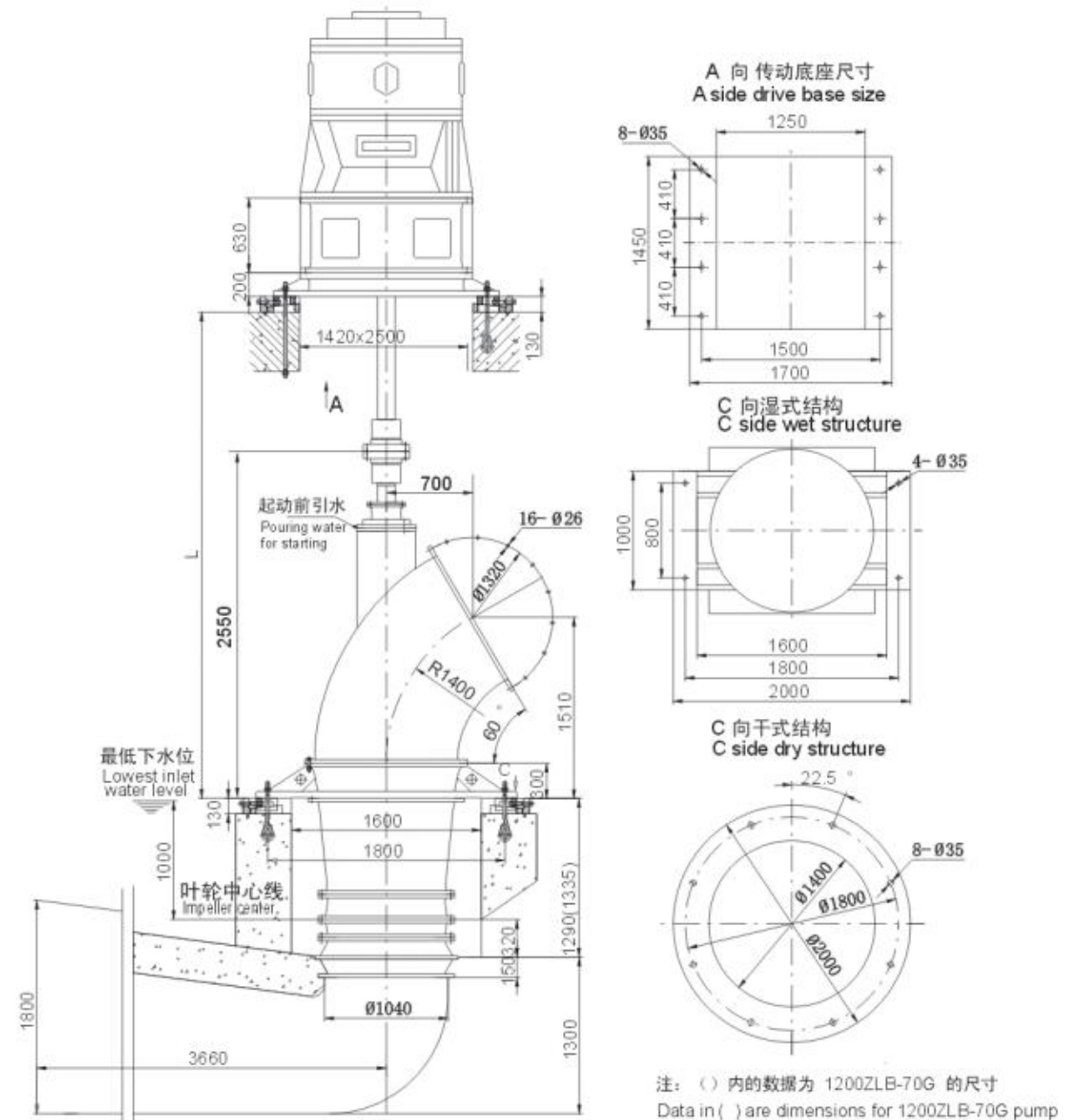


说明:

Explain:

1. 水泵重 3700kg, 其中转动部分重 1000kg  
1. Pump weight 3700kg, among rotating parts weight 1000kg
2. 传动装置重 1955kg  
2. Gearing weight 1955kg
3. 最大轴向水推力 6000kg  
3. Maximum axial thrust of 6000kg

1200ZLB-70、1200ZLB-85、1200ZLB-100、1200ZLB-125 型轴流泵立式电机直接传动安装图  
Erection View for 1200ZLB-70、1200ZLB-85、1200ZLB-100、1200ZLB-125 Pump of Direct Coupling Type



说明:

Explain:

1. 水泵重 3700kg, 其中转动部分重 1000kg  
1. Pump weight 3700kg, among rotating parts weight 1000kg
2. 传动装置重 1955kg  
2. Gearing weight 1955kg
3. 最大轴向水推力 6000kg  
3. Maximum axial thrust of 6000kg
4. 现电机孔无法满足整泵吊装, 请考虑另开吊物孔  
4. The motor hole can not meet the overall installation, must have other mounting holes

