



Z(H)LB  
**使用、选型手册**  
Axial flow pump  
Selection of the manual

辰禹（重庆）流体设备有限公司

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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-creation 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

### 产品主要用途 PURPOSE

立式轴(混)流泵广泛用于水利工程、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、河水或物理化学性质近似于水的其他液体。

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

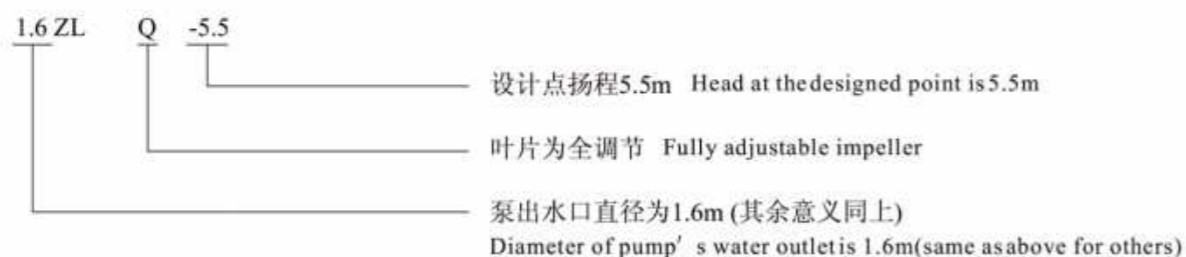
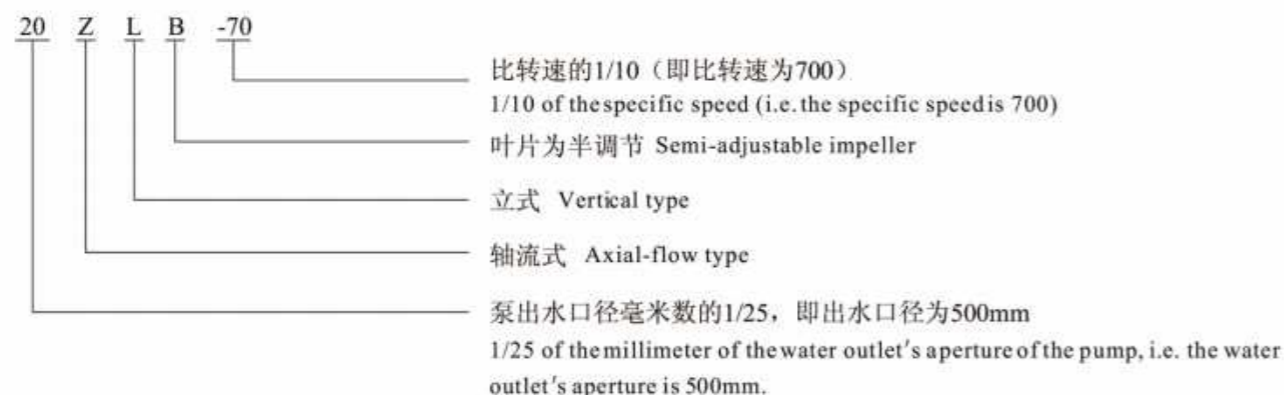
Suitable for pumping pure water, river water or other liquids of the physical chemical natures similar to those of pure water.

Medium temperature ≤ 50℃

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

PH value of medium: between 5~11

## 型号意义 MODEL MEANING



## 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，通过机械式或液压力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，以混凝土浇筑并配有进口基础件。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 adjuster 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.

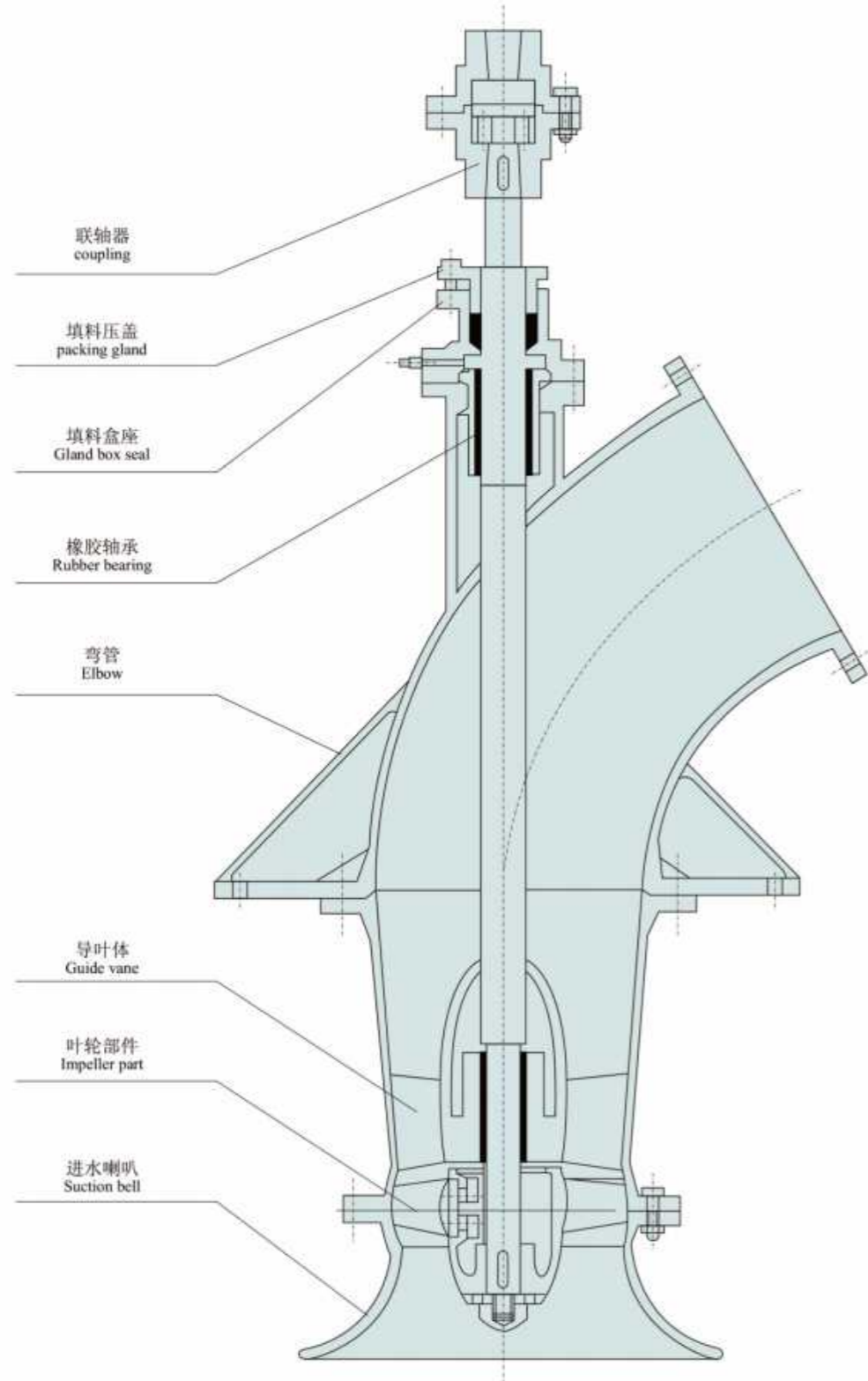
Both middle and small pumps are directly actuated by a vertical motor, the motor is mounted on the motor seat and connected with the actuating shaft via an elastic clutch. Inside of the motor seat there are radial and thrust bearings, lubricated with engine oil or grease; for the one of a bigger power 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.

## Z(H)LB 系列立式轴（混）流泵

### 结构示意图 STRUCTURAL MAP

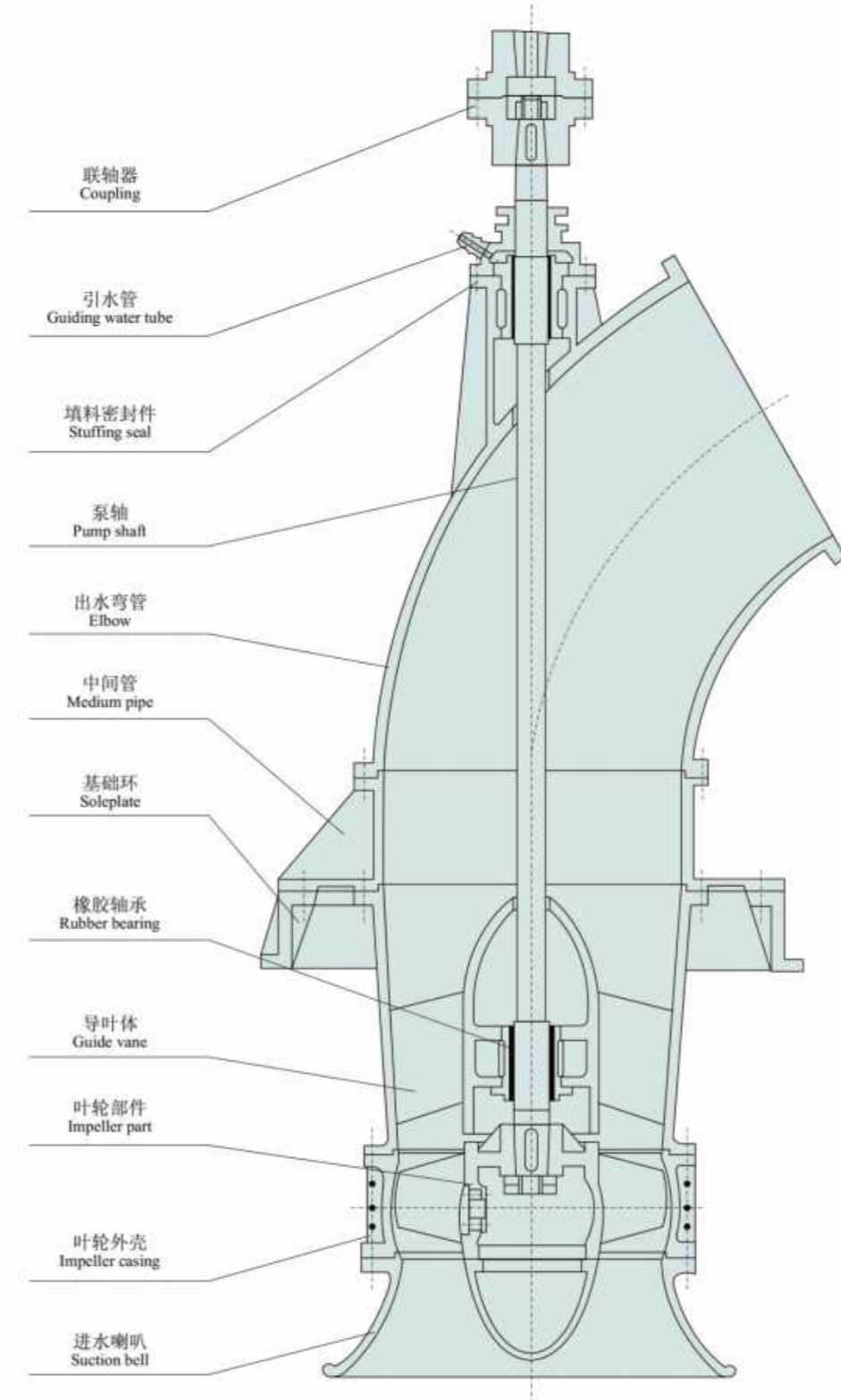
ZLB型轴流泵结构图（I）  
Structural Drawing For ZLB Axial Pump(I)



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

### 结构示意图 STRUCTURAL MAP

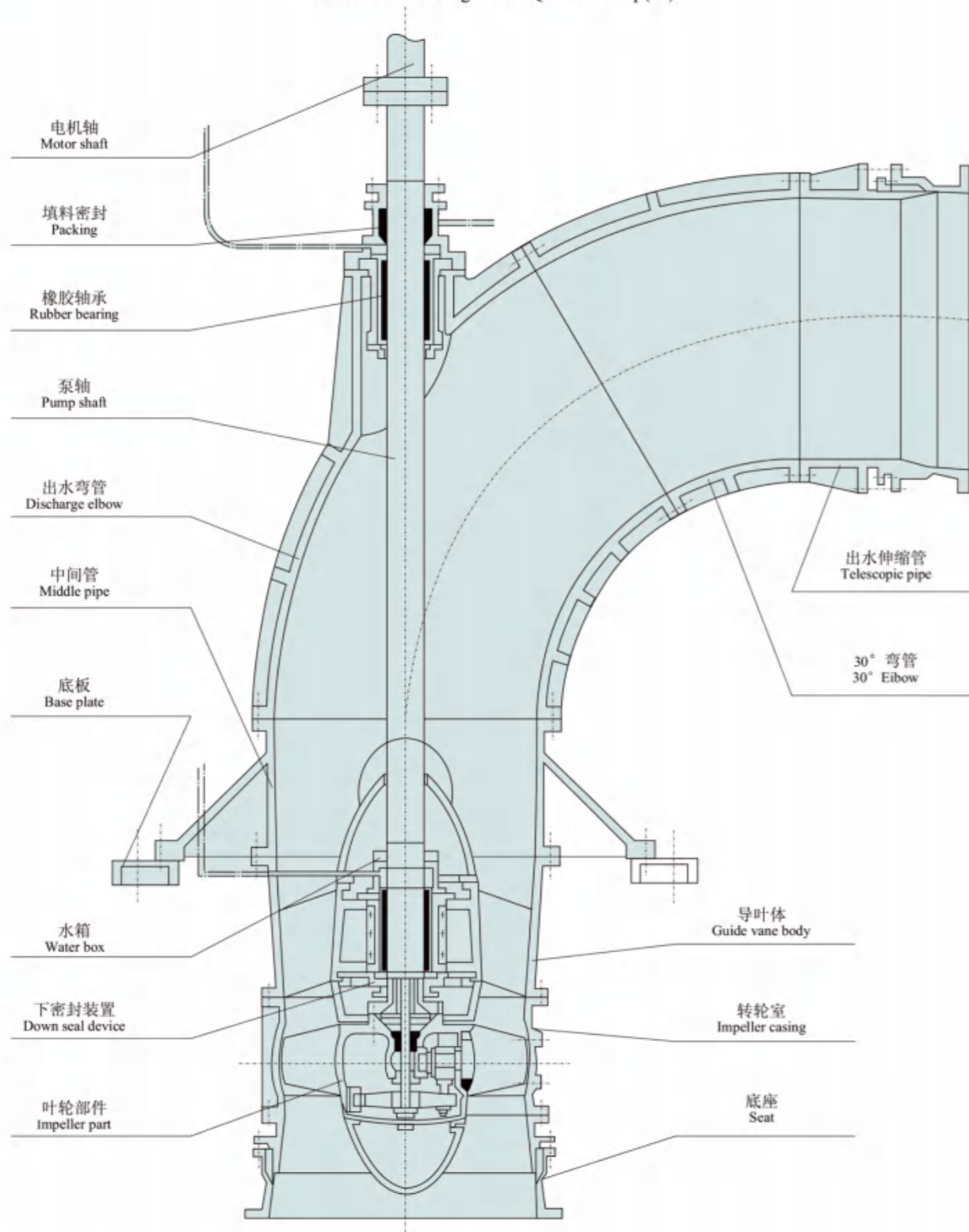
ZLB型轴流泵结构图（II）  
Structural Drawing For ZLB Axial Pump(II)



## Z(H)LB 系列立式轴（混）流泵

### 结构示意图 STRUCTURAL MAP

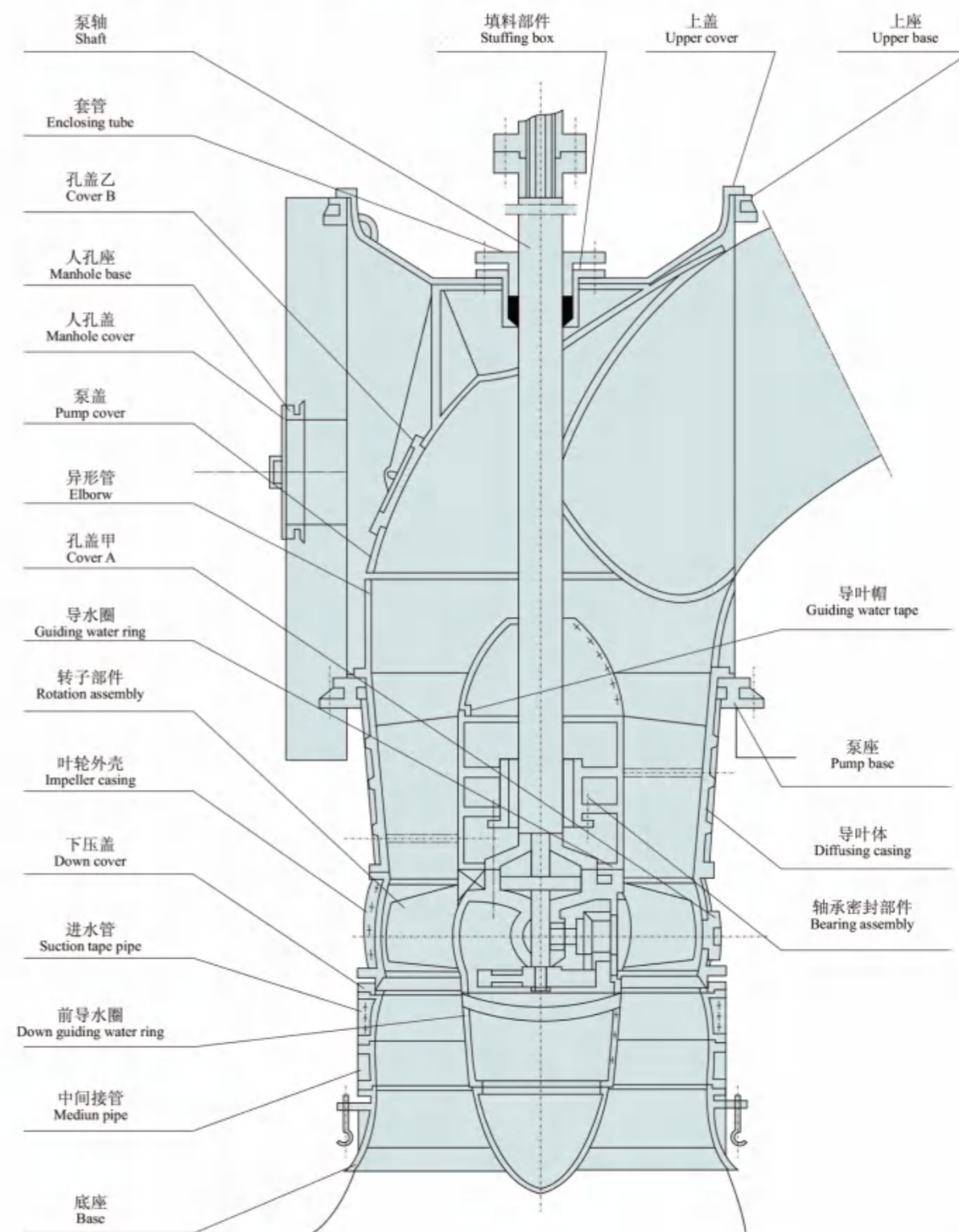
ZLQ型轴流泵结构图（III）  
Structural Drawing For ZLQ Axial Pump(III)