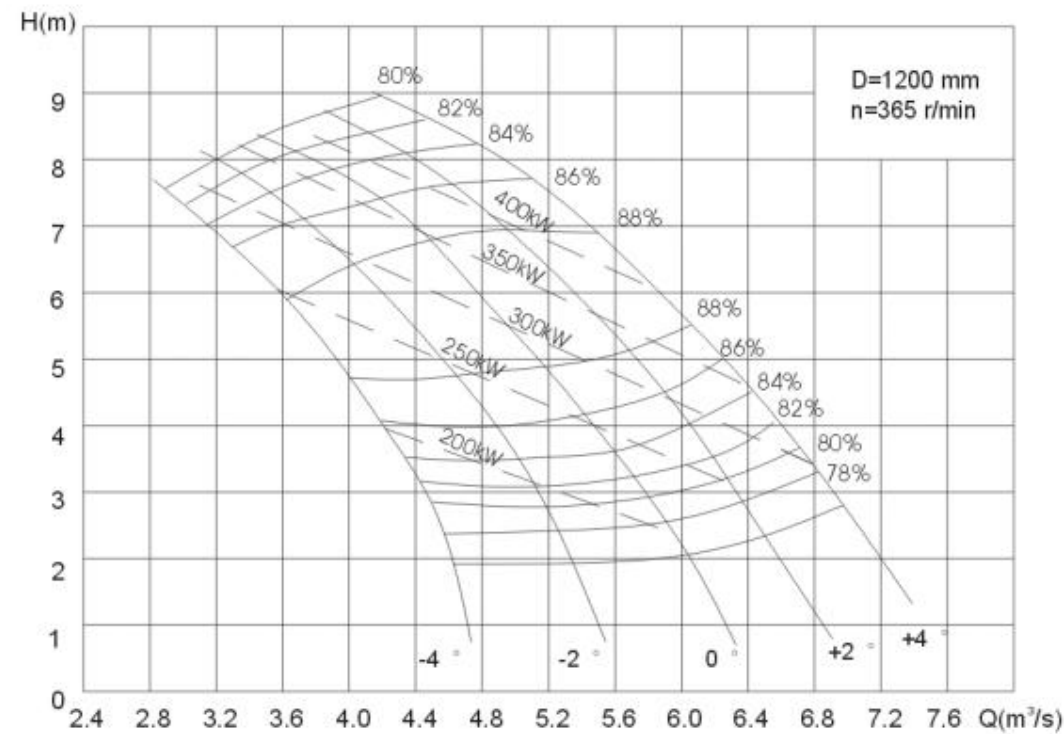
1200ZLB-70G、1200ZLB-85G、1200ZLB-100G、1200ZLB-125G 型轴流泵立式电机直接传动安装图  
Erection View for 1200ZLB-70G、1200ZLB-85G、1200ZLB-100G、1200ZLB-125G Pump of Direct Coupling Type



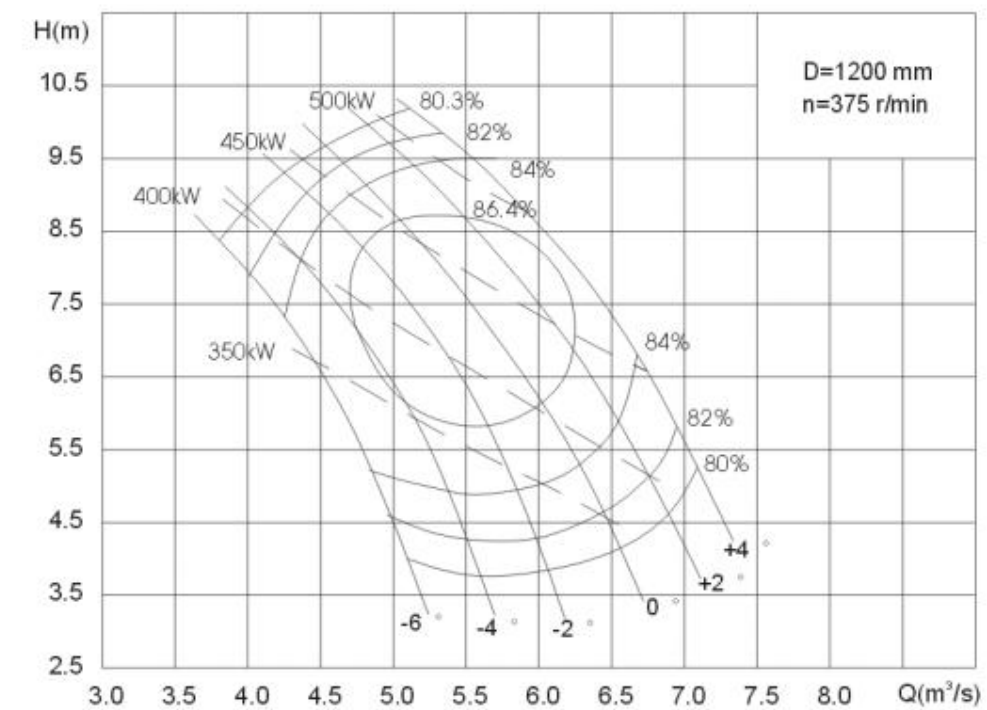


# ZLB(Q)系列轴流泵

1400ZLB(Q)5-5 型轴流泵工作性能曲线  
Performance Curves for 1400ZLB(Q)5-5 Axial-flow Pump



1400ZLB(Q)5.5-7.5 型轴流泵工作性能曲线  
Performance Curves for 1400ZLB(Q)5.5-7.5 Axial-flow Pump

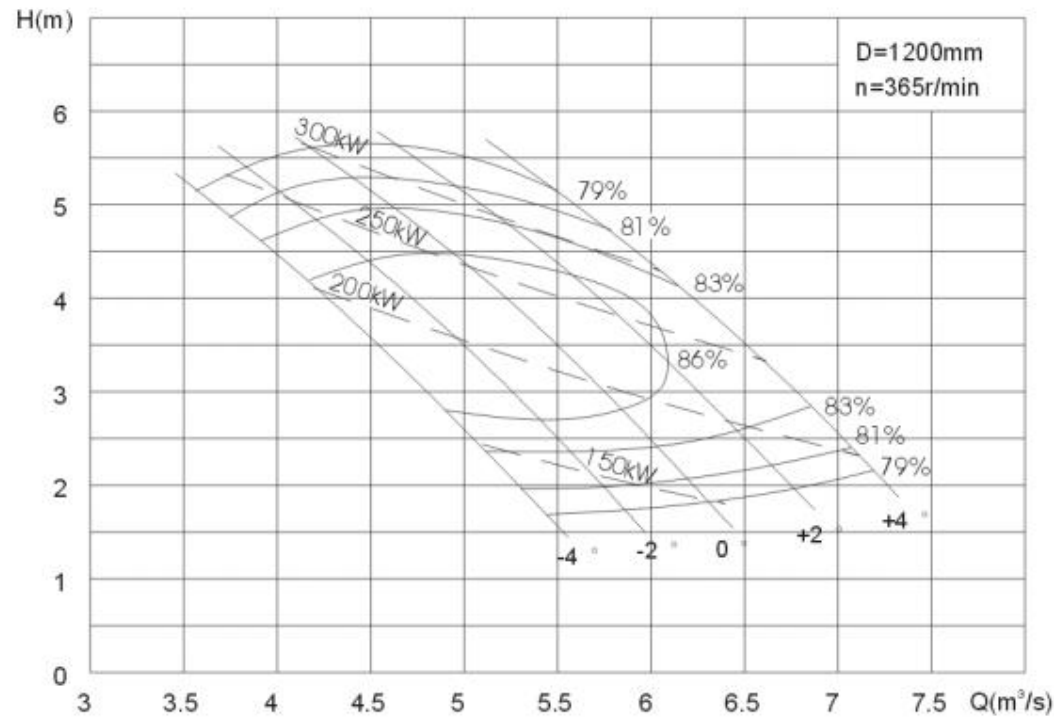


ZLB(Q) SERIES AXIAL FLOW PUMP

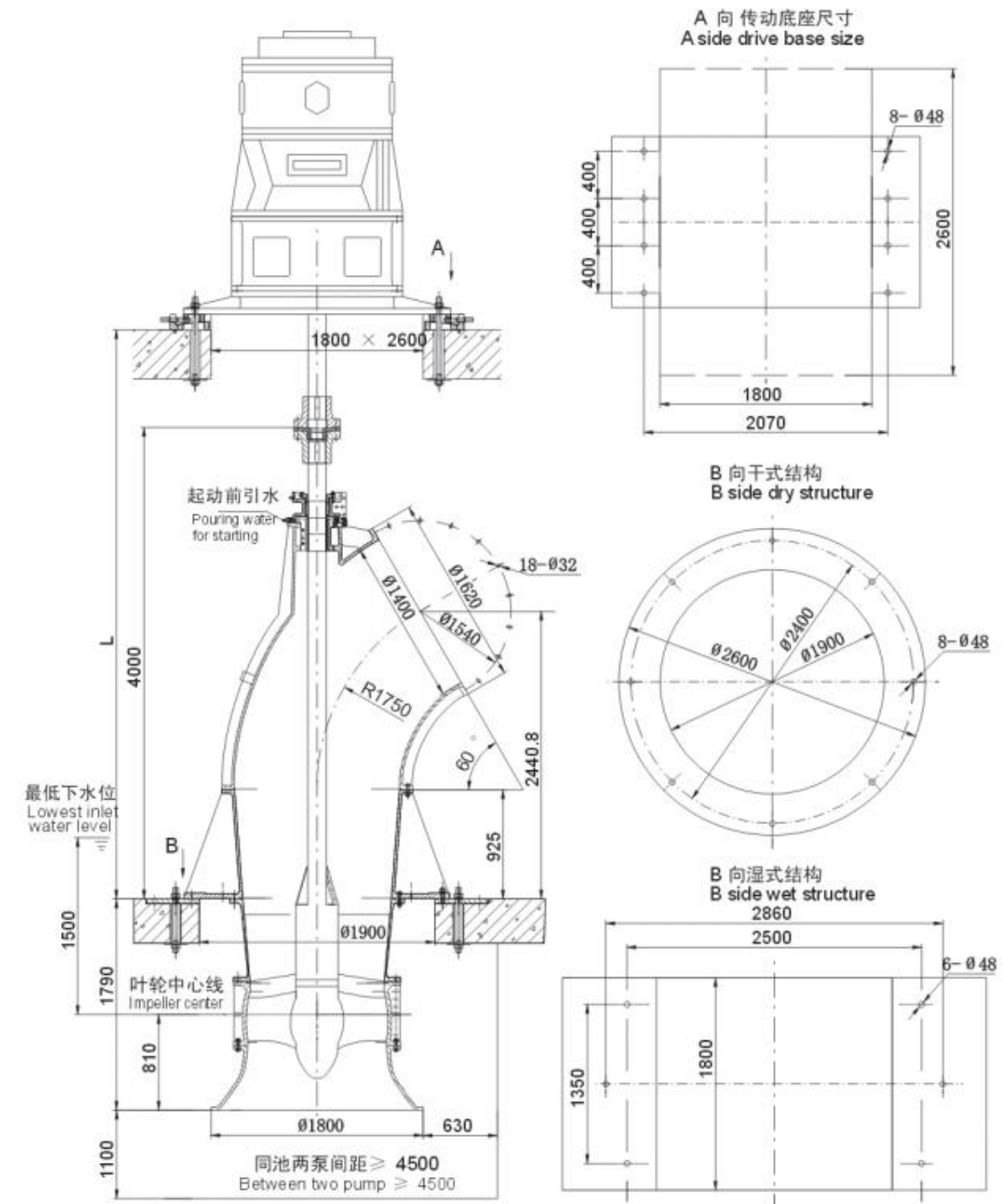
叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
-4°	2.98	7.35	365	265	310	81.8	1200
	3.91	5.01		218		88.2	
	4.45	2.98		161		81.8	
-2°	3.25	7.90		311	380	81.8	
	4.61	4.82		248		88.1	
	5.17	2.93		183		81.8	
0°	3.82	8.02		366	440	82.1	
	4.96	5.34		295		88.1	
	5.69	3.03		209		81.8	
+2°	4.35	8.05		424	440	81.8	
	5.52	5.50		338		88.1	
	6.24	3.32		250		81.8	
+4°	5.40	7.08	426	440	88.0		
	6.11	5.50	378		87.8		
	6.63	3.95	317		81.8		

叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)	
-6°	3.80	8.40	375	390	500	80.3	1200	
	4.65	6.00		323		84.8		
	5.00	4.50		275		80.3		
-4°	4.00	8.80		430		500		80.3
	5.00	6.40		363				86.4
	5.50	4.30		289				80.3
-2°	4.29	9.23		484	630	80.3		
	5.43	6.53		399		87.1		
	5.90	4.70		326		83.3		
0°	4.55	9.60		534		630		80.3
	5.86	6.74		445				87.1
	6.49	4.27		339				80.3
+2°	4.85	9.93		588	630	80.3		
	6.20	7.00		493		86.4		
	6.85	4.77		399		80.3		
+4°	5.13	10.17		637	630	80.3		
	6.42	7.60		564		84.8		
	7.05	5.40		465		80.3		

1400ZLB(Q)5.5-3.5 型轴流泵工作性能曲线  
Performance Curves for 1400ZLB(Q)5.5-3.5 Axial-flow Pump