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

### 结构示意图 STRUCTURAL MAP

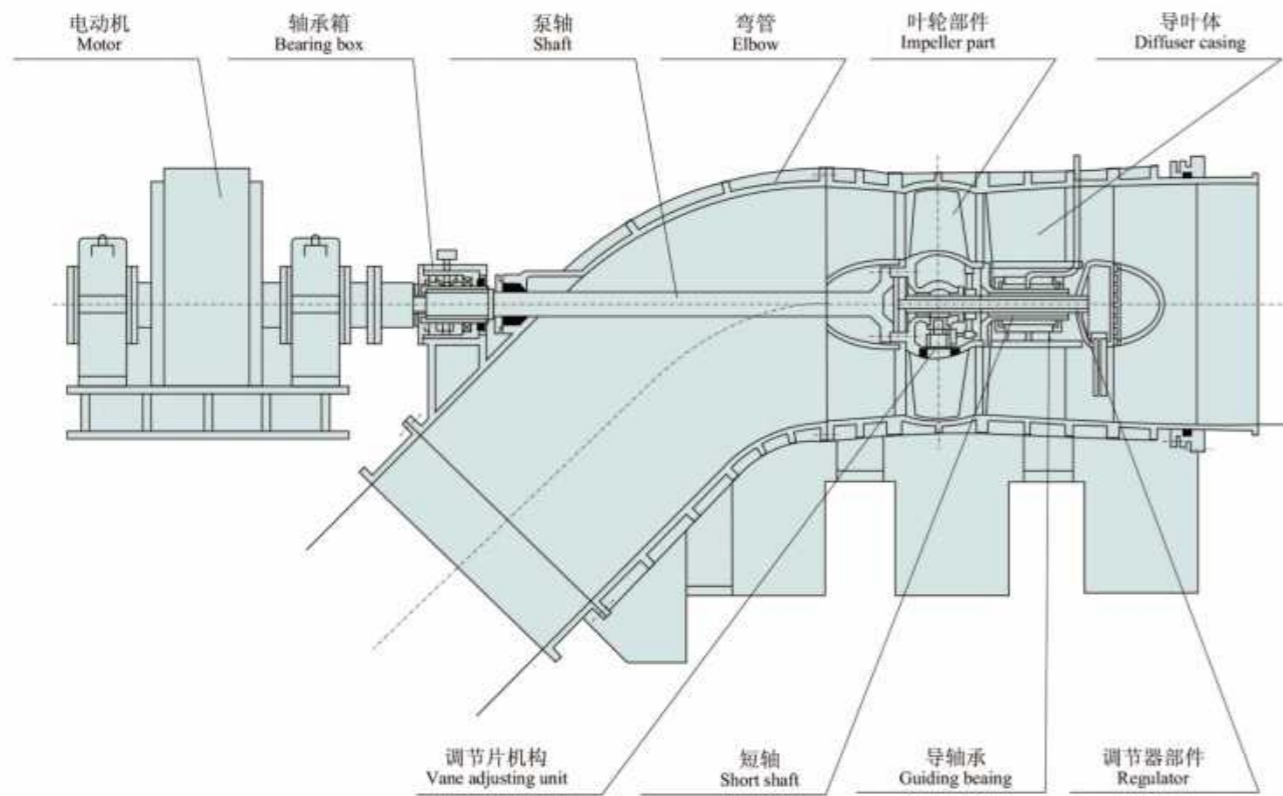
大型ZLQ型立式全调节轴流泵结构图  
Sketch of Large ZLQ Vertical Axial-Flow Pump with Blades Adjustable in Operation



## Z(H)LB 系列立式轴（混）流泵

### 结构示意图 STRUCTURAL MAP

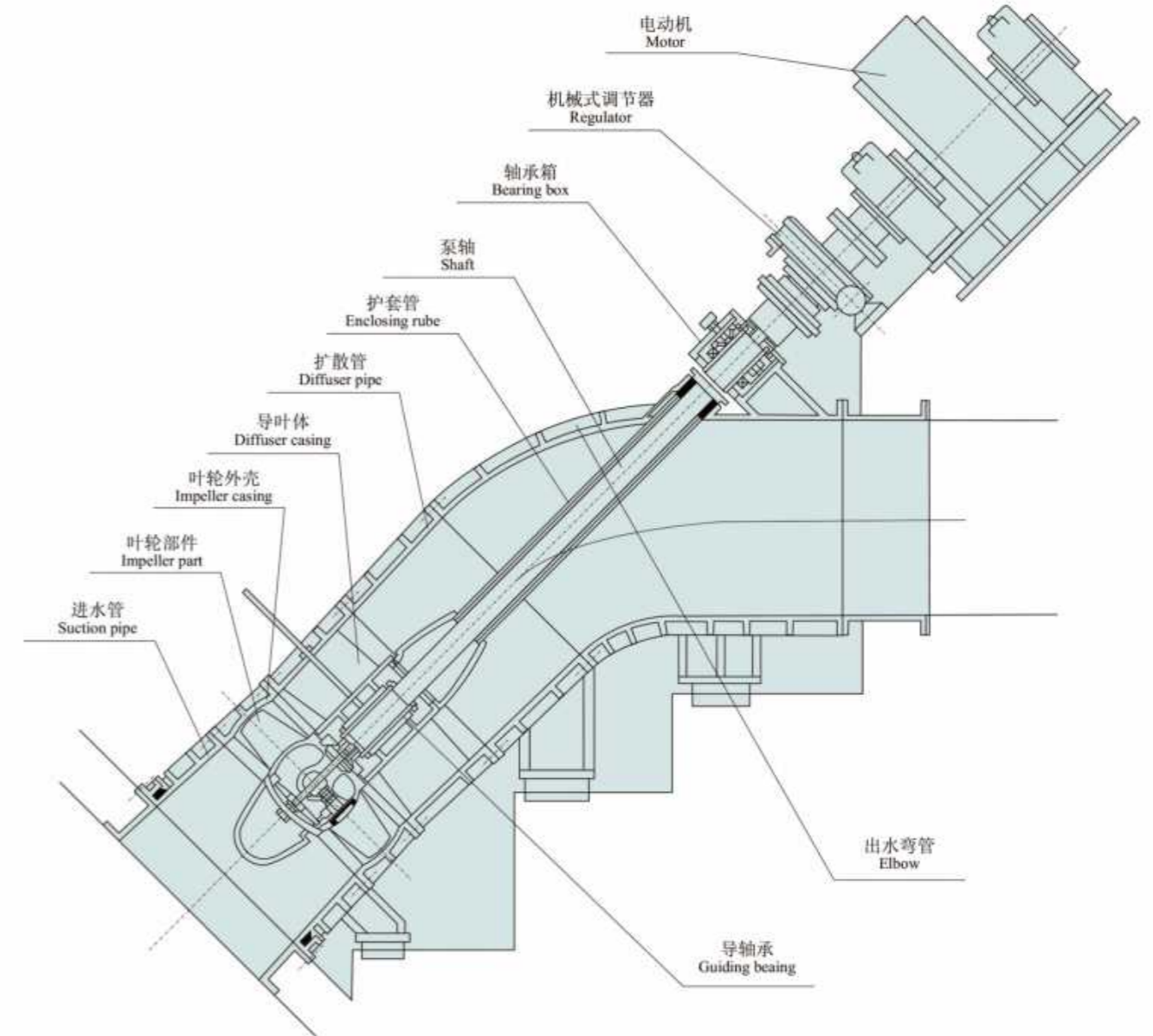
ZWQ型卧式全调节轴流泵结构图  
Sketch of ZWQ Horizontal Axial-Flow Pump with Blades Adjustable in Operation



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

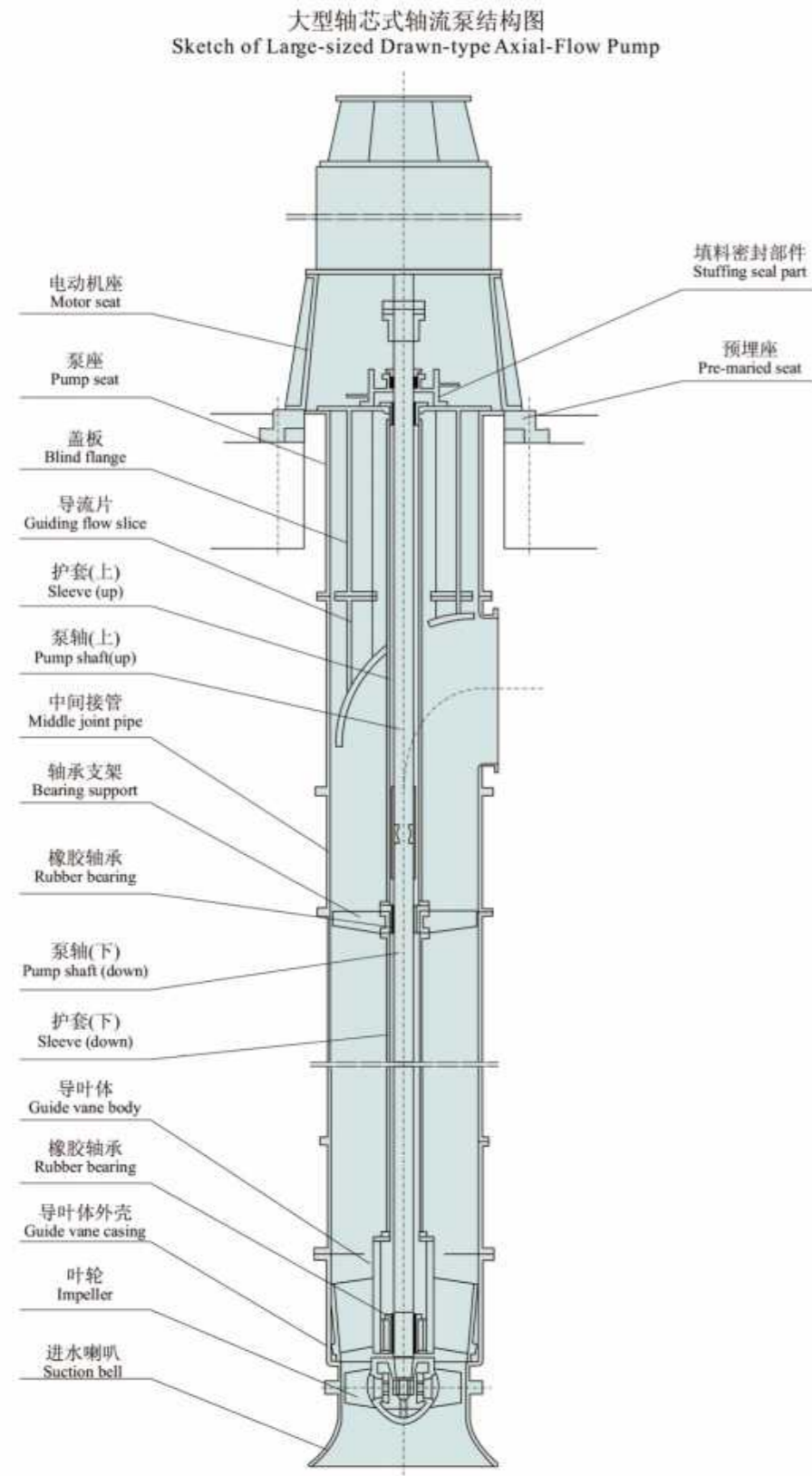
### 结构示意图 STRUCTURAL MAP

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



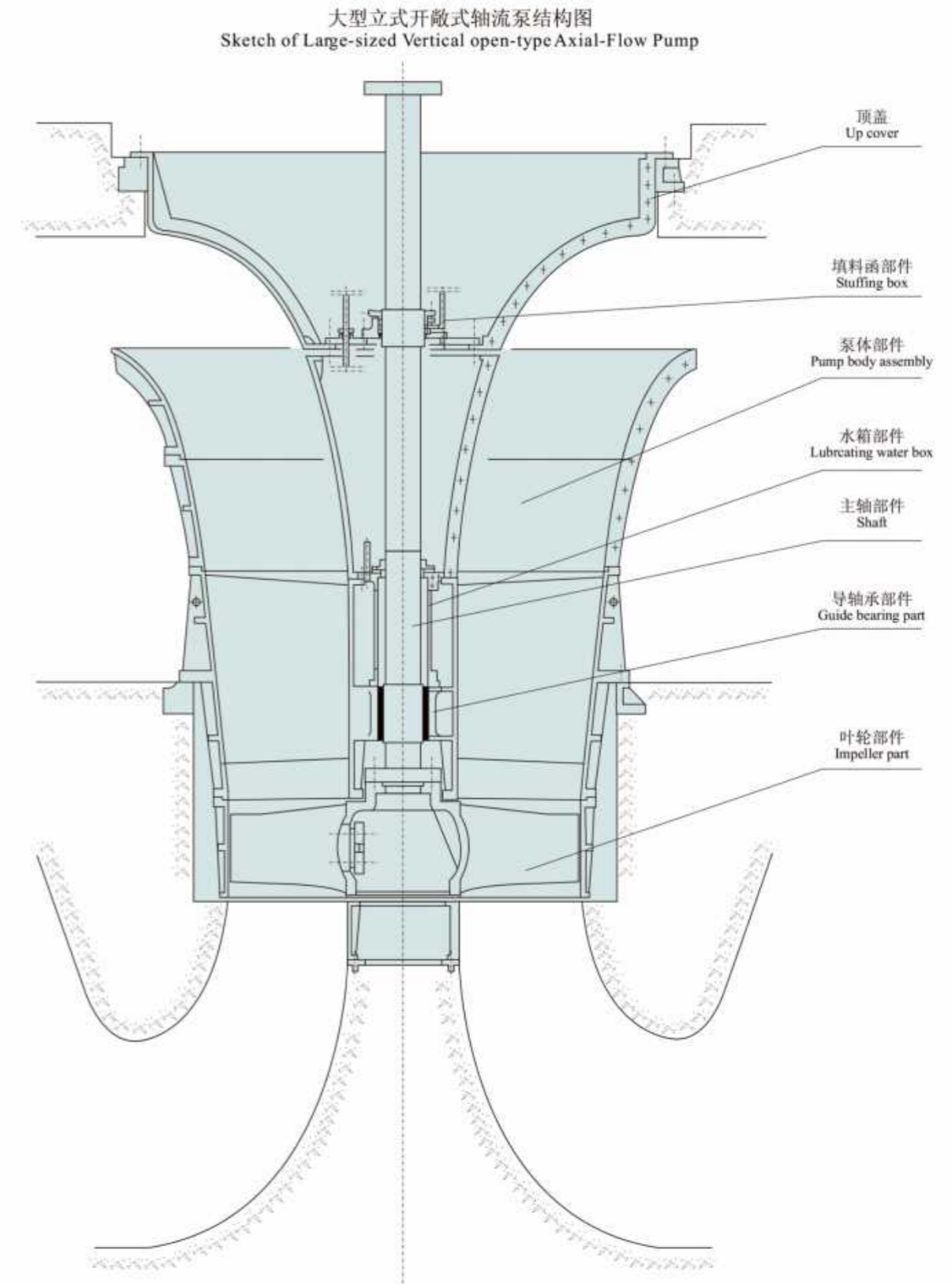
## Z(H)LB 系列立式轴（混）流泵

### 结构示意图 STRUCTURAL MAP



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

### 结构示意图 STRUCTURAL MAP

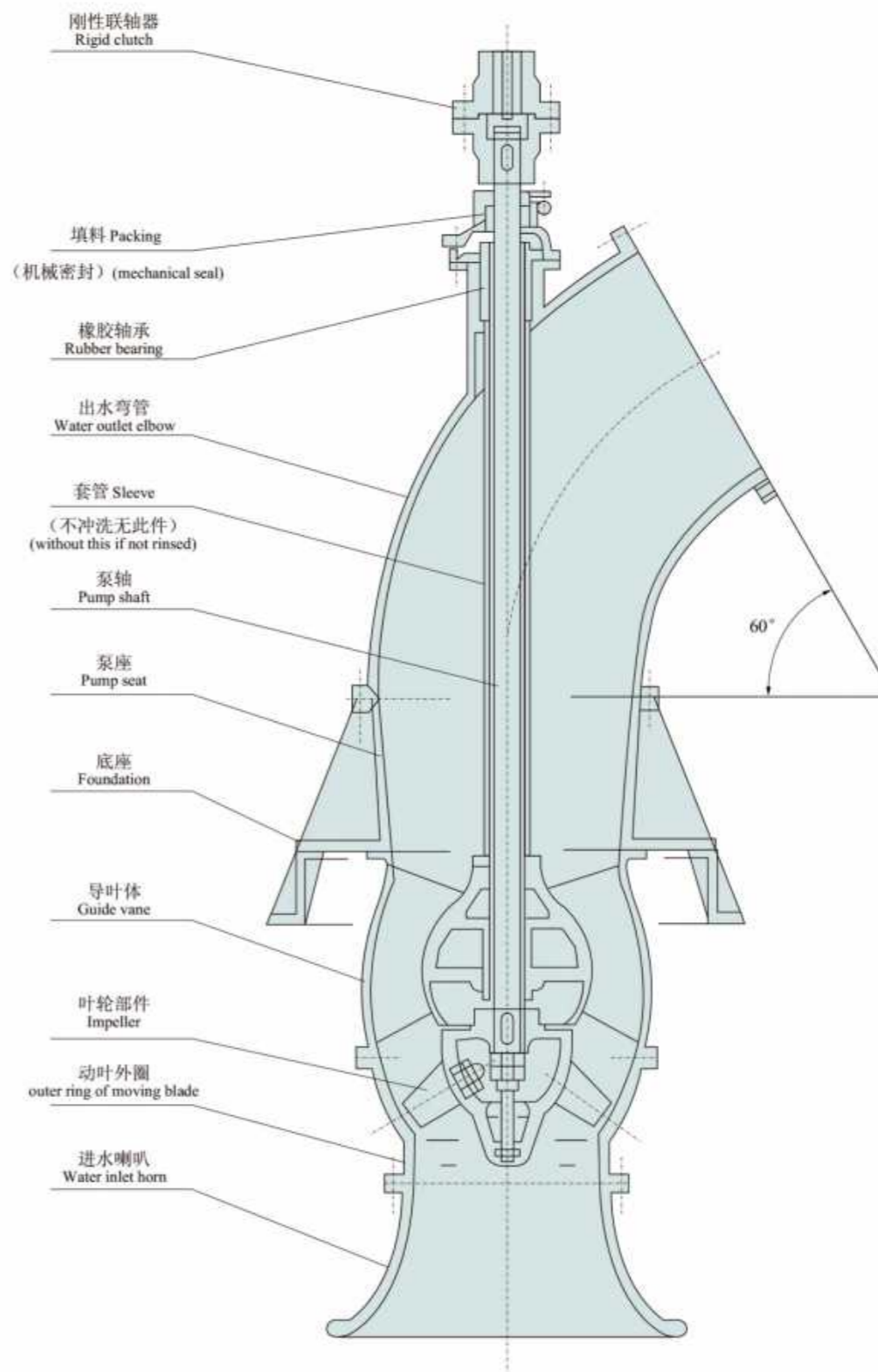
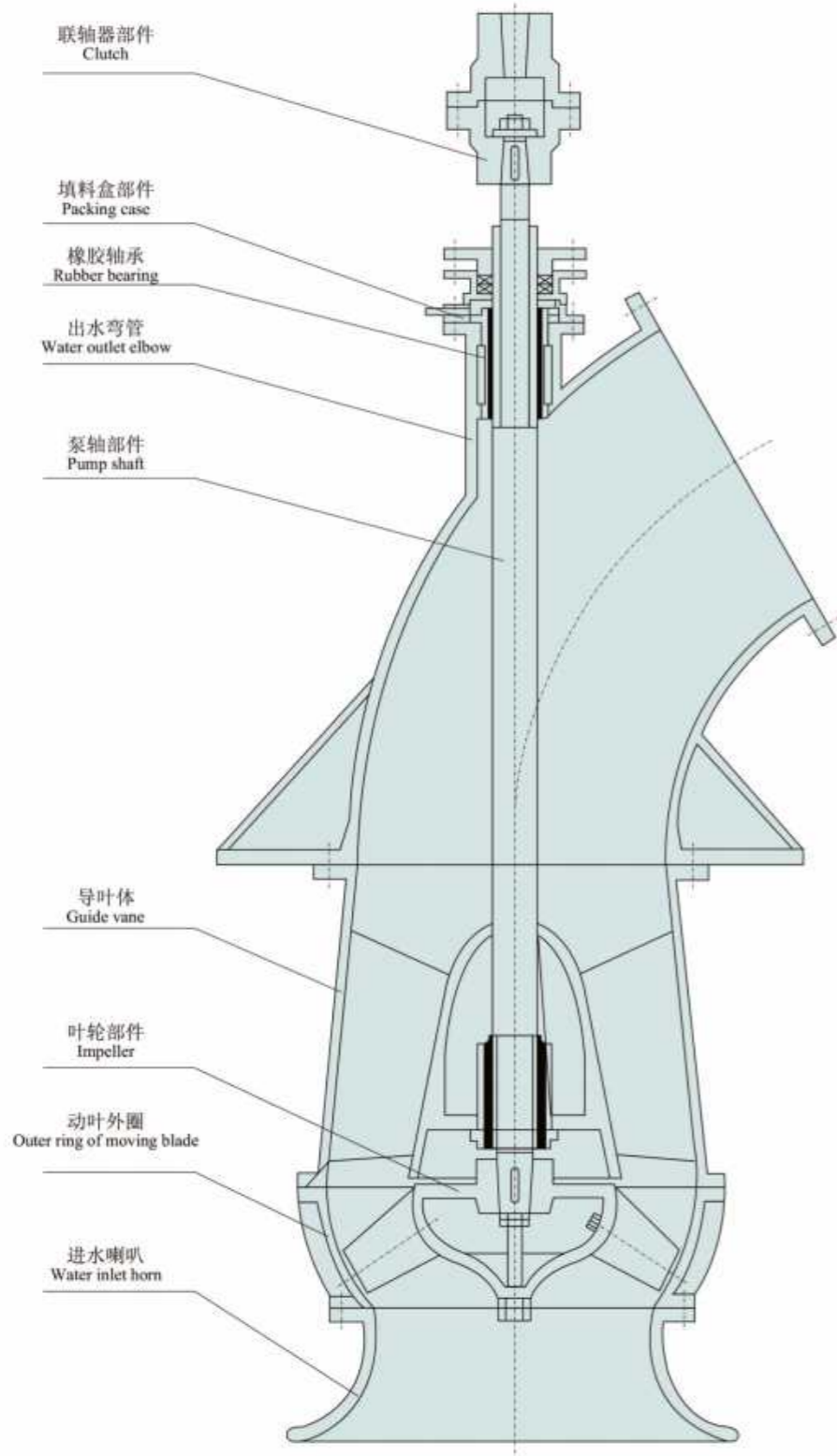