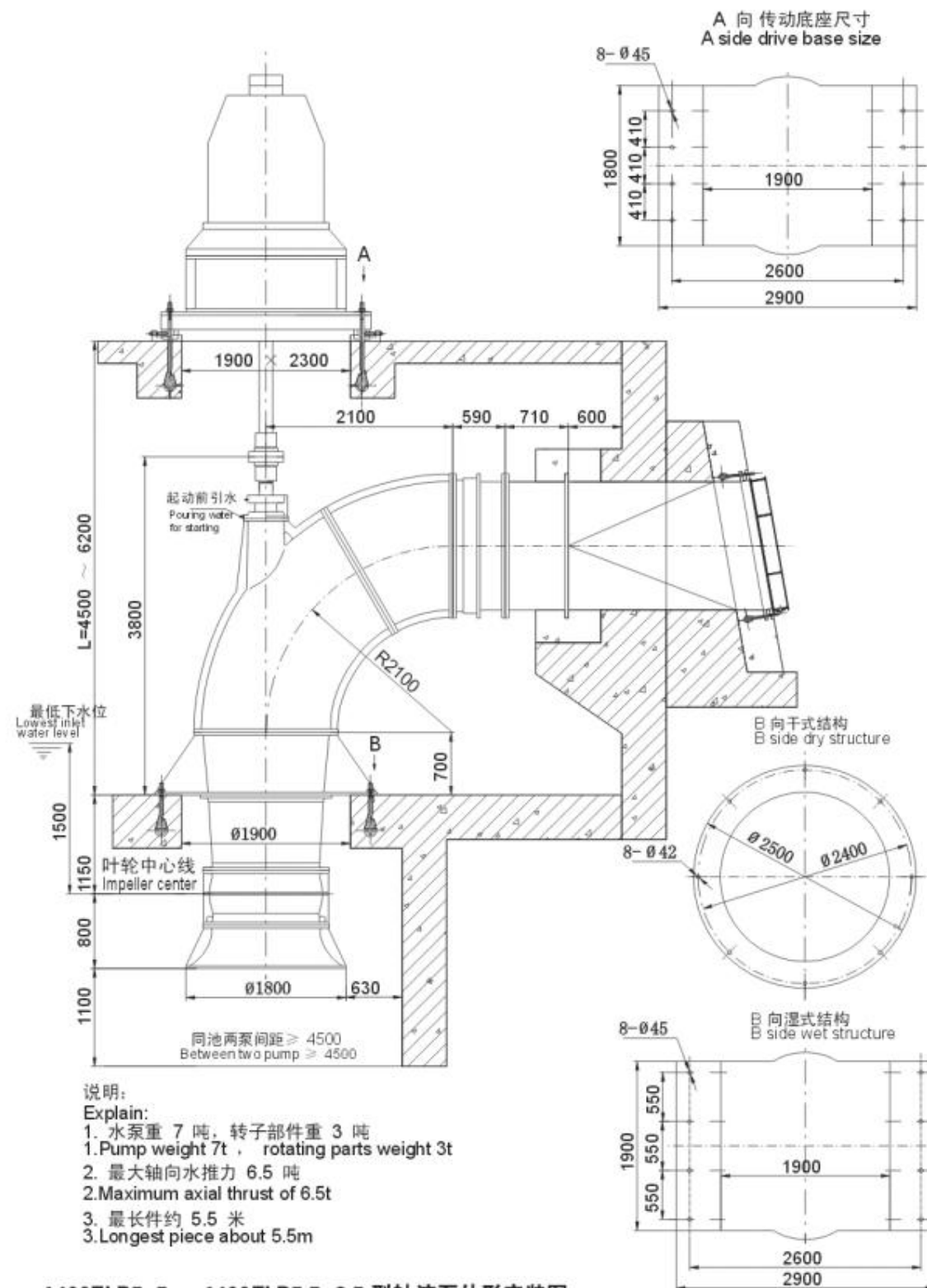
叶片安放角度 Vance Angle (β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 η Eff (%)	叶轮直径 Impeller Di. (mm)
-4°	3.60	5.18	365	230	310	79.6	1200
	4.60	3.46		181		86.1	
	5.37	1.90		127		79.7	
-2°	3.85	5.42		259		79.1	
	4.84	3.80		209		86.4	
	5.78	1.94		138		80.0	
0°	4.31	5.55		294	79.7		
	5.43	3.60		222	86.4		
	6.30	1.95		152	79.3		
+2°	4.84	5.50		329	79.4		
	5.80	3.87		255	86.2		
	6.80	1.94		166	77.8		
+4°	5.15	5.70	370	77.6			
	6.30	3.88	284	84.5			
	7.00	2.50	210	81.6			



1400ZLB(Q)5.5-7.5 型轴流泵外形安装图  
Erection View for 1400ZLB(Q)5.5-7.5 Pump of Direct Coupling Type

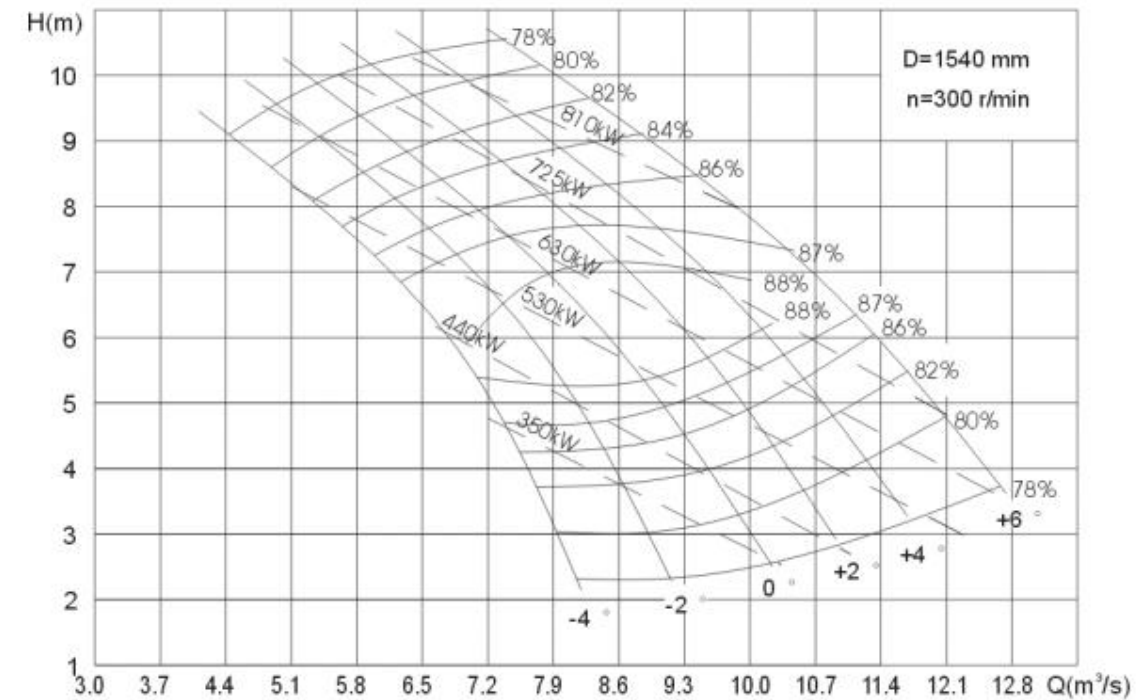
- 说明:  
Explain:
- 水泵重 12 吨, 传动装置重 3.2 吨  
1. Pump weight 12t, gearing weight 3.2t
  - 最大轴向水推力 10 吨  
2. Maximum axial thrust of 10t
  - 最长件约 5.5 米  
3. Longest piece about 5.5m





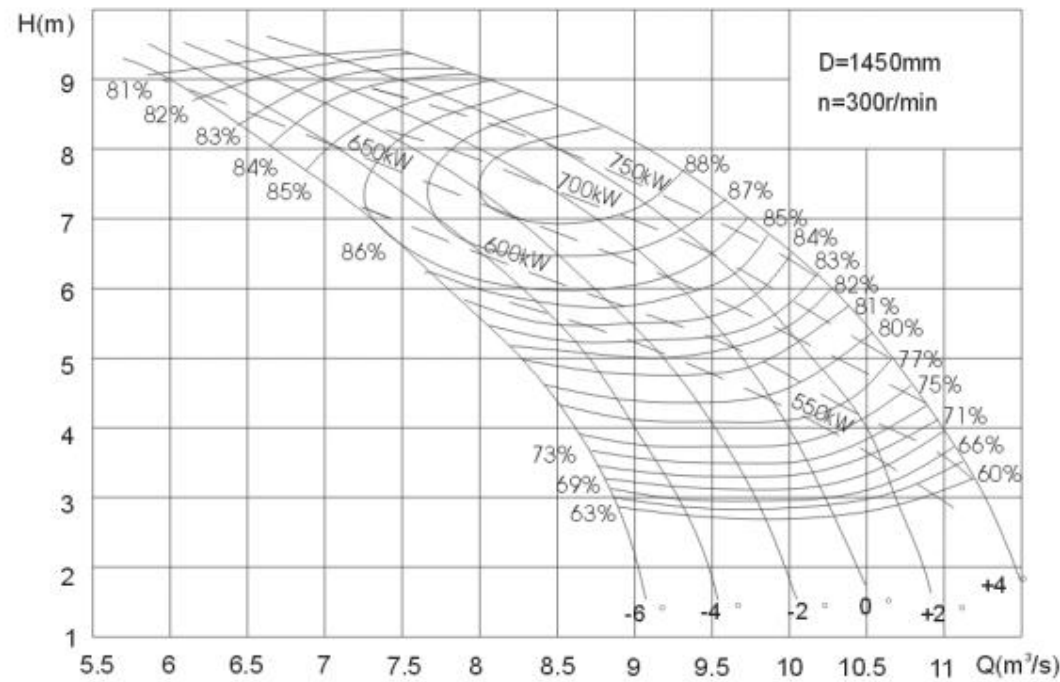
1400ZLB5-5、1400ZLB5.5-3.5 型轴流泵外形安装图  
Erection View for 1400ZLB5-5、1400ZLB5.5-3.5 Pump of Direct Coupling Type

1600ZLB(Q)-6 型轴流泵工作性能曲线  
Performance Curves for 1600ZLB(Q)-6 Axial-flow Pump

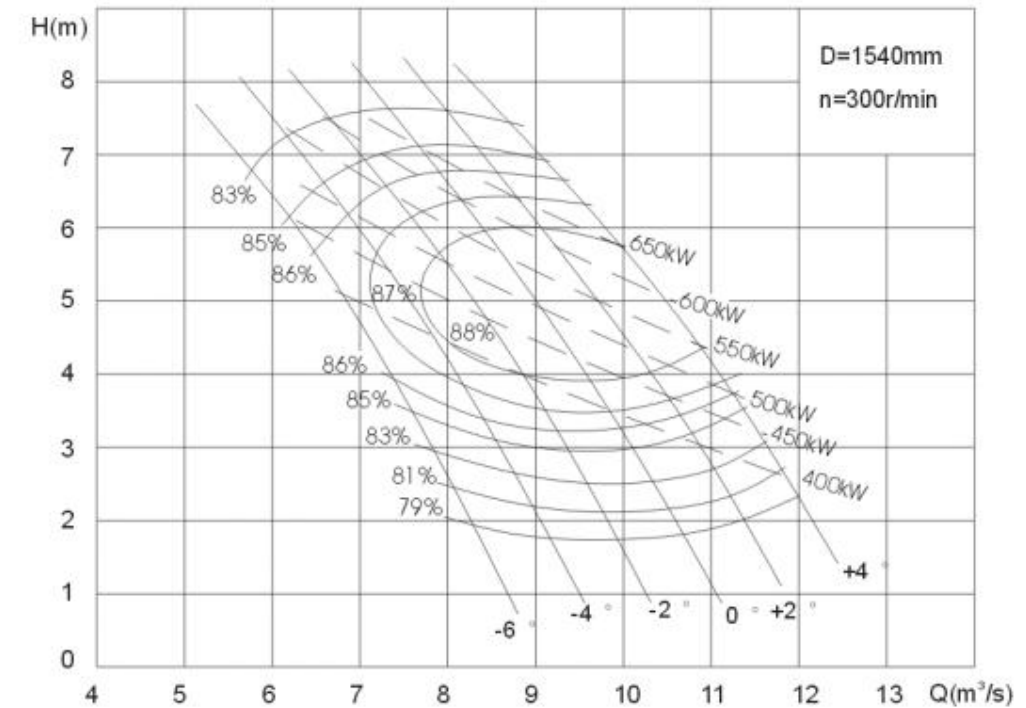


叶片安放角度 Vane Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
-4°	4.65	8.90	300	514	800	79.2	1540
	6.78	6.00		456		87.5	
	7.93	3.00		295		80.0	
-2°	5.45	9.00		601		80.5	
	7.63	6.00		510		88.4	
	8.89	3.00		327		80.2	
0°	5.72	9.50		625		79.0	
	8.45	6.00		565		88.4	
	10.00	3.00		373		79.0	
+2°	6.58	9.50		757		81.2	
	9.35	6.00		625		88.3	
	10.85	3.00		408		78.5	
+4°	9.22	7.50	780	87.2			
	10.20	6.00	690	87.8			
	11.60	3.50	511	78.2			
+6°	10.88	6.50	790	87.8			
	12.58	4.00	625	79.0			