结构示意图 STRUCTURAL MAP

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)

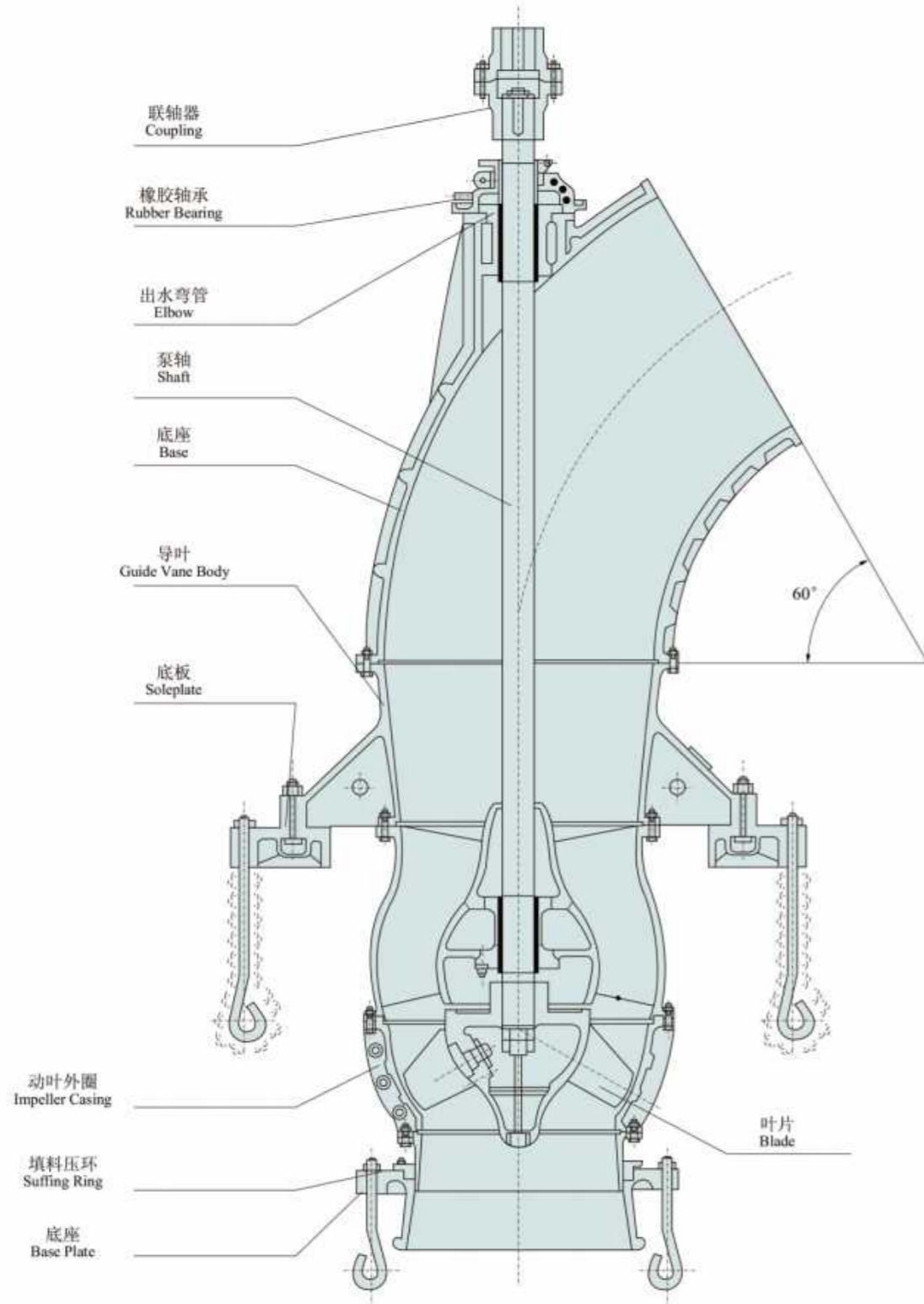
HLB型混流泵结构图（II）  
Structural drawing of model HLB mixed-flow pump(II)



## Z(H)LB 系列立式轴（混）流泵

### 结构示意图 STRUCTURAL MAP

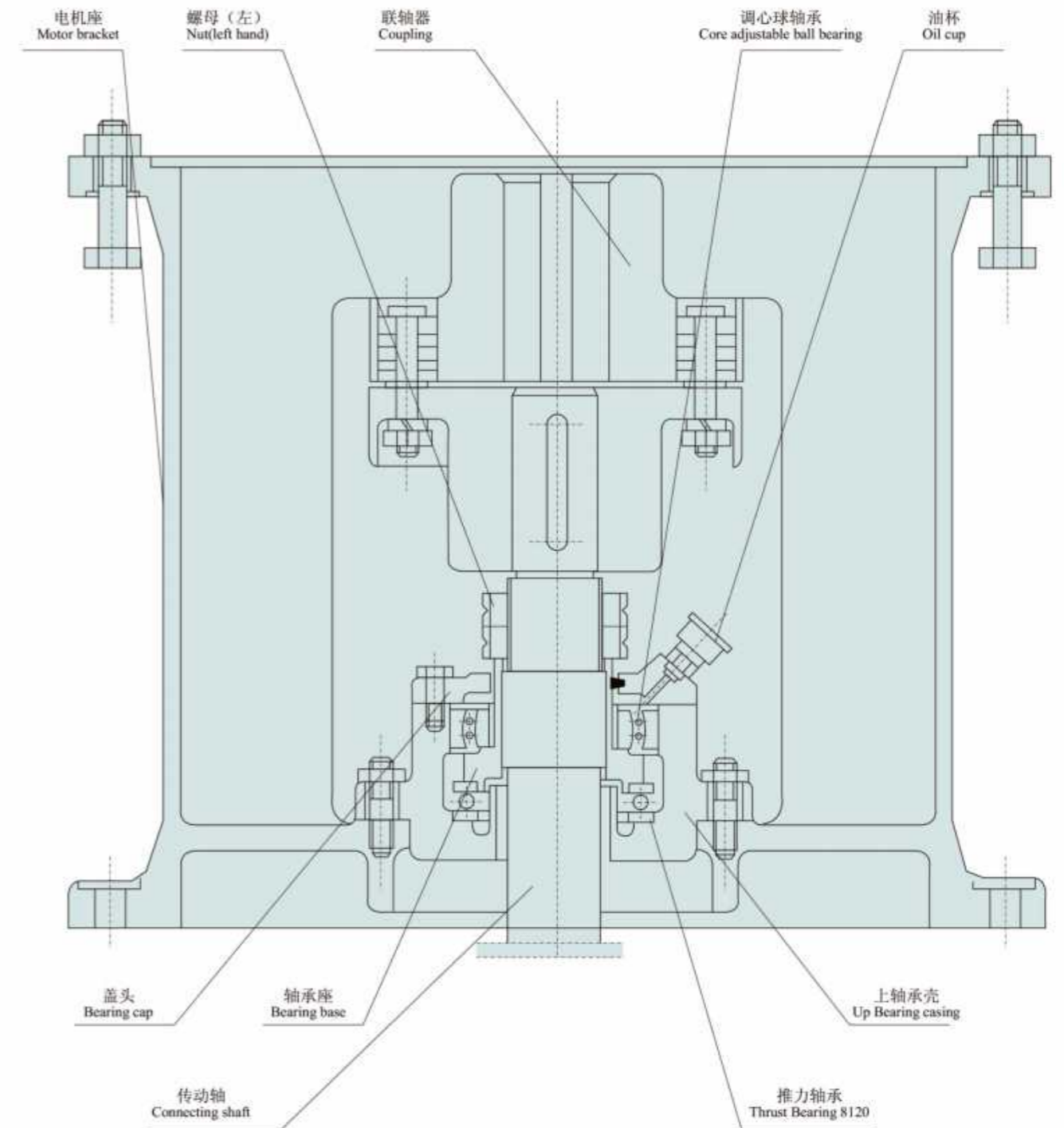
HLB型混流泵结构图（III）  
Structural drawing of model HLB mixed-flow pump(III)



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

### 结构示意图 STRUCTURAL MAP

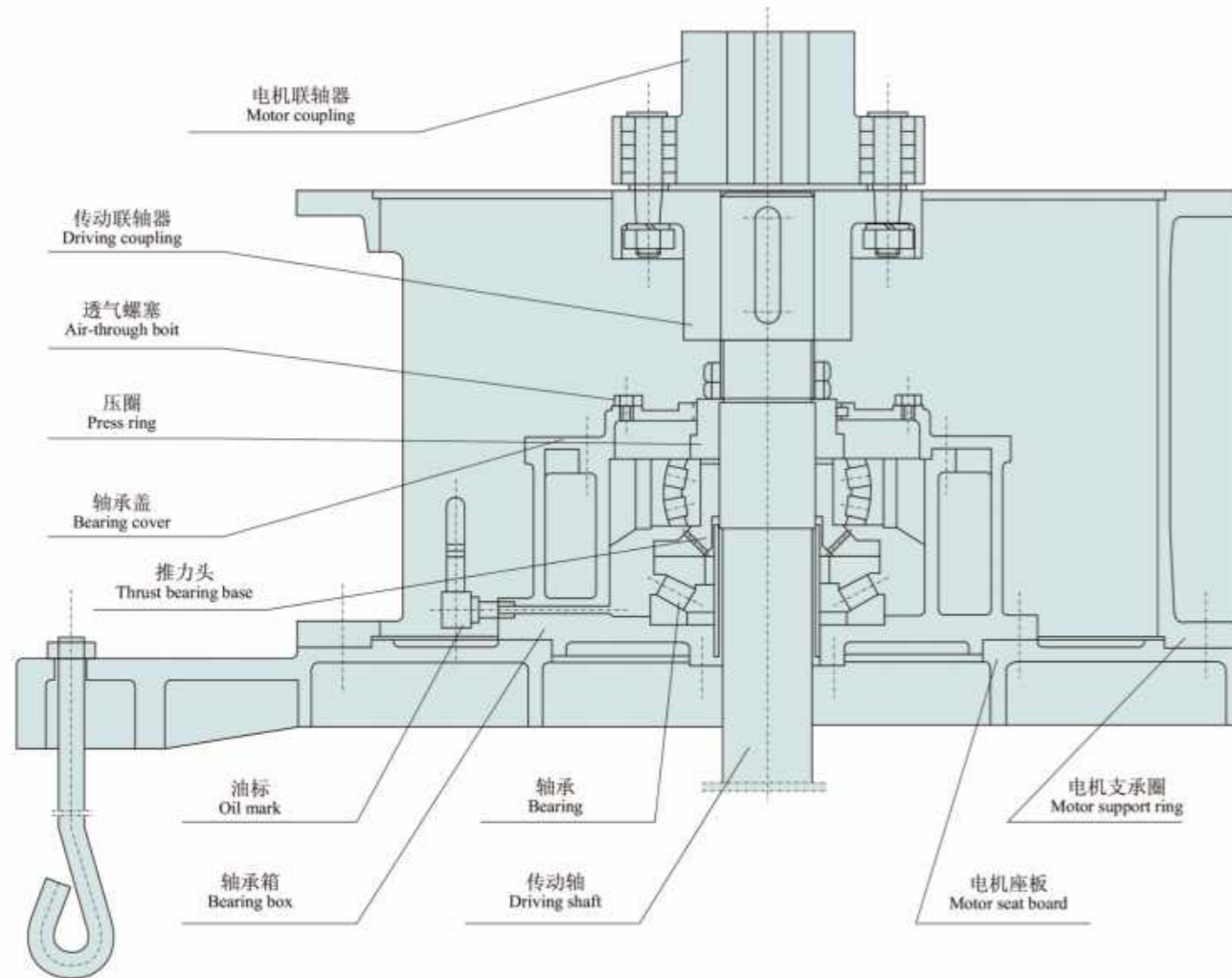
立式电机传动装置（I）  
Driving Device For Vertical Motor (I)



## Z(H)LB 系列立式轴（混）流泵

### 结构示意图 STRUCTURAL MAP

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

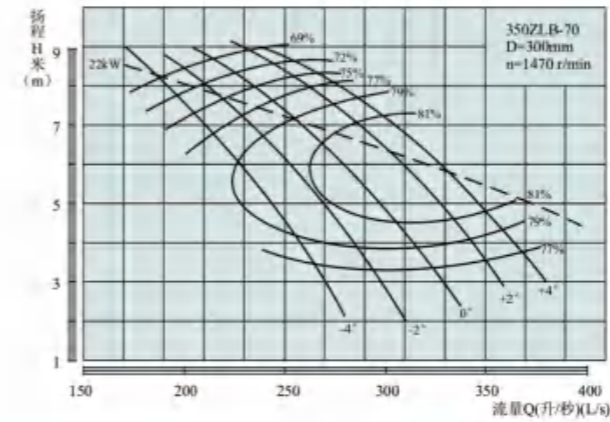


## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

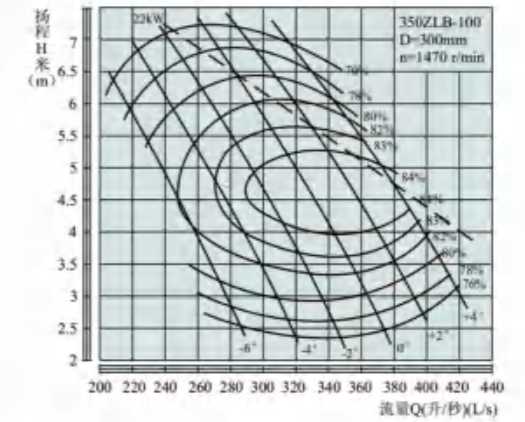
### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

(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 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)	
	米 <sup>3</sup> /小时 (m <sup>3</sup> /h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power			
-4°	949	263.6	3.45	1470	11.58	Y180L-4 (B5) 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 (B5) 30kW	77		300
	861	239.2	6.65		19.74		79		
	712	197.7	8.42		23.65		69		
0°	1163	323.1	3.30		13.58	Y200L-4 (B5) 30kW	77		300
	963	267.6	6.55		21.21		81		
	803	223.0	8.30		25.20		72		
+2°	1224	340.0	4.07		17.17	Y200L-4 (B5) 30kW	79		300
	1028	285.6	7.10		24.54		81		
	948	263.4	7.88		26.43		77		
+4°	1284	356.7	4.30	19.03	Y200L-4 (B5) 30kW	79	300		
	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

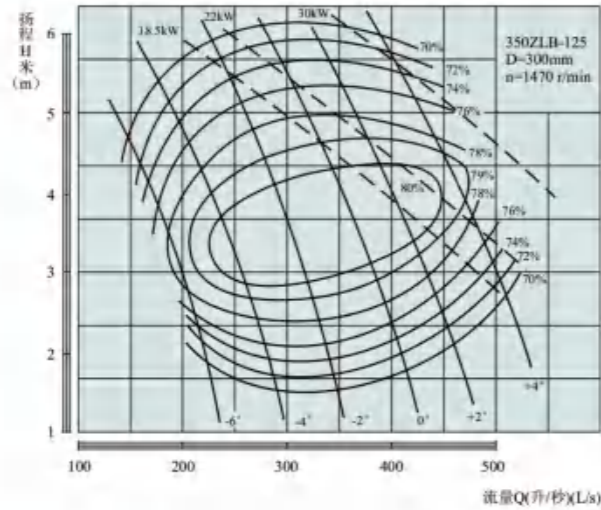
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)	
	米 <sup>3</sup> /小时 (m <sup>3</sup> /h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power			
-6°	1096	286	2.56	1470	9.44	Y180L-4 (B5) 22kW	76	300	
	910.8	253	4.14		12.51		82		
	745.2	207	6.41		17.11		76		
-4°	1144.8	318	2.43		9.96	Y200L-4 (B5) 30kW	76		300
	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	Y200L-4 (B5) 30kW	76		300
	1058.4	294	4.93		16.91		84		
	907.2	252	6.70		21.20		78		
0°	1339.2	372	2.47		11.85	Y200L-4 (B5) 30kW	76		300
	1206	335	4.34		16.90		84.3		
	950.4	264	7.20		24.51		76		
+2°	1425.6	396	2.73	13.94	Y200L-4 (B5) 30kW	76	300		
	1278	355	4.58	18.75		85			
	1029.6	286	7.20	26.55		76			
+4°	1501.2	417	3.08	16.56	Y200L-4 (B5) 30kW	76	300		
	1368	380	4.57	20.21		84.2			
	1141.2	317	6.96	28.45		76			

## Z(H)LB 系列立式轴 (混) 流泵

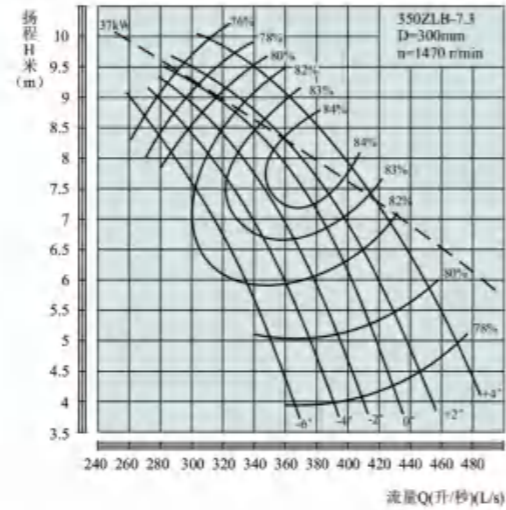
## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 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