1600ZLB(Q)8.5-7.5 型轴流泵工作性能曲线  
Performance Curves for 1600ZLB(Q)8.5-7.5 Axial-flow Pump



1600ZLB(Q)9-5 型轴流泵工作性能曲线  
Performance Curves for 1600ZLB(Q)9-5 Axial-flow Pump

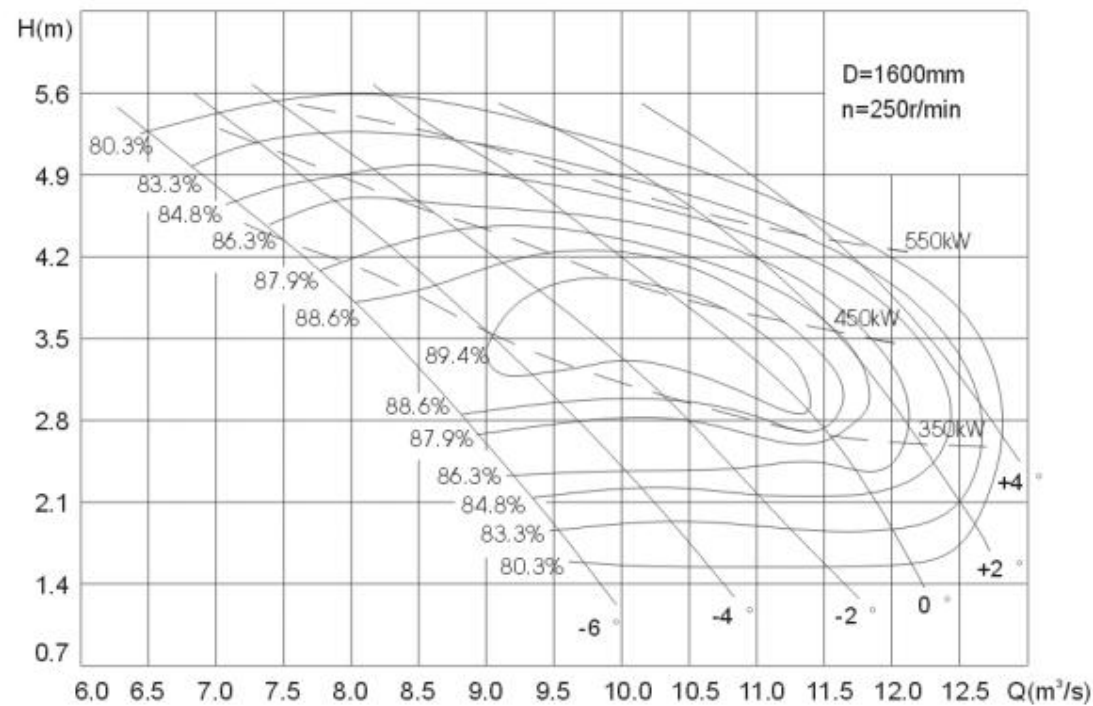


叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
-6°	8.85	3.00	300	424	800	61.5	1450
	8.30	5.00		503		81.0	
	7.35	7.00		587		86.0	
	6.00	9.00		652		81.3	
-4°	9.30	3.00		425		64.5	
	8.72	5.00		526		81.4	
	7.80	7.00		616		87.0	
	6.35	9.00		685		81.9	
-2°	9.80	3.00		437		66.0	
	9.22	5.00		553		81.8	
	8.25	7.00		643		88.0	
	6.68	9.00		716		82.4	
0°	10.28	3.00	469	64.5			
	9.70	5.00	585	81.3			
	8.50	7.50	707	88.5			
	7.07	9.00	750	83.2			
+2°	10.73	3.00	526	60.0			
	10.15	5.00	626	79.5			
	9.22	7.00	725	87.3			
	7.55	9.00	793	84.0			
+4°	11.30	3.00	594	56.0			
	10.72	5.00	687	76.5			
	9.50	7.50	799	87.4			