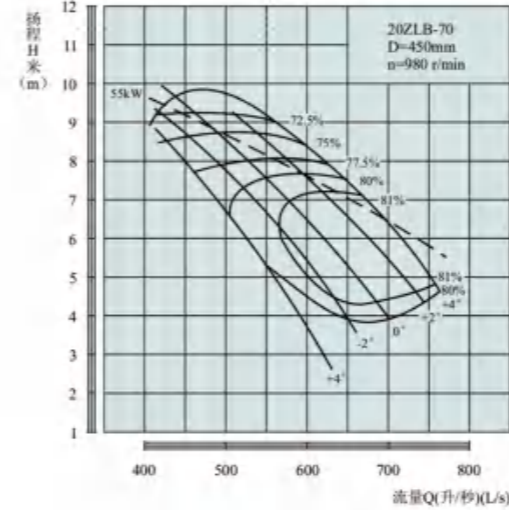
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)
	米³/小时 (m³/h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-6°	540	150	4.65	1470	9.80	Y180M-4 (Bs) 18.5kW	70	300
	688	191	3.20		7.70		78	
	792	220	1.93		5.95		70	
-4°	655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

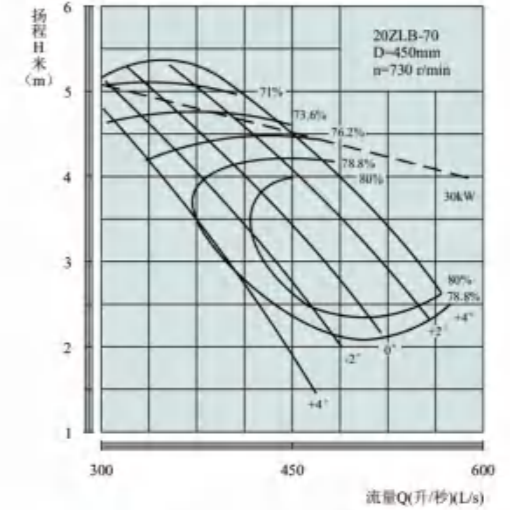
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)
	米³/小时 (m³/h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-6°	1317.6	366	3.91	1470	16.51	Y225S-4 (Bs) 37kW	78	300
	1130.4	314	7.19		26.84		82.43	
	975.6	271	8.76		30.61		76	
-4°	1407.6	391	3.99		15.99	Y225M-4 (Bs) 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	Y225M-4 (Bs) 45kW	78	
	1260	350	7.42		30.66		83	
	1026	285	9.25		33.99		76	
0°	1548	430	4.37		23.61	Y225M-4 (Bs) 45kW	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	Y225M-4 (Bs) 45kW	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	Y225M-4 (Bs) 45kW	78		
	1411.2	392	8.35	38.19		84		
	1126.8	313	9.91	40.00		76		

### 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 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power			
-4°	1368	380	9.44	980	50.4	Y280M-6 (Bs) 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		Y280M-6 (Bs) 55kW		74.5
	2010	559	6.43		44				80
	2250	625	4.9		40.6				73.5
0°	2099	583	7.0		50.0		Y280M-6 (Bs) 55kW		79.9
	2160	600	6.3		45.5				81.2
	2510	696	3.9		34.6				77
+2°	2340	650	6.6		52.2		Y280M-6 (Bs) 55kW		81.5
	2560	711	5.5		46.7				82
	2660	741	4.67		41.6				81.5
+4°	2700	750	5.6	49.5	Y280M-6 (Bs) 55kW	83			
	2858	794	4.4	43.4		79			

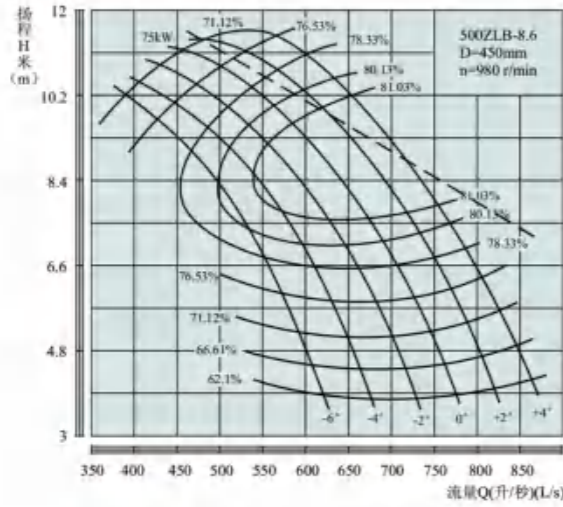
20ZLB-70 工作性能表(低速) 20ZLB-70 CHARACTERISTIC DATA (LOW SPEED)

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power			
-4°	1020	282	5.32	730	20.8	Y250M-8 (Bs) 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		Y250M-8 (Bs) 30kW		73
	1500	416	3.56		18.2				78.8
	1675	456	2.76		16.8				71.9
0°	1480	410	4.16		21.2		Y250M-8 (Bs) 30kW		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		Y250M-8 (Bs) 30kW		80.4
	1910	530	3.10		19.3				80.9
	1990	552	2.63		17.2				80.4
+4°	1640	454	4.44	26	Y250M-8 (Bs) 30kW	75.4			
	1960	545	3.52	22.2		82			
	2100	582	2.82	19.12		81.5			

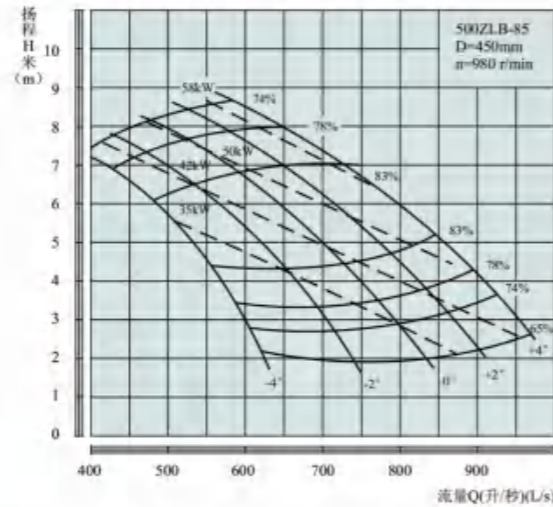
## Z(H)LB 系列立式轴 (混) 流泵

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

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



500ZLB-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 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-6°	1981.1	550.3	6.85	980	47.89	Y315S-6 JSL-11-6 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	71.8	
	1987.2	552	8.25		55.1	81.03	82	
	1599.5	444.3	10.12		58.29	75.63	79	
-2°	2368.1	657.8	6.61		54.42	78.33	72.4	
	2131.2	592	8.5		60.9	81.03	84	
	1698.1	471.7	10.48		64.08	75.63	78	
0°	2536.2	704.5	6.67		58.82	78.33	74.4	
	2300	638.9	8.35		66	81.03	86.0	
	1801.8	500.5	10.82		70.21	75.63	80.0	
+2°	2683.1	745.3	6.80	63.44	78.33	72.4		
	2430	675	8.7	70.64	81.5	82.7		
	2212.2	614.5	10.02	74.5	81.03	82.0		
+4°	2826.4	785.1	7.04	69.18	78.33	71.8		
	2556	710	9	76.87	81.5	79.2		
	2170.8	603	11.06	83.48	75.63	79.6		

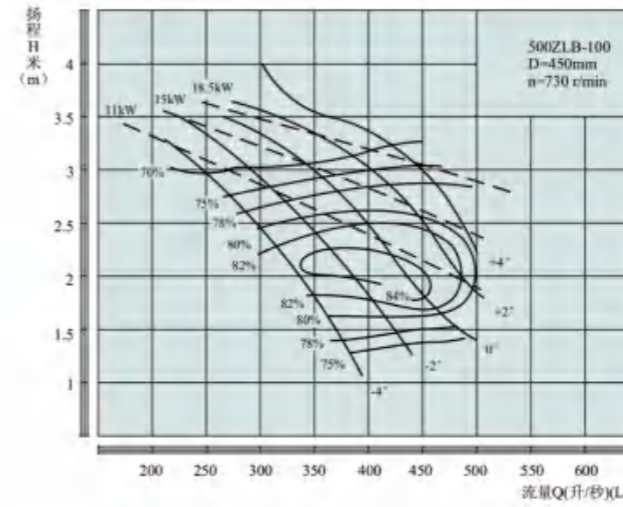
500ZLB-85 工作性能表 500ZLB-85 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-4°	1436	399	7.35	980	38.8	Y280M-6 55kW (Bs)	74	450
	2034	565	4.36		29.1		83	
	2224	618	2.87		22.7		74	
-2°	1573	437	7.8		45.1	74	75.0	
	2199	611	5.34		37.6	85	84.6	
	2577	716	2.77		26.2	74	78.0	
0°	1731	481	8.17		52	74	78.0	
	2512	698	5.24		42.17	85	86.0	
	2898	805	2.87		30.6	74	80.0	
+2°	1904	529	8.48		59.4	74	76.2	
	2743	762	5.44		47.8	85	82.7	
	3117	866	3.13		35.9	74	80.0	
+4°	2077	577	8.73	66.7	74	71.2		
	2930	814	5.81	54.5	85	79.2		
	3333	926	3.6	44.1	74	79.5		

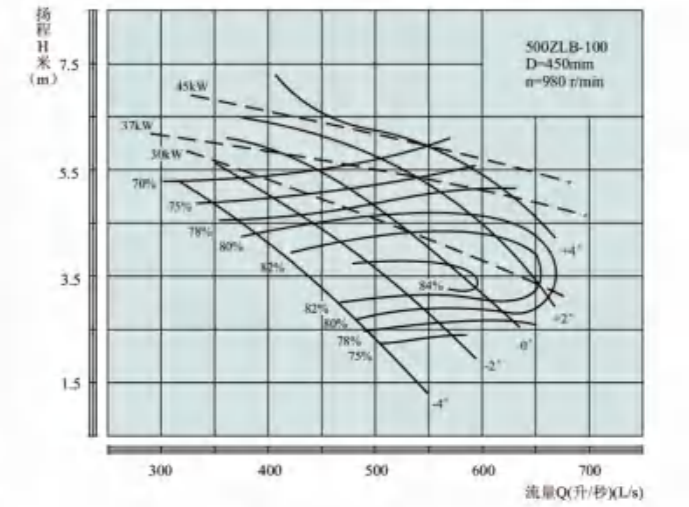
## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

500ZLB-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 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-4°	936	260	2.80	730	9.95	Y200L-8 (Bs)	71.8	450
	1242	345	1.80		7.43		82	
	1368	380	1.50		7.10		79	
-2°	1080	300	2.90		11.80	72.4		
	1404	390	1.92		8.70	84		
	1620	450	1.45		8.21	78		
0°	1287	357	2.85		13.40	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	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	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)

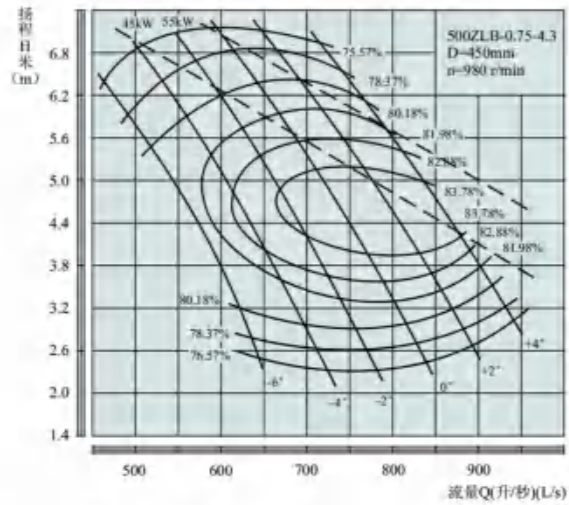
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)
	米³/小时 (m³/h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-4°	1220	339	5.08	980	23.3	Y225M-6 (Bs)	72.4	450
	1543	429	3.79		19.2		83.0	
	1890	525	1.80		13.2		71.3	
-2°	1481	412	5.00		27.0	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	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	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	71.2			
	2250	625	5.14	39.8	79.2			
	2342	652	4.59	36.9	79.5			

## 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

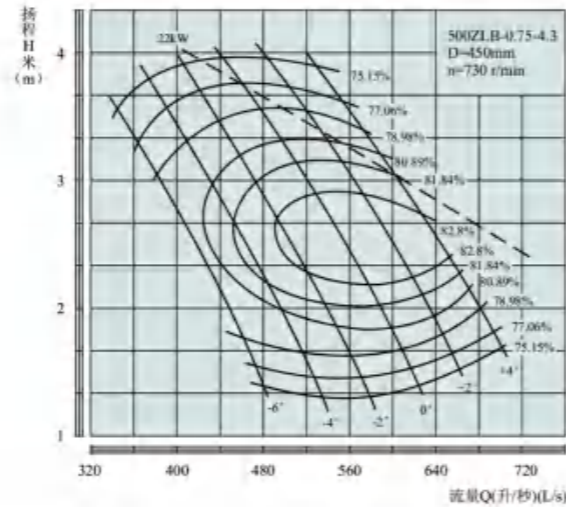
500ZLB-0.75-4.3 性能曲线图 (高速)

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

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

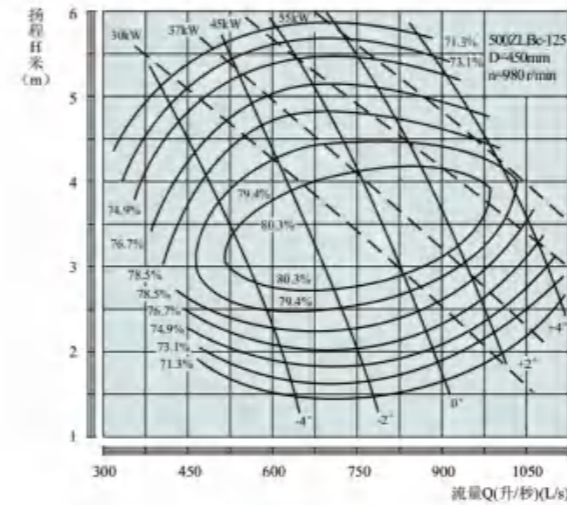
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head (m)	转速n Speed (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)										
	米³/小时 (m³/h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power												
-6°	1250.9	347.47	3.56	730	16.14	Y225M-8	75.15	450										
	1529.2	424.78	2.30		11.84		(Bs)		80.89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

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

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

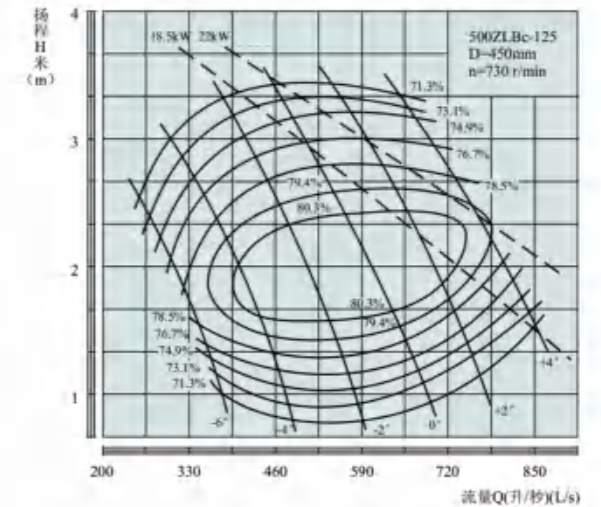
500ZLBc-125 性能曲线图 (高速)

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

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

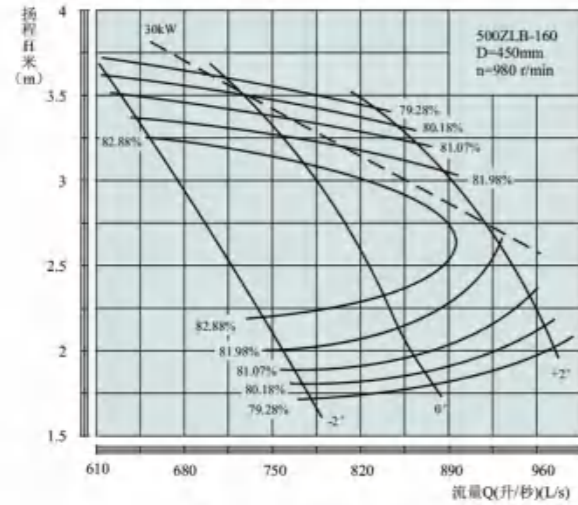
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head (m)	转速n Speed (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)							
	米³/小时 (m³/h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power									
-2°	1573	437	2.75	730	15.1	Y225S-8	78	450							
	1822	506	1.90		11.6		(Bs)		81.5						
	2050	570	1.10		8.2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

## Z(H)LB 系列立式轴 (混) 流泵

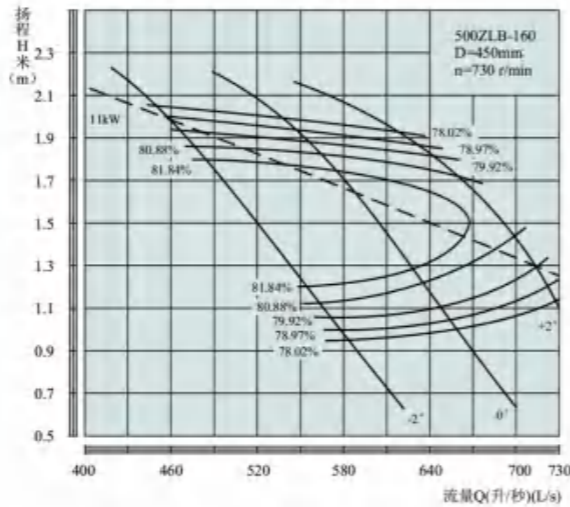
## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 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)

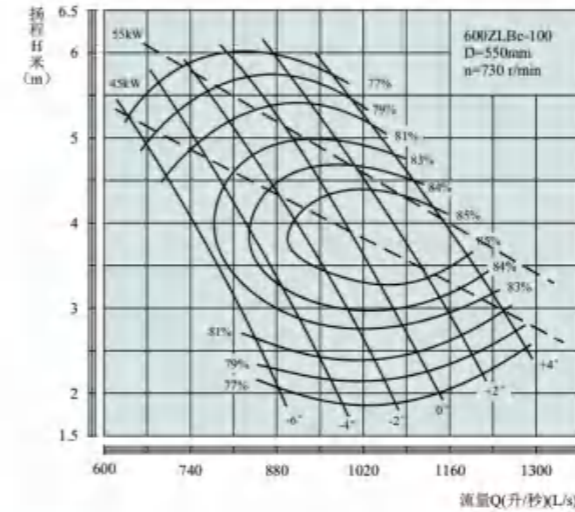
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)	
	米³/小时 (m³/h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power			
-2°	2192.4	609	3.72	980	28.0	Y250M-6	79.28	450	
	2545.2	707	2.56		21.1	(Bs)	84.23		
	2804.4	779	1.71		16.5	37kW	79.28		
0°	2568.6	713.5	3.57		31.5	Y280S-6 (Bs)	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		45kW		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)

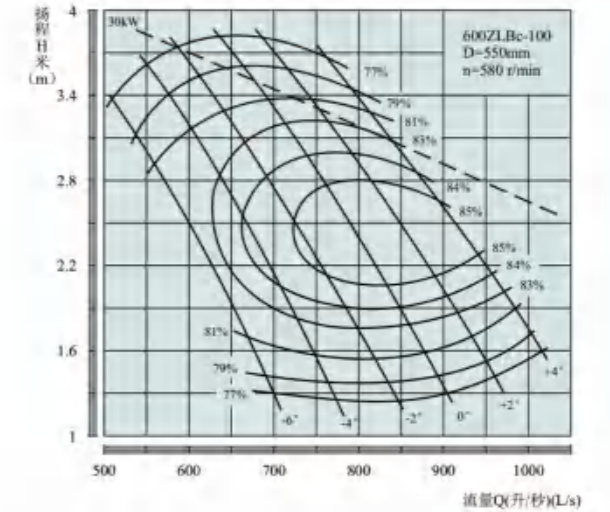
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)	
	米³/小时 (m³/h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power			
-2°	1633.3	453.7	2.06	730	11.7	Y200L-8	78.01	450	
	1896.1	526.7	1.42		8.8	(Bs)	83.27		
	2040.1	566.7	1.06		7.4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

### 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 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power			
-6°	2556	710	4.45	730	38.2	Y280M-8 (Bs)	81	550	
	2808	780	3.49		32.7		81.6		
	3132	870	2.43		26.2		79		
-4°	3024	840	4.0		39.2		45kW		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 (Bs)	84		
	3420	950	3.49		38.2		85		
	3672	1020	2.52		31.1		81		
0°	3348	930	4.47		47.9		55kW		85
	3672	1020	3.59		42.2				85
	3852	1070	2.95		37.3				83
+2°	4104	1140	3.37	44.3	85				
	4176	1160	2.9	39.7		83			
+4°	4176	1160	3.79	50.7	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 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-6°	2016	560	2.88	580	19.5	Y225M-6 皮带传动 30kW	81	550
	2484	690	1.43		12.2		79	
-4°	2182	606	3.15		23.1		81	
	2412	670	2.50		19.5			
-2°	2707	752	1.54		14		81	
	2311	642	3.26		25.3			
0°	2585	718	2.53		21.0	85		
	2851	792	1.75		16.6		82	
	2498	694	3.36		28.2		81	
+2°	2880	800	2.36		21.8	85		
	3161	878	1.60		17		81	
	2761	767	3.2		29.3		82	
+4°	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		

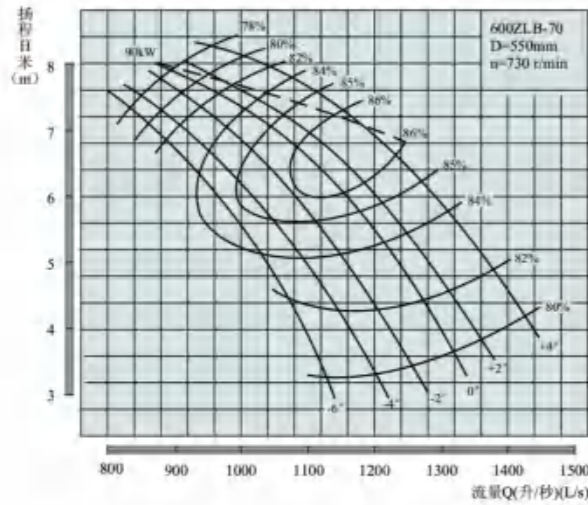
## Z(H)LB 系列立式轴 (混) 流泵

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

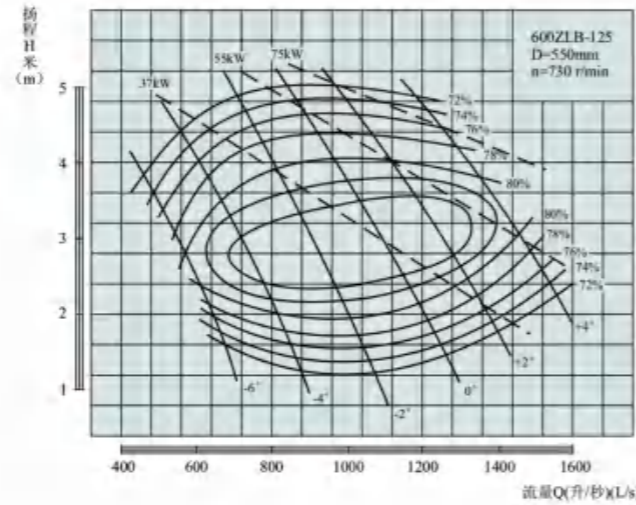
### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

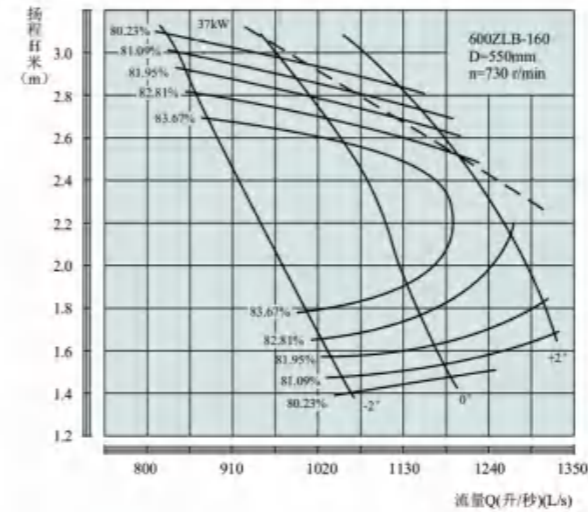
600ZLB-70 性能曲线图  
600ZLB-70 CHARACTERISTIC CURVES



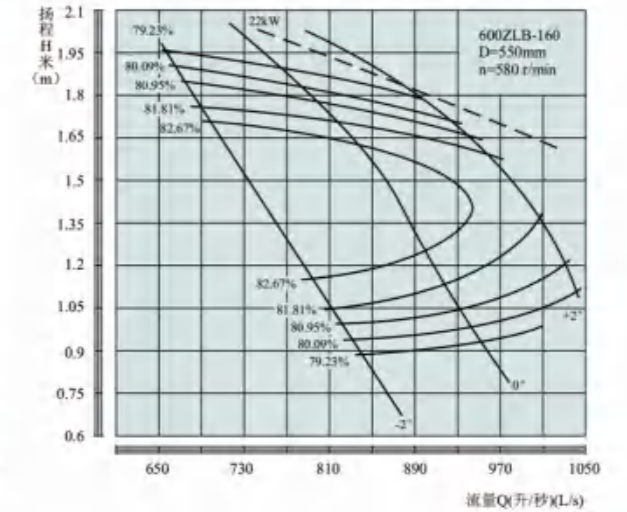
600ZLB-125 性能曲线图  
600ZLB-125 CHARACTERISTIC CURVES



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

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)	
	米 <sup>3</sup> /小时 (m <sup>3</sup> /h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power			
-6°	2987.5	829.86	7.26	730	75.7	Y315L1-8 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		Y315L2-8 110kW		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 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		Y315L2-8 110kW		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 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		Y315L2-8 110kW	78		
	4302.0	1195.00	6.95	94.6			86		
	5165.2	1434.79	4.11	72.2			80		

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

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)	
	米 <sup>3</sup> /小时 (m <sup>3</sup> /h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power			
-2°	2980.8	828	3.08	730	31.2	Y280S-8 (B5) 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 (B5) 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	Y280M-8 (B5) 45kW			80.23
	4345.2	1207	2.51		35.9				82.81
	4728.3	1312.3	1.76		27.9				81.09

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

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)	
	米 <sup>3</sup> /小时 (m <sup>3</sup> /h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power			
-6°	1652.7	459.1	3.85	730	24.1	Y280S-8 (B5) 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 (B5) 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	Y280M-8 (B5) 55kW			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 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 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 90kW	72		
	5040.0	1400.0	3.50	59.3			81		
	5572.8	1548.0	2.26	47.6			72		

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

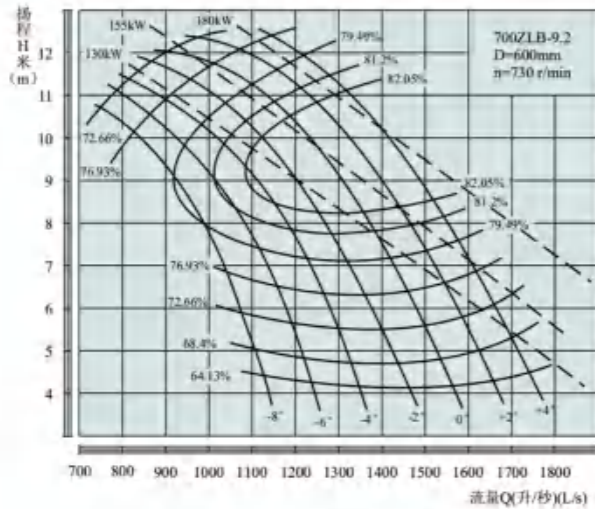
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)	
	米 <sup>3</sup> /小时 (m <sup>3</sup> /h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power			
-2°	2368.8	658	1.95	580	15.9	Y200L2-6 皮带传动 22kW	79.23	550	
	2750.4	764	1.34		12.0		83.96		
	2926.8	813	1.05		10.3		81.81		
0°	2775.6	771	1.87		17.84		Y200L2-6 皮带传动 22kW		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	Y200L2-6 皮带传动 22kW			79.23
	3452.4	959	1.58		18.2				81.81
	3754.8	1043	1.12		14.2				80.09

## Z(H)LB 系列立式轴（混）流泵

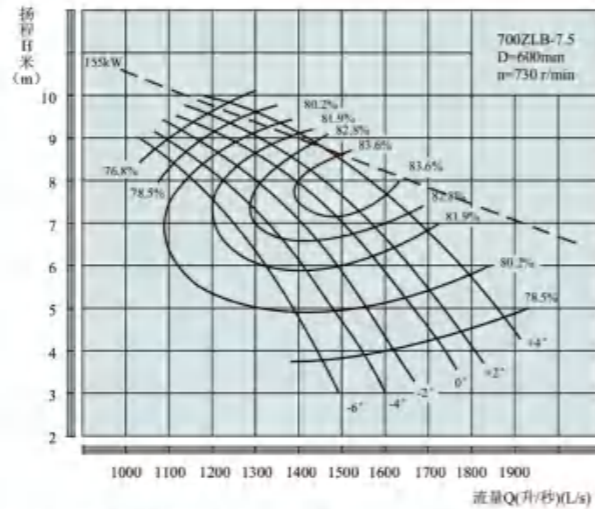
## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

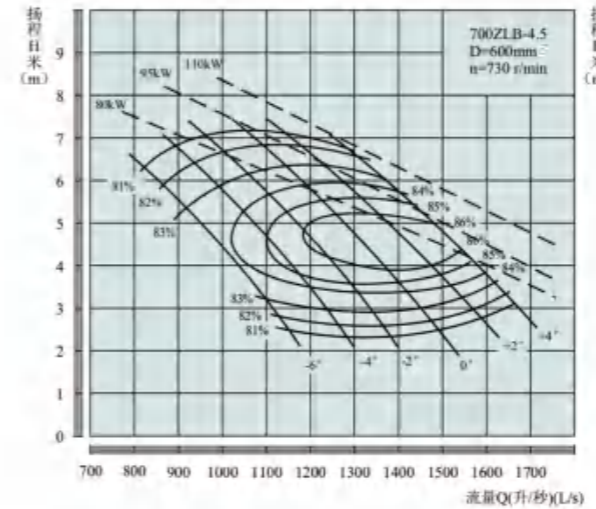
700ZLB-9.2 性能曲线图  
700ZLB-9.2 CHARACTERISTIC CURVES



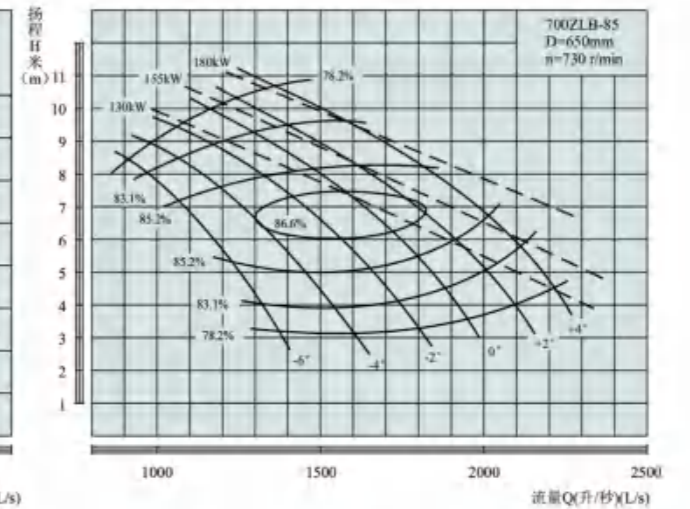
700ZLB-7.5 性能曲线图  
700ZLB-7.5 CHARACTERISTIC CURVES



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



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



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

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)
	米 <sup>3</sup> /小时 (m <sup>3</sup> /h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-8°	3980	1105.57	5.07	730	80.34	JSL-12-8 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		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	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	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	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	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	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 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)
	米 <sup>3</sup> /小时 (m <sup>3</sup> /h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-6°	4032	1120	8.3	730	115.4	JSL-12-8 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	80.5		
	4896	1360	7.6		122.1	83		
	5400	1500	6		109	81		
0°	4644	1290	8.7		135	81.5		
	5220	1450	7.6		128.6	84		
	5688	1580	6.1		116	81.5		
+2°	4824	1340	8.8	143.6	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			

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

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)
	米 <sup>3</sup> /小时 (m <sup>3</sup> /h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-6°	2973.6	826	6.29	730	62.9	JSL-11-8 80kW	81	600
	3276	910	5.37		57.7		83	
	4032	1120	2.82		37.7		82	
-4°	3538.8	983	5.88		68.2		83	
	3870	1075	4.77		59.1		85	
	4392	1220	3.00		43.2		83	
-2°	3769.2	1047	6.13		75.8	83		
	4204.8	1168	4.87		64.8	86		
	4680	1300	3.34		50.7	84		
0°	4075.2	1132	6.34		84.8	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	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 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)
	米 <sup>3</sup> /小时 (m <sup>3</sup> /h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-6°	3308.4	919.0	8.42	730	96.97	JSL-12-8 130kW	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		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	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	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	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			

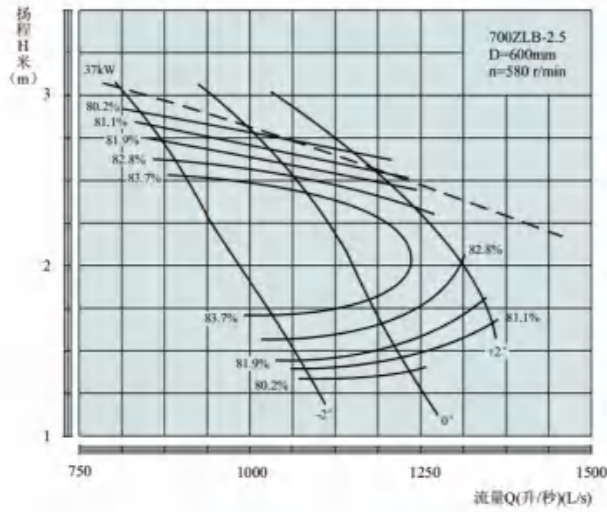
## Z(H)LB 系列立式轴（混）流泵

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

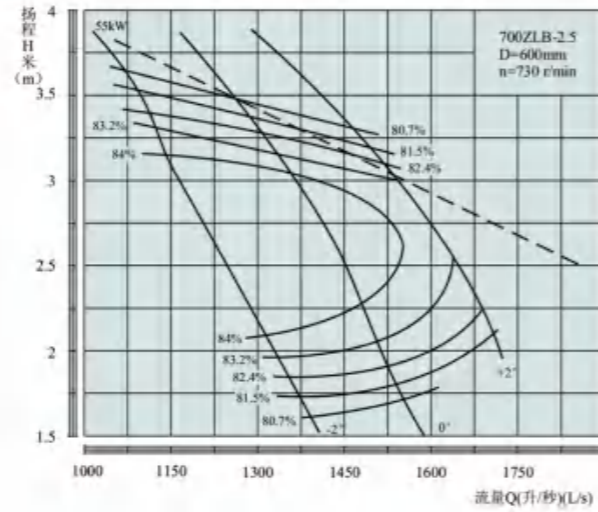
### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

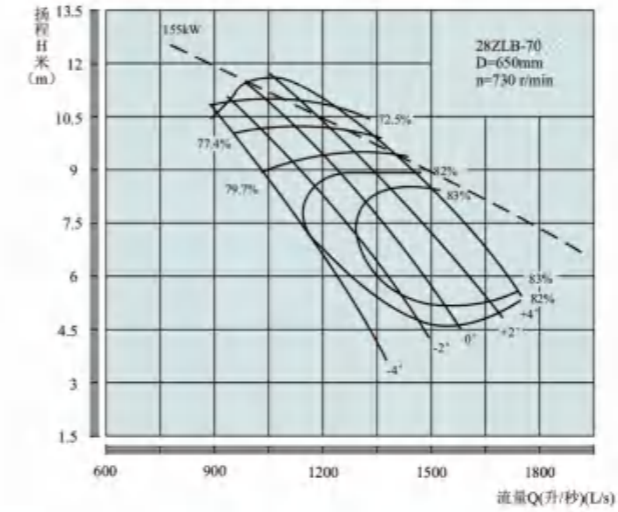
700ZLB-2.5 性能曲线图（低速）  
700ZLB-2.5 CHARACTERISTIC CURVES (LOW SPEED)



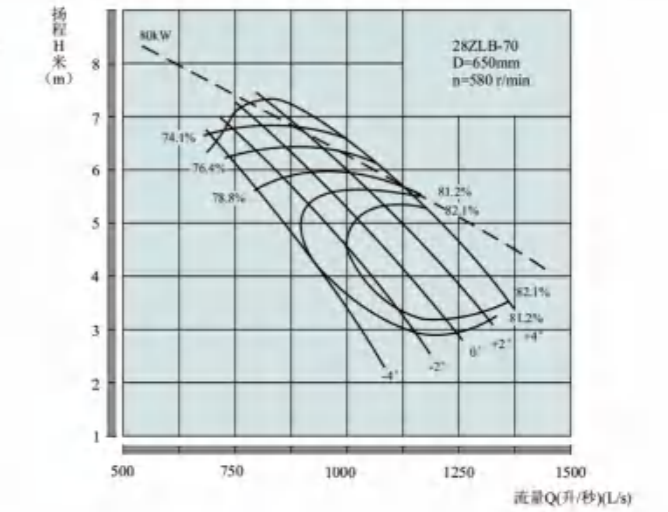
700ZLB-2.5 性能曲线图（高速）  
700ZLB-2.5 CHARACTERISTIC CURVES (HIGH SPEED)



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)



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

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-2°	3934.1	1092.8	1.33	580	17.74	Y315S-10 (B)	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	

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

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-4°	3060	850	10.9	730	124	JSL-12-8 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	

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

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-2°	4930.9	1359.7	1.76	730	28.82	Y315S-8 (B)	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		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	

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

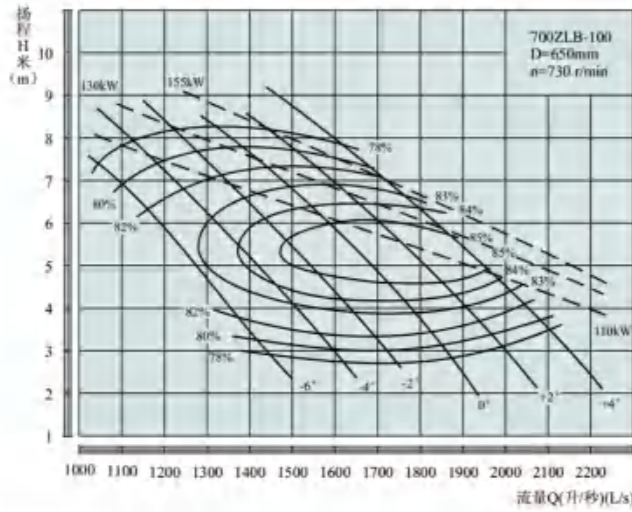
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)
	米³/小时 (m³/h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-4°	2430	675	6.9	580	63.5	JSL-12-10 80kW	72	650
	3125	869	5.12		54		80.9	
	3640	1013	3.18		39.6		79.8	
-2°	2795	776	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 系列立式轴（混）流泵