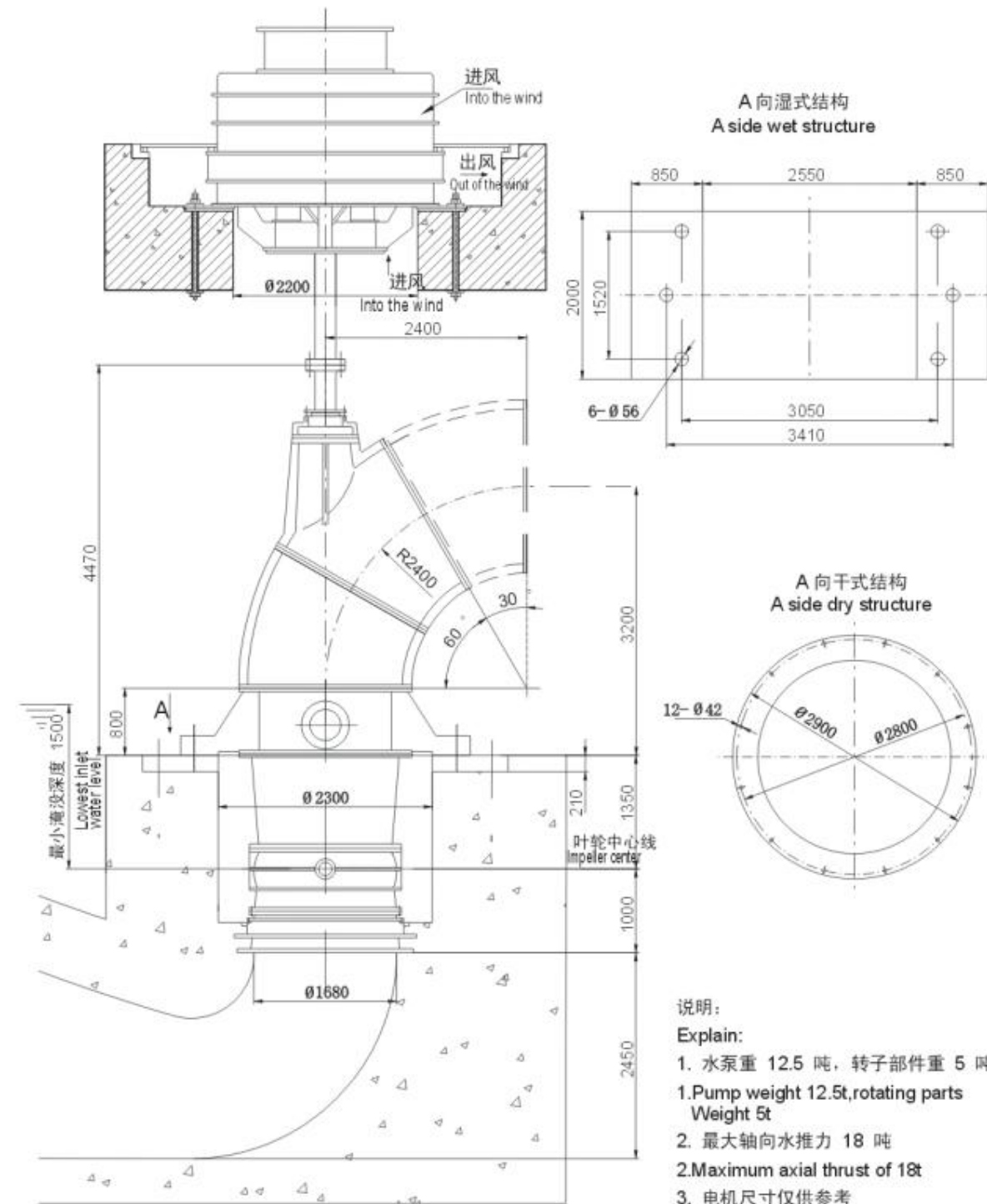
叶片安放角度 Vance Angle(β)	流量Q Capacity (m³/s)	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率η Eff (%)	叶轮直径 Impeller Di. (mm)
-6°	7.80	3.00	300	277	630	83.0	1540
	6.85	5.00		389		86.5	
	6.00	6.50		459		84.0	
-4°	8.65	3.00		302		84.5	
	7.70	5.00		430		87.8	
	6.35	7.00		532		84.5	
-2°	9.40	3.00		327	84.8		
	8.35	5.00		464	88.3		
	7.20	7.00		580	85.2		
0°	10.15	3.00		352	84.8		
	9.10	5.00		505	88.5		
	7.90	7.00		631	86.0		
+2°	10.95	3.00	385	83.8			
	9.80	5.00	543	88.5			
	8.45	7.00	688	85.8			
+4°	11.70	3.00	420	82.0			
	10.55	5.00	586	88.3			
	9.50	6.50	700	86.5			



1600ZLB(Q)11-3.3 型轴流泵工作性能曲线  
Performance Curves for 1600ZLB(Q)11-3.3 Axial-flow Pump