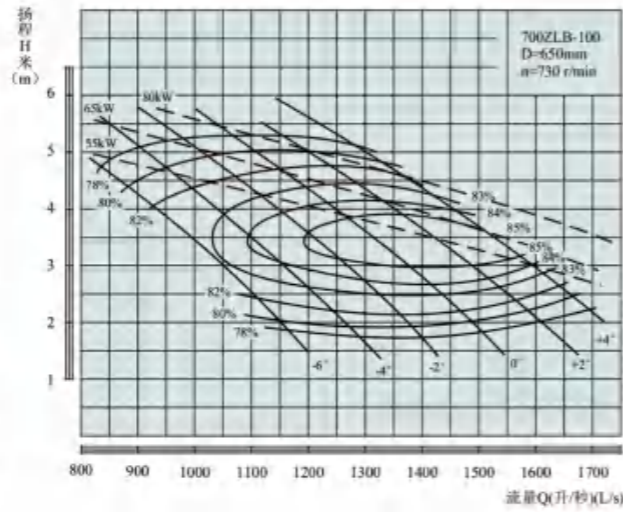
## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 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)

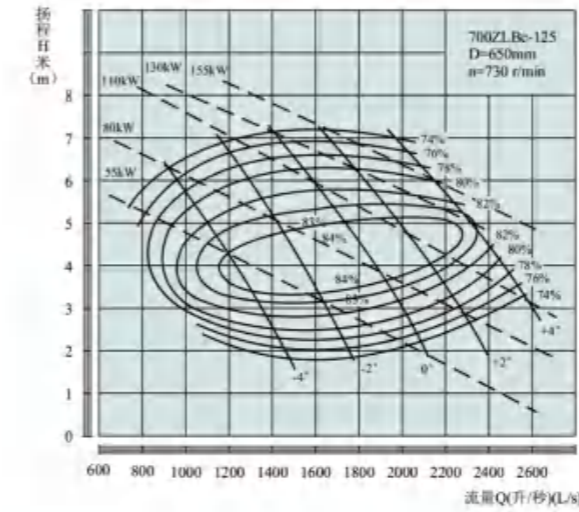
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)
	米³/小时 (m³/h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-6°	3769.8	1047.18	7.42	730	97.7	JSL-12-8	78	650
	4608.6	1280.18	4.99		76.4	110kW	82	
	5198.5	1444.04	2.95		53.5		78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

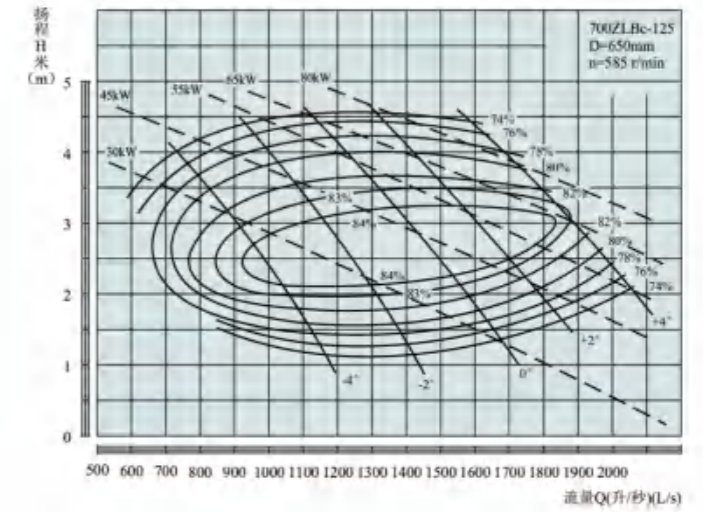
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)
	米³/小时 (m³/h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-6°	3021.0	839.18	4.76	585	50.2	JSL-11-10	78	650
	3693.2	1025.89	3.20		39.2	55kW	82	
	4166.0	1157.21	1.89		27.5		78	
-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		78	
	4505.7	1251.59	3.17		45.8		85	
	4978.5	1382.91	1.94		32.9	JSL-12-10	80	
0°	3981.3	1105.91	5.09		69.0	80kW	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	78		
	5170.5	1436.25	3.40	56.3	95kW	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	155kW	78		

### 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 Vane Angle	流量Q Capacity		扬程H Head (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-4°	3398	944	6.1	730	74.3	JSL-11-8	76	650
	4572	1270	3.61		53.5	80kW	84	
	5141	1428	2.12		39		76	
-2°	4554	1265	6.2		96.1	JSL-12-8	80	
	5623	1562	3.74		68.2	110kW	84.9	
	6322	1756	1.93		43.7		76	
0°	5350	1486	6.5		121.4	JSL-12-8	78	
	6660	1850	4.0		84.8	130kW	85.5	
	7380	2050	2.35		62.1		76	
+2°	6336	1760	6.28		135.5		80	
	7445	2068	4.26		101.7		84.9	
	7992	2220	3.15		85.7	JSL-12-8	80	
+4°	8352	2320	4.81	132	155kW	83		
	8402	2334	4.17	115		83		

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

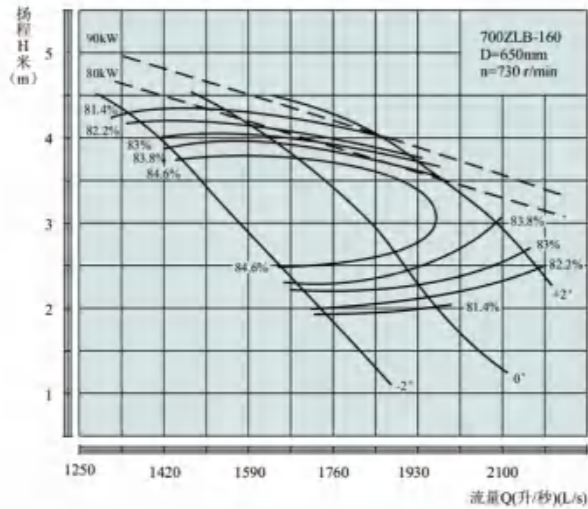
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)
	米³/小时 (m³/h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-4°	2725	757	3.92	585	39.3	Y315S-10	74	650
	3668	1019	2.32		27.6	(Bs)	84	
	4104	1140	1.36		20	45kW	78	
-2°	3636	1010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

## Z(H)LB 系列立式轴 (混) 流泵

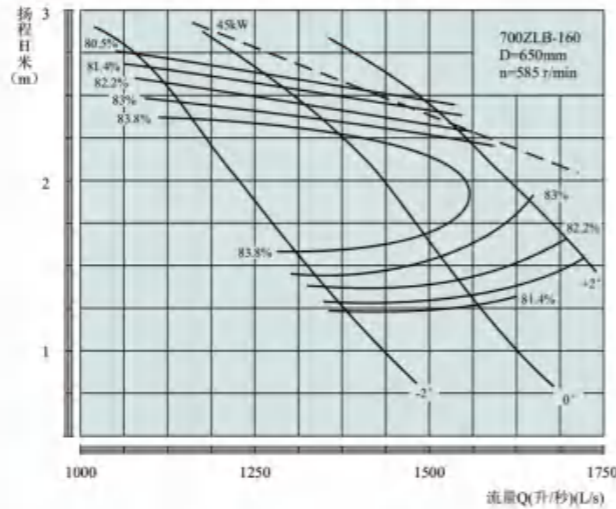
## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 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)

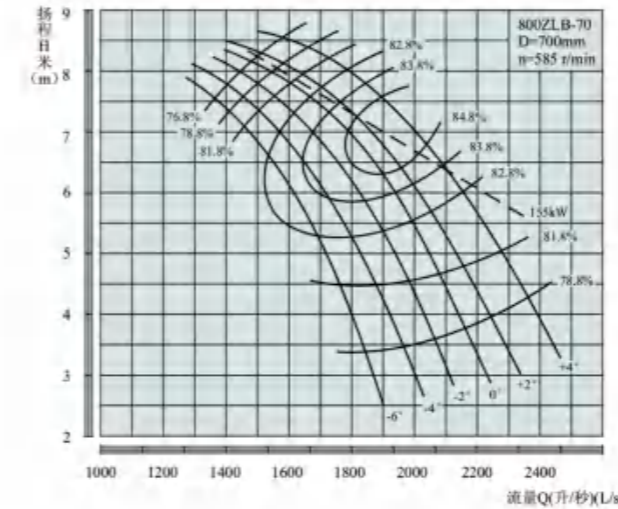
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)	
	米³/小时 (m³/h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power			
-2°	4922.3	1367.23	4.30	730	70.83	JSL-11-8 80kW	81.37	650	
	5714.7	1587.42	2.96		55.27		85.01		
	6295.4	1748.73	1.98		41.72		81.37		
0°	5766.3	1601.76	4.13		79.70	JSL-12-8 90kW	81.37		700
	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 110kW	81.37		700
	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)

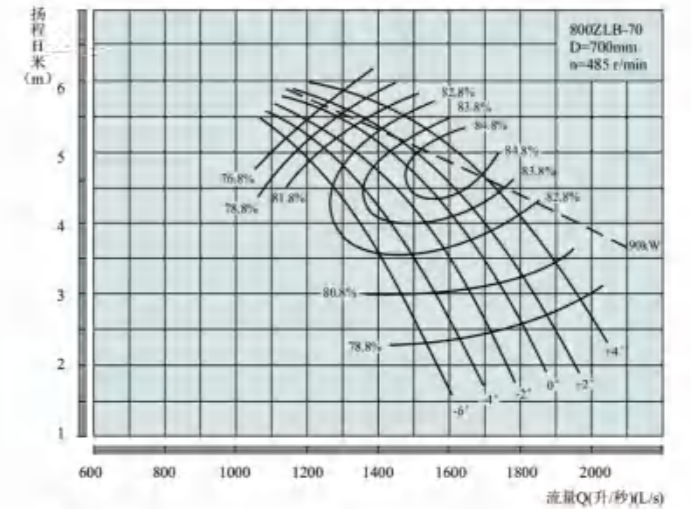
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)	
	米³/小时 (m³/h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power			
-2°	3910.6	1086.29	2.72	580	36.00	Y315S-10 (B) 45kW或 Y280S-6 皮带传动	80.52	650	
	4540.5	1261.24	1.87		27.50		84.23		
	4944.7	1373.53	1.31		21.70		81.35		
0°	4694.3	1303.96	2.52		39.60	Y315S-10 (B) 45kW或 Y280S-6 皮带传动	81.35		700
	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 55kW	80.52		700
	5697.5	1582.65	2.21		41.32		83.00		
	6195.5	1720.98	1.55		32.15		81.35		

### 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 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power			
-6°	6380	1773	4.43	585	97.02	JSL-13-10 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	155kW	80.8		700
	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 180kW	80.8		700
	6365	1768	6.4		131.7		84.2		
	5390	1497	7.77		144.7		78.8		
0°	7535	2093	4.61		117.1	180kW	80.8		700
	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 180kW	80.8		700
	6830	1896	6.84		148.9		85.4		
	5645	1568	8.11		158.2		78.8		
+4°	8210	2281	5.02		138.8	180kW	80.8		700
	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)

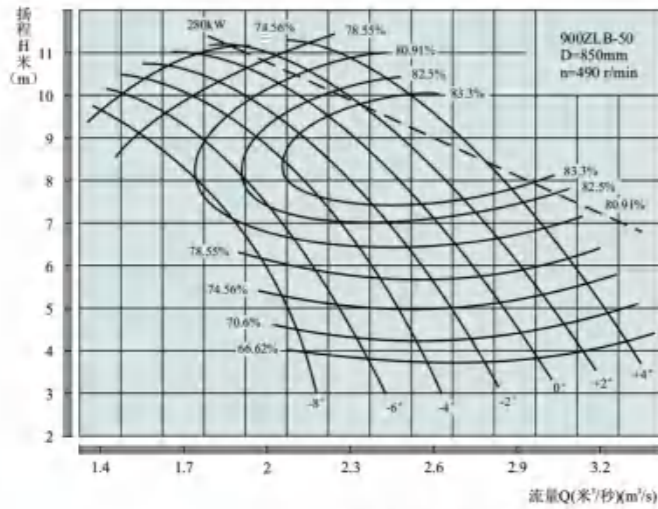
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)	
	米³/小时 (m³/h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power			
-6°	5289	1469	3.04	485	55.5	90kW	79	700	
	4734	1315	4.26		66.6		82.5		
	4228	1174	5.0		73.9		78		
-4°	5646	1568	3.03		58.3	90kW	80		700
	4974	1381	4.35		71.0		83		
	4199	1166	5.35		80.5		76		
-2°	5940	1651	3.05		61.0	90kW	80.8		700
	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		700
	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		700
	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		700
	5910	1642	4.95		94.0		84.8		
	5140	1428	5.63		97.5		80.8		



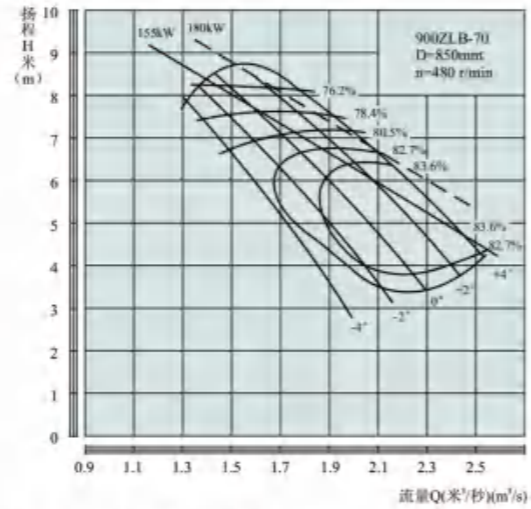
## Z(H)LB 系列立式轴（混）流泵

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

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 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-8°	7595.6	2109.90	4.58	490	134.19	JSL-14-12 280kW (380V) 或 JSL-15-12 280kW (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	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	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	70.6			
	9829.8	2730.5	8.79	280.12	84.0			
	7858.5	2182.93	11.20	305.19	78.53			

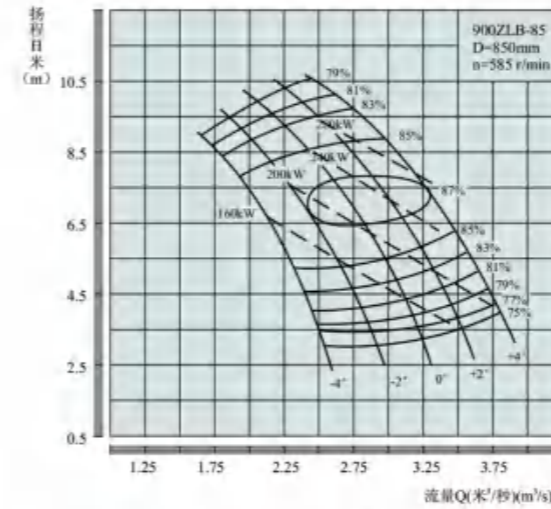
900ZLB-70 工作性能表 900ZLB-70 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-4°	4500	1250	8.06	480	133	JSL-14-12 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	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	81.1			
	8650	2405	5.33	148	85.3			
	9300	2580	4.27	128	84.8			

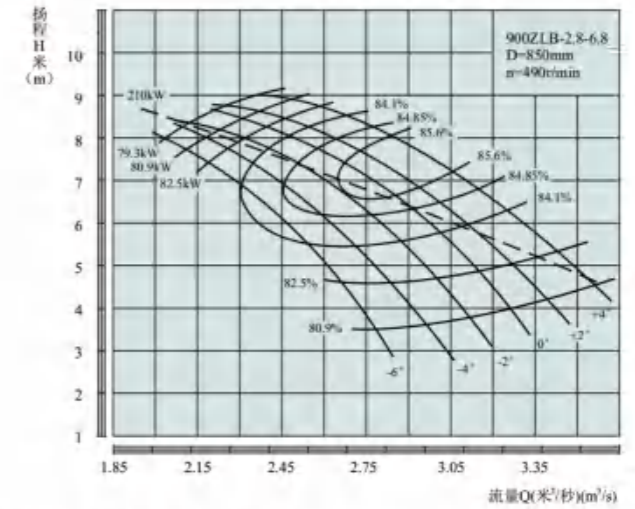
## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

900ZLB-85 性能曲线图  
900ZLB-85 CHARACTERISTIC CURVES



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



900ZLB-85 工作性能表 900ZLB-85 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-4°	5724	1590	9.18	585	198	JSL-14-10 250kW (380V)	77	850
	6192	1720	8.67		180		81	
	6984	1940	7.60		95		85	
-2°	6300	1750	9.76		218	77		
	6840	1900	9.25		212	81		
	7776	2160	8.19		204	85		
0°	6912	1920	10.21		250	77		
	10008	2780	6.55		205	87		
	10512	2920	5.72		193	85		
+2°	8460	2350	9.95		283	81		
	10296	2860	7.84		253	87		
	11412	3170	5.99		220	85		
+4°	10692	2970	8.73	300	85			
	11700	3250	7.25	266	87			
	12852	3570	5.34	234	81			

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

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-6°	9996	2777	3.5	490	117.6	JSL-14-12 210kW	81.0	850
	9335	2593	5.1		155.2		83.6	
	8301	2306	6.8		182.3		84.1	
-4°	7637	2121	7.5		193.8	81.0		
	10667	2963	3.6		127.8	81.0		
	9906	2752	5.1		164.6	83.6		
-2°	8841	2456	6.7		190.4	84.9		
	7858	2183	7.8		206.1	81.0		
	11214	3115	3.7		139.3	81.0		
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		
+2°	11753	3265	3.9	153.9	81			
	11124	3090	5.1	185.9	83.1			
	10080	2800	6.8	218.1	85.6			
+4°	8308	2308	8.3	230.7	81.0			
	12154	3376	4.1	167.3	81.0			
	10512	2920	6.7	224.1	85.6			
+4°	9732	2731	7.5	233.3	85.6			
	8481	2356	8.4	238.7	81.0			
	12790	3553	4.4	190.3	81.0			
+4°	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