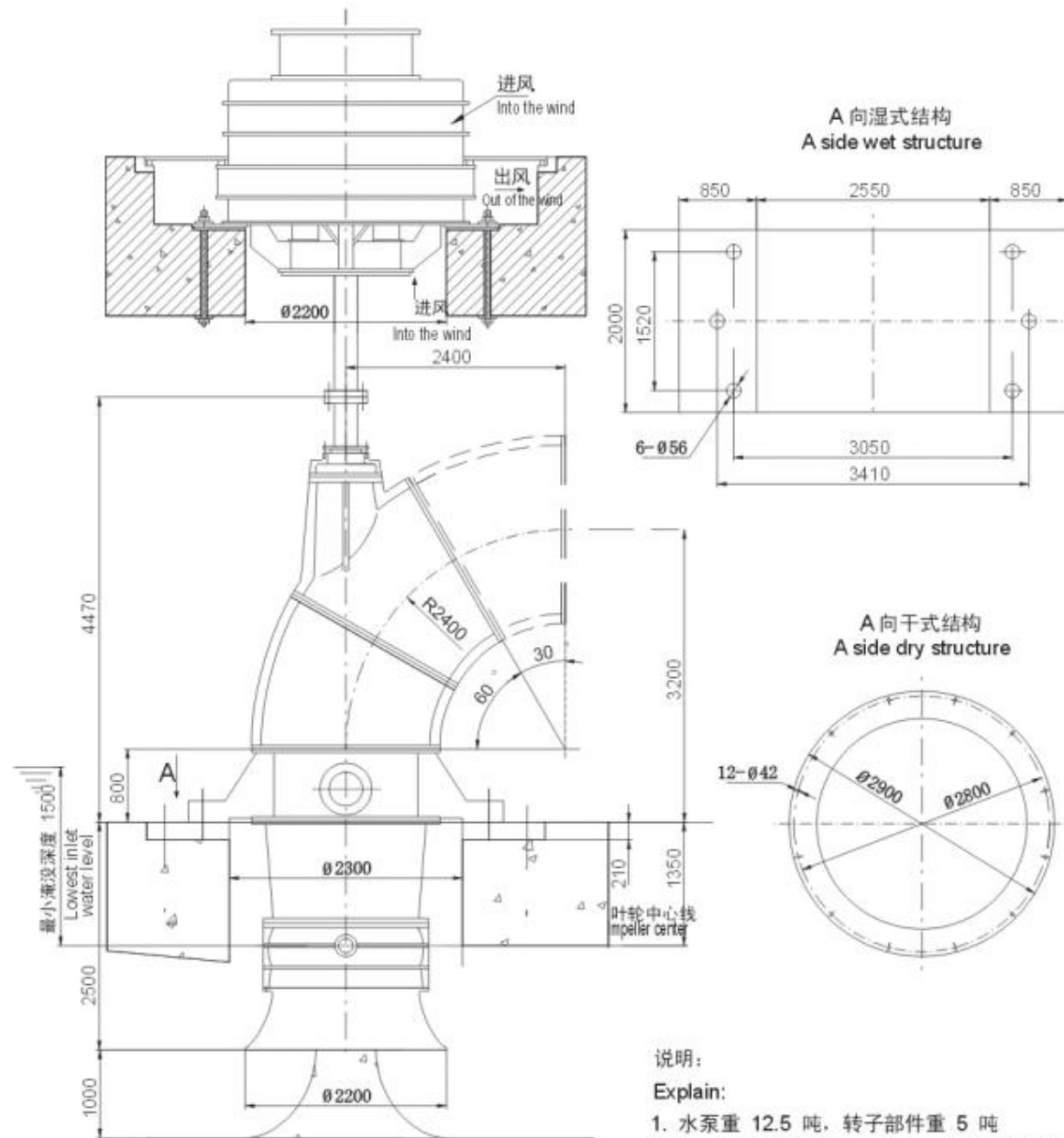
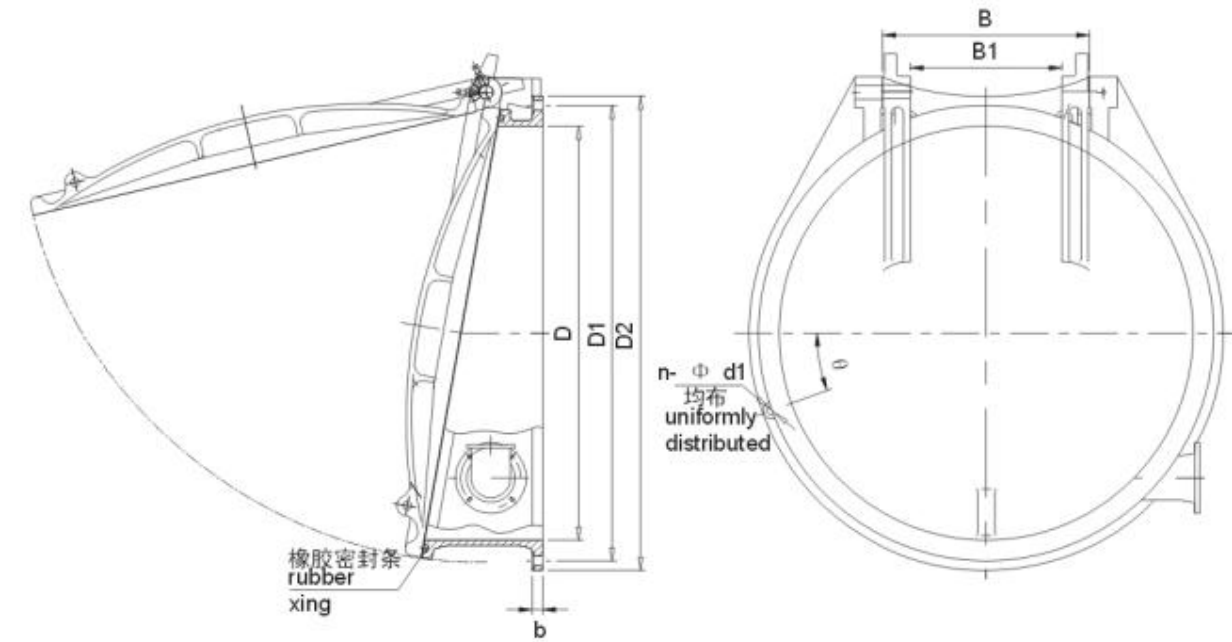


叶片安放角度 Vance Angle( $\beta$ )	流量Q Capacity ( $m^3/s$ )	扬程H Head (m)	转速n Speed (r/min)	轴功率 Shaft Power (Kw)	配用功率 Match Power (Kw)	效率 $\eta$ Eff (%)	叶轮直径 Impeller Di. (mm)
-6°	9.52	1.90	250	213	630	83.3	1600
	8.87	2.90		285		88.6	
	6.83	4.90		394		83.3	
-4°	10.33	2.00		244		83.3	
	9.26	3.30		336		89.4	
	7.43	5.20		455		83.3	
-2°	11.17	2.00		263		83.3	
	10.02	3.30		363		89.4	
	7.95	5.20		487		83.3	
0°	11.90	2.10		290		84.5	
	11.00	3.30		395		90.1	
	8.79	5.20		538		83.3	
+2°	12.50	2.10	310	83.0			
	11.00	4.20	521	87.0			
	10.13	4.90	581	83.8			
+4°	12.78	2.80	439	80.0			
	11.75	4.20	583	83.0			



1600ZLB(Q) 型轴流泵外形安装图 ( 流道进水 )  
Erection View for 1600ZLB(Q) Pump of Direct Coupling Type (Corridor influent)

ZLB(Q) 型泵逆止阀外形尺寸图  
ZLB(Q) Check valve



- 说明:  
Explain:
1. 水泵重 12.5 吨, 转子部件重 5 吨  
1. Pump weight 12.5t, rotating parts weight 5t
  2. 最大轴向水推力 18 吨  
2. Maximum axial thrust of 18t
  3. 电机尺寸仅供参考  
3. Motor size for reference only

1600ZLB(Q) 型轴流泵外形安装图 (喇叭进水)  
Erection View for 1600ZLB(Q) Pump of Direct Coupling Type (Speaker influent)

产品型号 Product model	主要安装尺寸 Main fixing dimensions								
	规格 Caliber	B	B1	D	D1	D2	b	n-Φd1	θ
350ZLB-70 350ZLB-100 14ZLB-70 14ZLB-100D	350	300	240	350	445	485	22	8-Φ23	22.5°
20ZLB-70 20ZLB-70DP 20ZLB-100 500ZLB-85 500ZLB-4 500ZLB-160	550	470	400	550	655	710	25	6-Φ28	0°
600ZLB 系列	700	470	400	700	810	860	28	12-Φ28	15°
700ZLB 系列	800	470	390	800	920	975		12-Φ23	
32ZLB-100 800ZLB-70 32ZLB-125	900	470	390	900	1020	1075	28	12-Φ28	
900ZLB 系列 1000ZLB 系列	1200	600	440	1200	1320	1375	30	18-Φ28	10°
1200ZLB 系列	1400	720	540	1400	1520	1575			