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

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

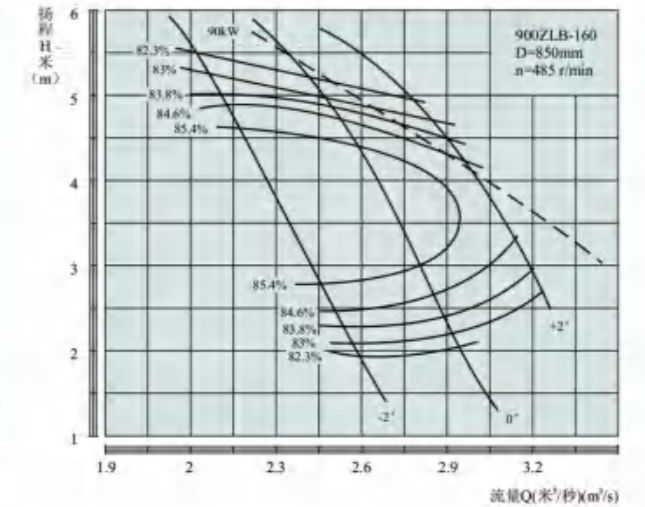
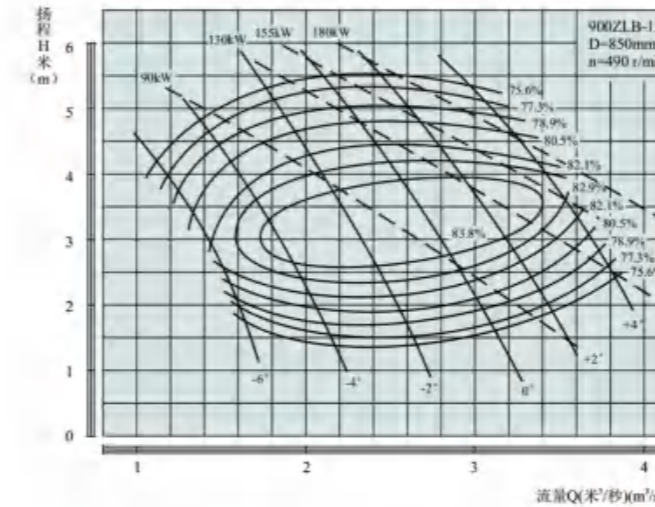
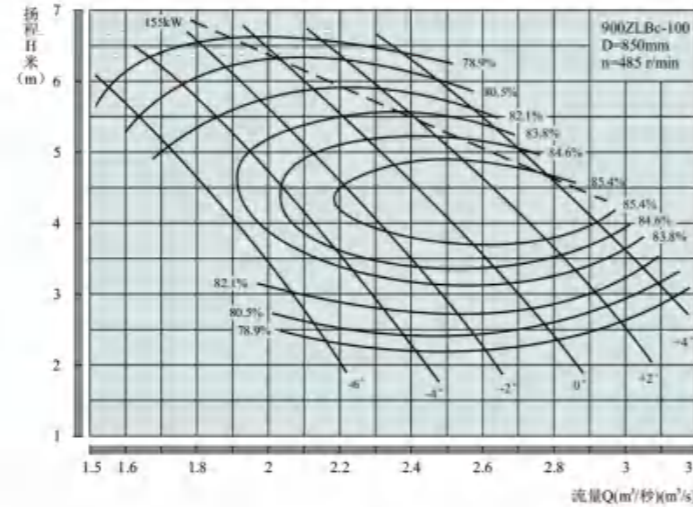
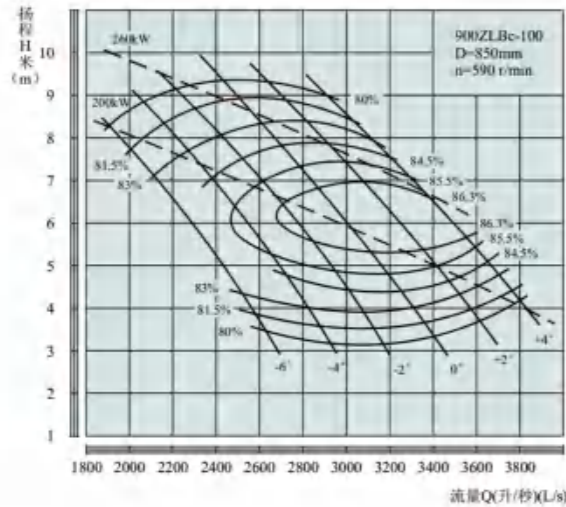
### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

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

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

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

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



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

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-6°	9395	2609.8	3.81	590	124.5	JSL-14-10 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 260kW	80	
	9327	2590.9	5.45		161.5		85.7	
	8496	1260.0	7.01		194.2		83.5	
-2°	11393	3164.6	2.98		115.6	JSL-15-10 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 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 260kW	87		
	11528	3202.3	5.56	200.7		84.5		
	11195	3109.7	6.70	241.7		84.5		
+4°	13110	3641.7	4.95	209.1	JSL-15-10 260kW	84.5		
	12495	3470.8	5.92	232.9		86.5		
	12162	3378.3	6.50	250.3		80		

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

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-6°	4095	1137.6	4.14	490	61.1	JSL-12-12 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 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 130kW	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-14-12 155kW	82.9	
	10330	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-14-12 155kW	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-14-12 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		

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

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-6°	7722	2145	2.36	485	62.9	JSL-14-12 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-14-12 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-14-12 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-14-12 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-14-12 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-14-12 180kW	80.5		
	10271	2853	4.22	138.0		85.54		
	9475	2632	5.33	164.1		83.8		

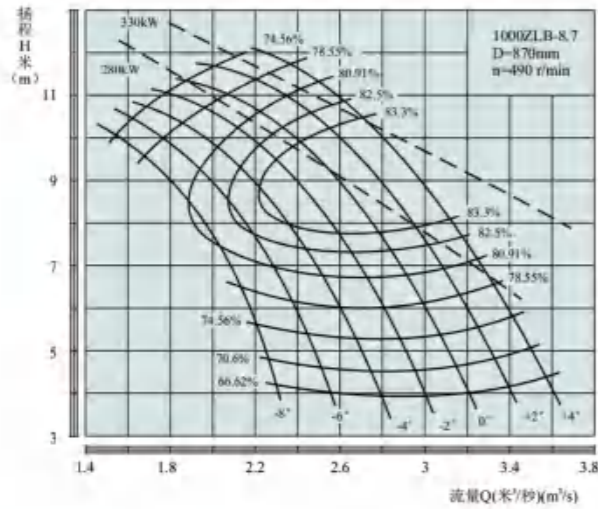
900ZLB-160 工作性能表 900ZLB-160 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power			
-2°	9234	2565	1.57	485	48.0	Y355M-12 110kW 或 JSL-13-12 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		JSL-13-12 130kW		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	JSL-13-12 130kW	83.0		
	10656	2960	2.64		90.6		84.6		
	9968.4	2769	3.00		98.5		82.3		

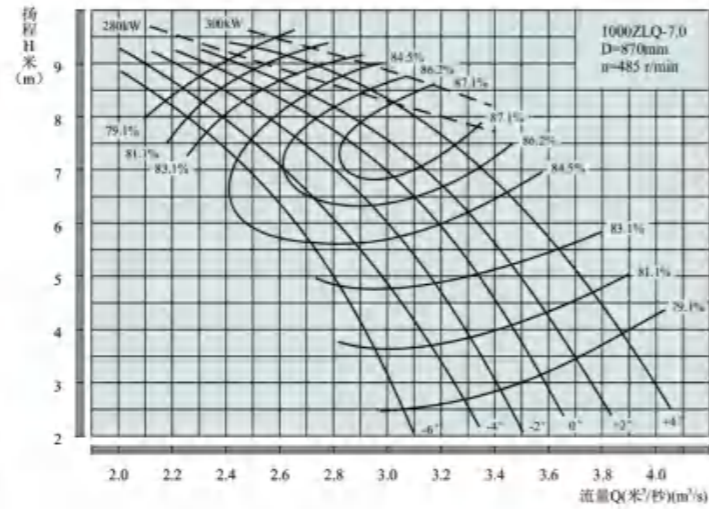
## Z(H)LB 系列立式轴 (混) 流泵

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

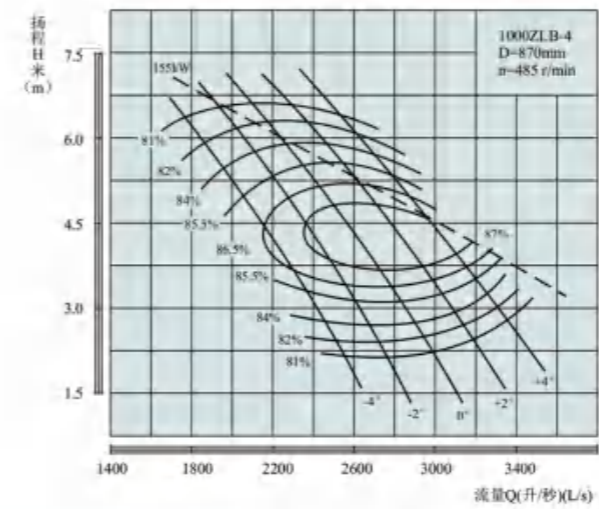
1000ZLQ/B-7.0 工作性能表 1000ZLQ/B-7.0 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head (m)	转速n Speed (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	配用电机及功率 Required Power				
-6°	7848	2.18	8.26	485	223.3	JSL-14-12 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	JSL-15-12 330kW	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 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				JSL-15-12 330kW	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	JSL-15-12 330kW			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		JSL-15-12 330kW		84.5		
	11356	3.15	7.88	279.6				87.1		
	13356	3.71	5.00	223.2				81.5		

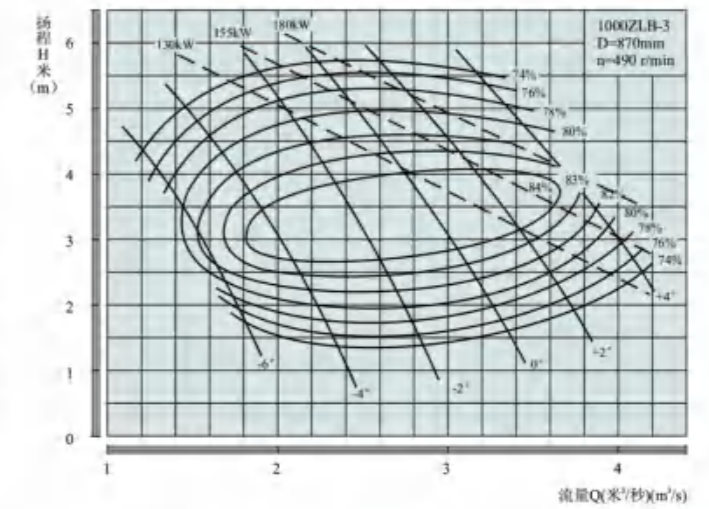
## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

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

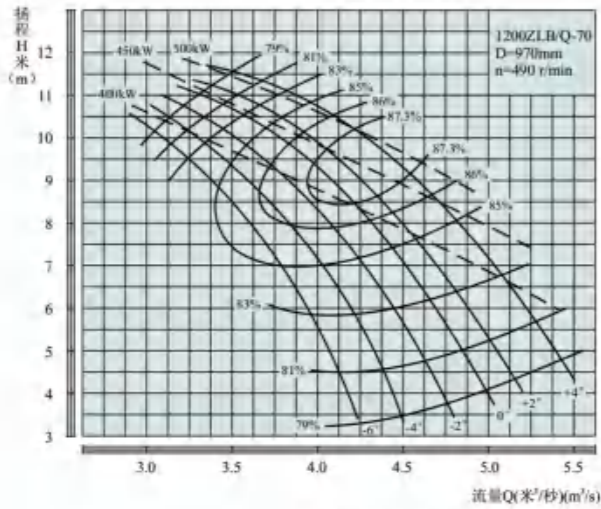
1000ZLB-3 工作性能表 1000ZLB-3 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head (m)	转速n Speed (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)
	米³/小时 (m³/h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 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	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	80	
	8964	2490	3.18		92.4		84	
	9864	2740	1.97		66.1		80	
0°	8953	2478	5.00		151.8	JSL-14-12	80	
	10754	2987	3.32		114.4		85	
	11628	3230	2.21		87.5		80	
+2°	10325	2868	4.96	174.3	JSL-14-12	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	80		
	13554	3765	3.80	169.0		83		
	14148	3930	3.22	155.1		80		

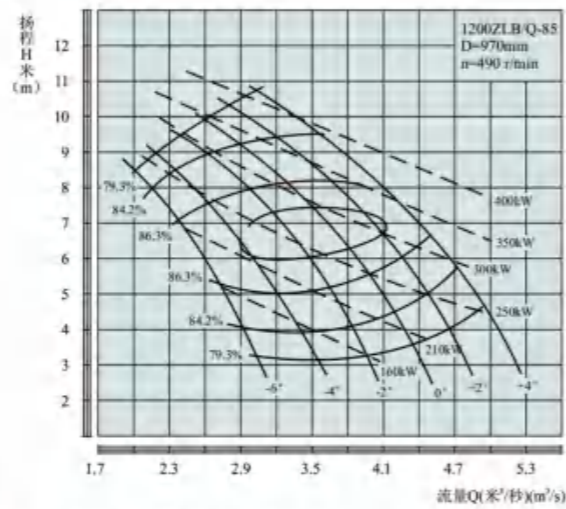
## Z(H)LB 系列立式轴（混）流泵

### 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 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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	配用电机及功率 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		970		
	13860	3.85	7.90		347		86				
	12024	3.34	9.86		389		83				
-2°	16668	4.63	4.78		268	450kW	81			970	
	15264	4.24	7.20		353		85				
	13428	3.73	9.43		402		86				
0°	12024	3.34	10.47		424	450kW	81				970
	17468	4.85	5.07		298		81				
	16128	4.48	7.20		377		84				
+2°	14760	4.10	9.03	416	500kW	87.3	970				
	13320	3.70	10.21	436		85					
	18072	5.02	5.30	323		81					
+4°	16524	4.59	7.64	405	500kW	85		970			
	15732	4.37	8.64	424		87.3					
	12600	3.50	10.92	463		81					
-6°	19008	5.28	5.13	328	560kW	81			970		
	17316	4.81	8.07	448		85					
	16416	4.56	9.19	470		87.3					
-4°	13284	3.69	11.29	505	560kW	81				970	

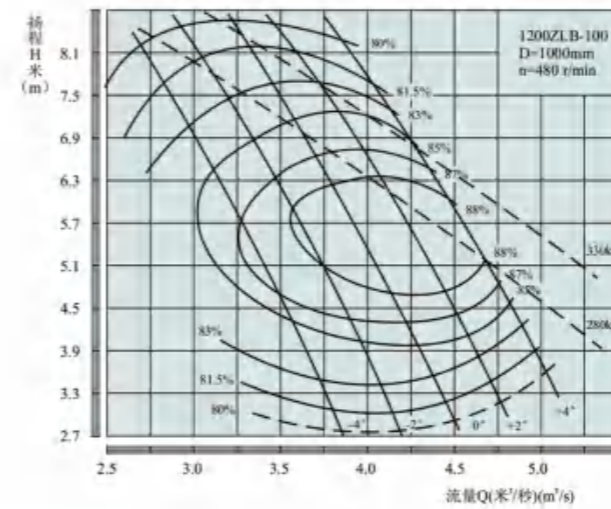
1200ZLB/Q-85 工作性能表 1200ZLB/Q-85 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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	配用电机及功率 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		970		
	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	330kW	79.3			970	
	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				970
	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	970				
	14760	4.1	6.8	311.5		87.7					
	10440	2.9	10.13	363		79.3					
-6°	17640	4.9	4.95	299.7	400kW	79.3		970			
	15480	4.3	7.0	339.8		86.8					
	12780	3.55	9.5	392.9		84.2					

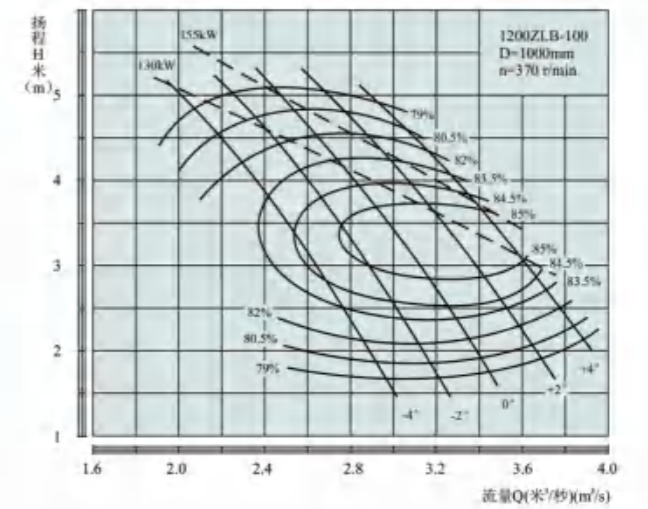
## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

1200ZLB-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 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power					
-4°	11304	3138.7	6.43	480	232.7	JSL-15-12 280kW (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 280kW (6kV)	87		1000		
	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 280kW (6kV)	88			1000	
	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 330kW	87				1000
	15448	4291	5.43		259.5		88				
	17028	4732.6	3.53		200.4		81.7				
+4°	15624	4340.2	6.45	313.8	JSL-15-12 330kW	87.42	1000				
	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 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power					
-4°	8714	2420.4	3.82	370	108.5	JSL-14-16 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	JSL-14-16 130kW	83.5		1000		
	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	JSL-14-16 130kW	85			1000	
	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	JSL-14-16 130kW	85				1000
	12553	3487.4	2.62		105.9		84.5				
	13320	3700	1.90		87.2		79				

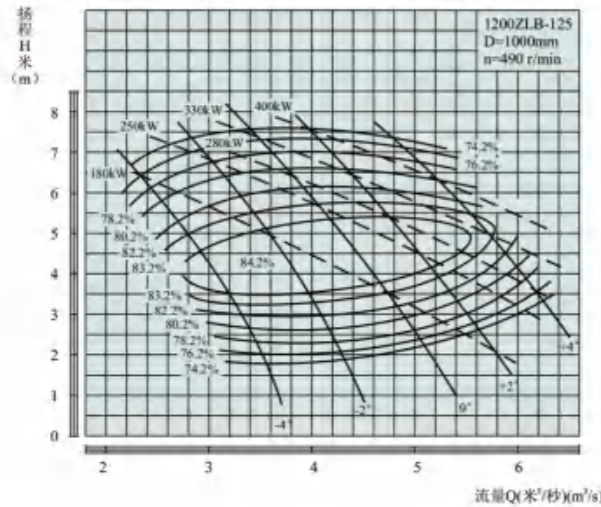
## Z(H)LB 系列立式轴 (混) 流泵

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

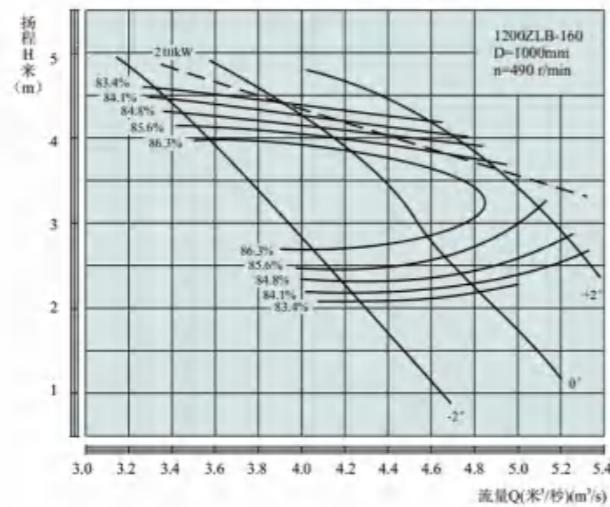
### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

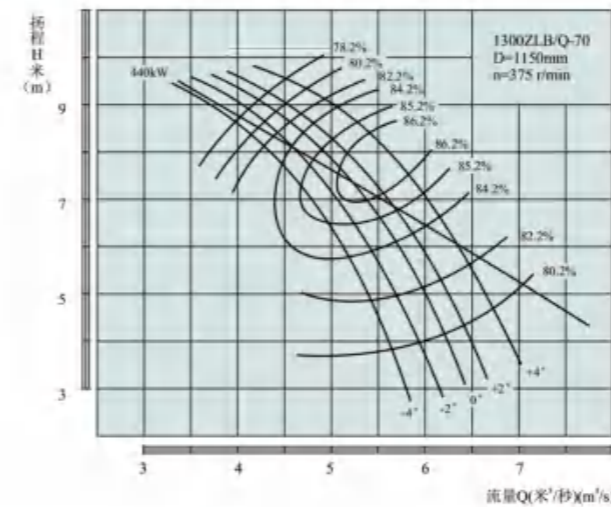
1200ZLB-125 性能曲线图  
1200ZLB-125 CHARACTERISTIC CURVES



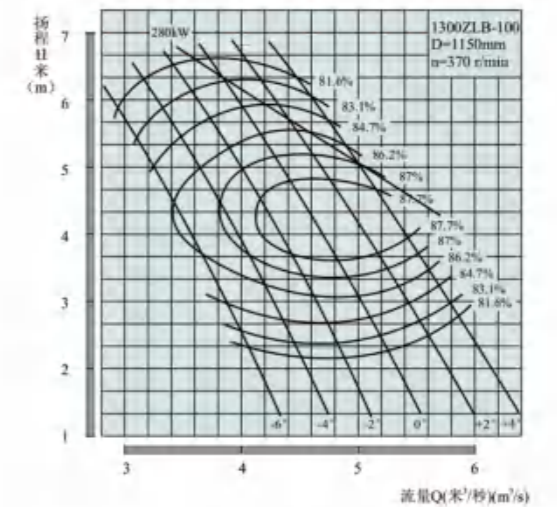
1200ZLB-160 性能曲线图  
1200ZLB-160 CHARACTERISTIC CURVES



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



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



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

叶片安放角 Vane Angle	流量Q Capacity 米³/秒 (m³/s)		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power				
-4°	2.79	4.95	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	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	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	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	5.71	372	400kW	82.2		1000		
	5.72	5.02		339		83.2				
	6.07	3.92		298		78.2				

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

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power				
-4°	20220	5616	3.81	375	262	440kW	80.2	1150		
	17050	4735			381		85.2			
	14890	4137			424		80.2			
-2°	21265	5907	3.93		284	TL500-16/ 1730 500kW	80.2		1150	
	18095	5026			411		85.2			
	14765	4101			455		78.2			
0°	22260	6184	4.18		316	TL500-16/ 1730 500kW	80.2			1150
	18830	5230			442		86.2			
	15760	4378			474		80.2			
+2°	23050	6403	4.36	341	TL500-16/ 1730 500kW	80.2	1150			
	19405	5390		465		86.2				
	17335	4815		480		84.2				
+4°	24255	6738	4.72	389	560kW	80.2		1150		
	20270	5630		511		86.2				
	16940	4705		535		80.2				

★ 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 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power				
-2°	15386	4274	2.11	490	106.0	JSL-14-12 210kW	83.4	1000		
	13968	3880			138.8		86.6			
	12031	3342			180.3		83.4			
0°	17323	4812	2.21		125.0	JSL-15-12 210kW	83.4		1000	
	16222	4506			162.3		86.6			
	14440	4011			200.3		84.1			
+2°	19058	5294	2.63		162.3	JSL-15-12 280kW	84.1			1000
	18112	5031			197.6		85.6			
	16402	4556			225.5		83.4			

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

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

## Z(H)LB 系列立式轴（混）流泵

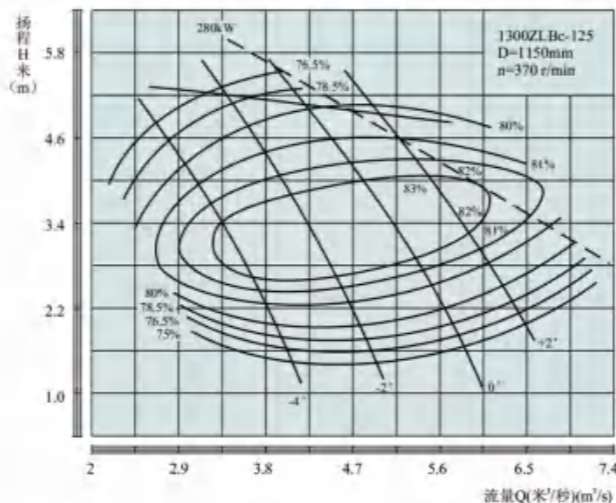
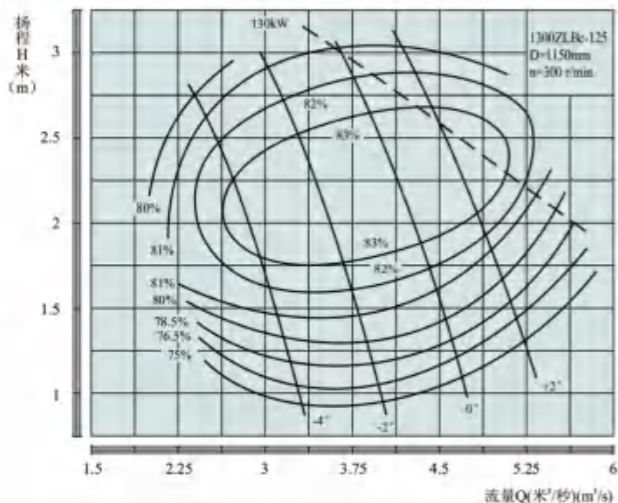
## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

1300ZLBe-125 性能曲线图（低速）  
1300ZLBe-125 CHARACTERISTIC CURVES (LOW SPEED)

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



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

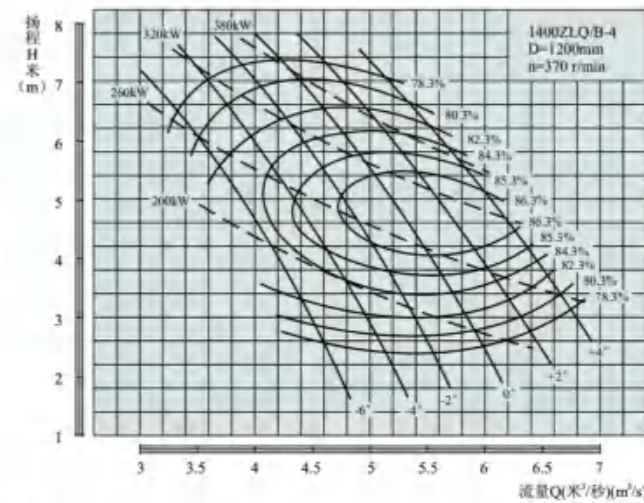
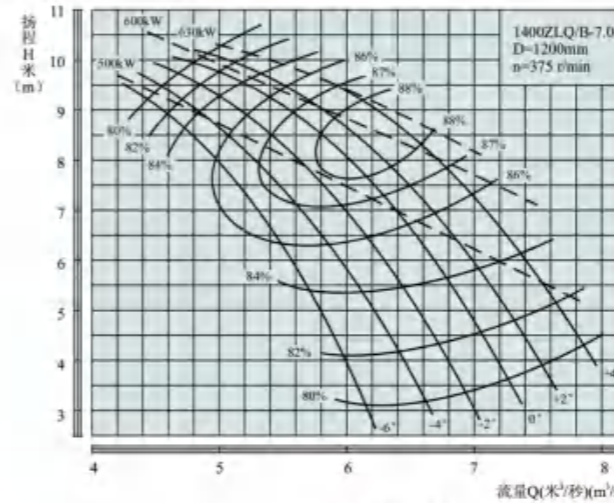
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)
	米³/小时 (m³/h)	米³/秒 (m³/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-2°	14400	4.00	1	300	51.6	JSL-12-8 130kW 皮带传动 齿轮箱传动	76	1150
	13608	3.78	1.5		68.4		81.3	
	12744	3.54	2		82.6		84	
	11880	3.30	2.5		97.4		83	
	10908	3.03	3		110.7		80.5	
	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			

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

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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	配用电机及功率 Required Power		
-2°	17787	4.94	1.5	370	96.2	JSL-15-16 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	
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			
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				

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 Vane Angle	流量Q Capacity 米³/秒 (m³/s)	扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)
				轴功率 Shaft Power	配用电机及功率 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	82		
	5.71	7.73		498	87		
	4.83	9.38		542	82		
0°	7.03	4.55		383	82		
	6.20	7.10		510	84		
	5.08	7.70		542	82		
+2°	7.37	4.75	414	82			
	6.12	8.20	564	86			
	4.88	9.99	598	80			
+4°	7.66	5.14	471	82			
	6.85	7.70	578	86			
	6.40	8.69	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 Vane Angle	流量Q Capacity 米³/秒 (m³/s)	扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)
				轴功率 Shaft Power	配用电机及功率 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	80.3		
	5.17	3.75		223	85.3		
	4.74	5.00		269	86.3		
0°	4.25	6.34		321	82.3		
	6.00	2.50		190	78.3		
	5.70	3.40		220	82.3		
+2°	6.38	4.50	311	82.3			
	5.54	4.07	349	86.3			
	4.94	6.56	386	82.3			
+4°	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			

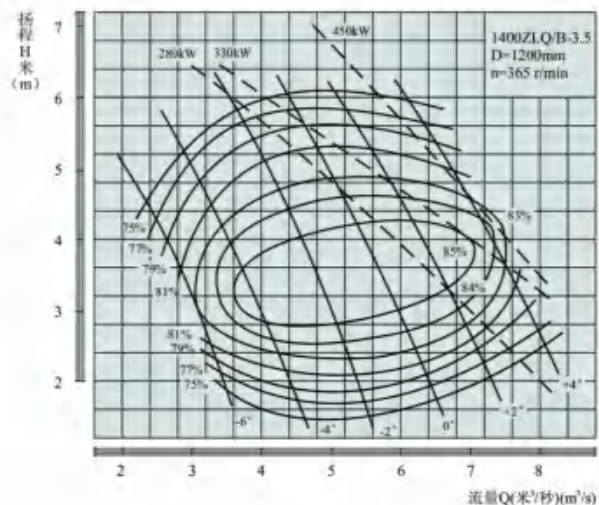
## Z(H)LB 系列立式轴 (混) 流泵

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

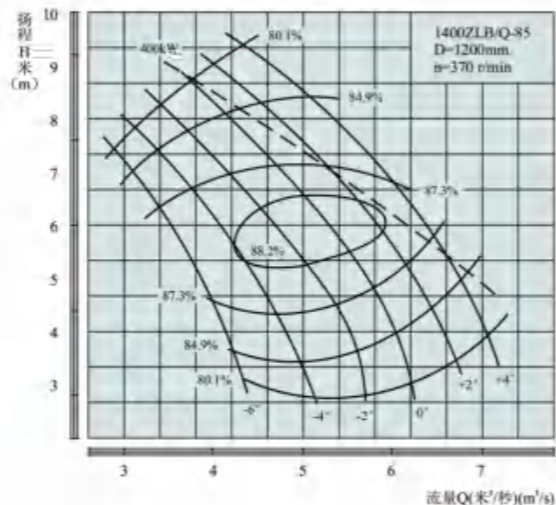
### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

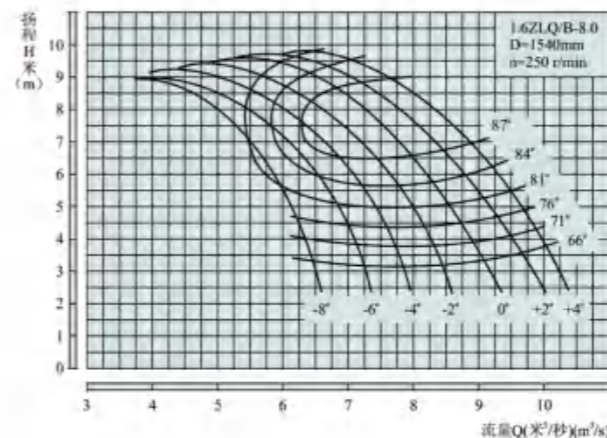
1400ZLQ/B-3.5 性能曲线图  
1400ZLQ/B-3.5 CHARACTERISTIC CURVES



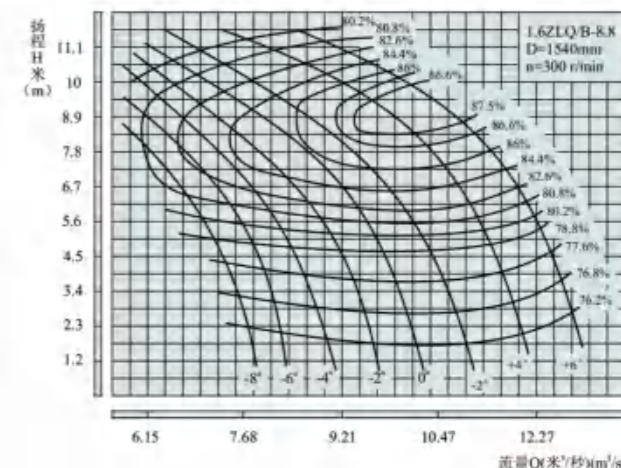
1400ZLB/Q-85 性能曲线图  
1400ZLB/Q-85 CHARACTERISTIC CURVES



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



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

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电动机功率 Required Power		
-6°	8582.4	2384	4.58	365	142.7	JSL-15-16 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	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	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			

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

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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	电动机功率 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 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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	电动机功率 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				

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

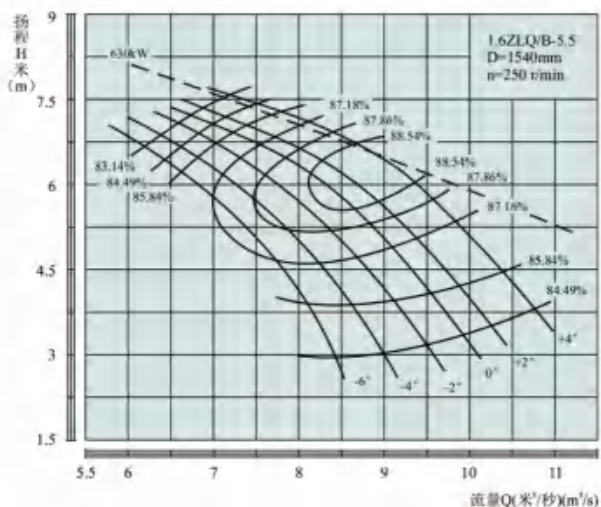
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)
	米³/小时 (m³/h)	米³/秒 (m³/s)			轴功率 Shaft Power	配用电动机功率 Required Power		
-6°	15840	4.4	2.8	370	150.7	400kW	80.1	1200
	13320	3.7	5.5		228.4		87.3	
	10440	2.9	7.5		266.1		80.1	
-4°	18360	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	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

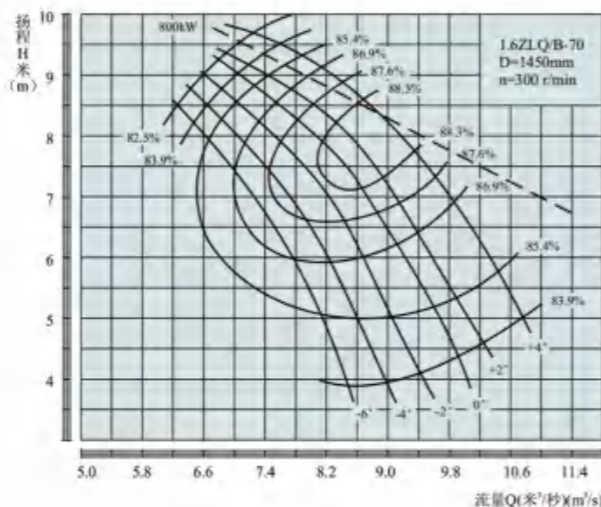
## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 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

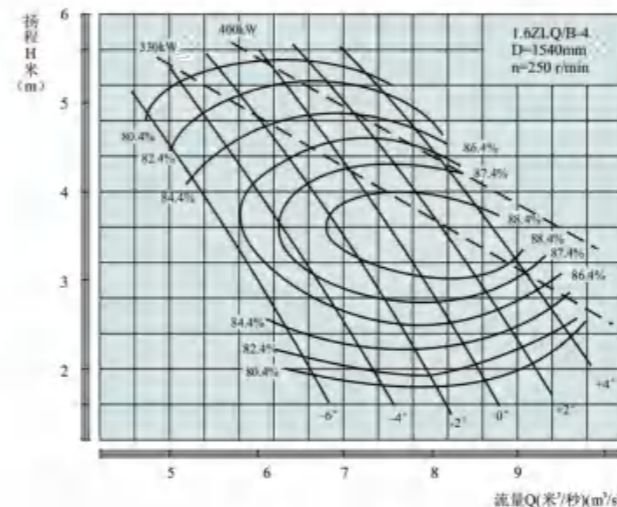


1.6ZLQ/B-70 性能曲线图  
1.6ZLQ/B-70 CHARACTERISTIC CURVES

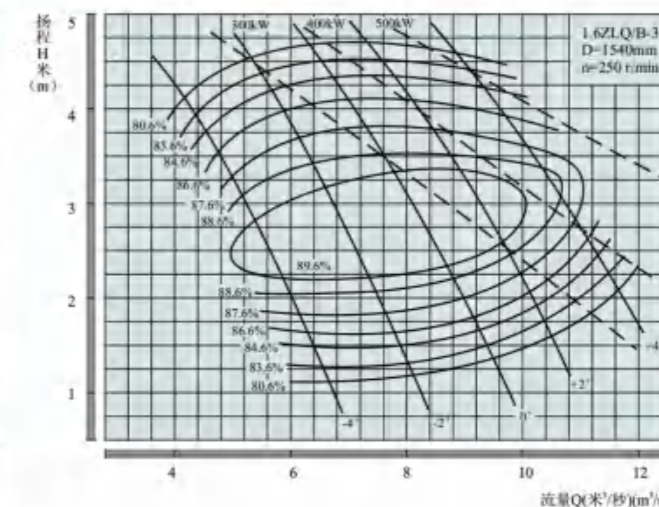


### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

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

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-6°	29050	8069.5	3.92	250	361.3	630kW	85.84	1540
	25994	7220.6			445.0		87.18	
	23845	6623.5			470.5		85.84	
-4°	22417	6227.0	489.8		83.14			
	30981	8605.9	390		383.3		85.84	
	28295	7859.6	5.19		458.7		87.18	
-2°	27287	7579.7	5.59		472.8		87.86	
	23047	6402.0	6.88		519.4		83.14	
	32619	9060.7	3.92		405.7		85.84	
0°	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	
+2°	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			
+4°	26195	7276.5	6.89	572.6	85.84			
	33752	9375.5	5.01	528.2	87.18			
	33493	9025.7	5.50	552.4	88.11			
+6°	29848	8291.2	6.39	586.6	88.54			
	25692	7136.6	7.17	593.8	84.49			
	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 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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	配用电机及功率 Required Power		
0°	34632	9.62	5.0	300	553.5	TL800-20/ 2150 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	

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

叶片安放角 Vane Angle	流量Q Capacity 米³/秒 (m³/s)	扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)
				轴功率 Shaft Power	配用电机及功率 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		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		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	80.4			
	8.74	3.48	336	88.6			
	7.80	4.68	423	84.4			

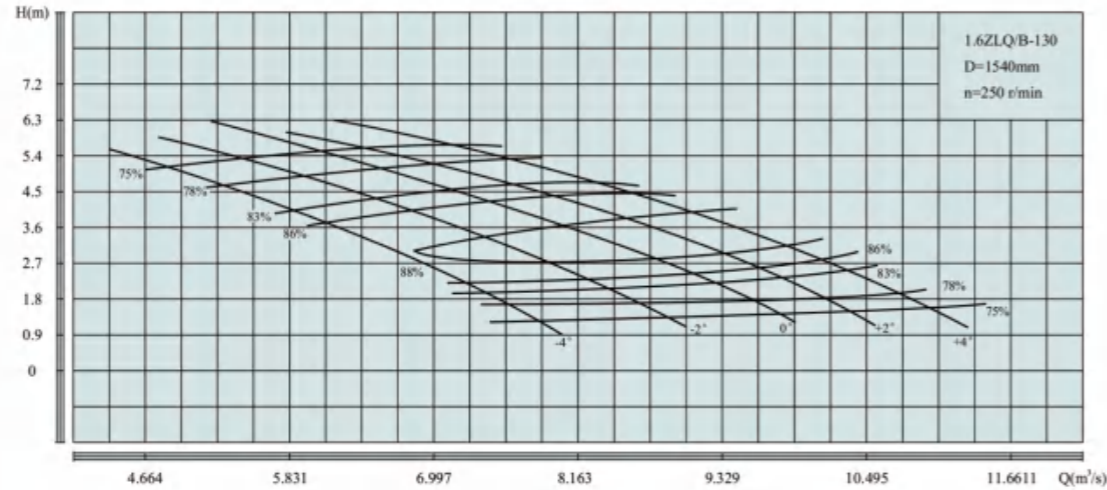
1.6ZLQ/B-3 工作性能表 1.6ZLQ/B-3 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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	配用电机及功率 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	
-2°	23500	6.53	1.29		98.7		83.6	
	19700	5.48	4.37		280.7		83.6	
	23700	6.58	3.13		225.3		89.6	
0°	26400	7.32	2.19		175.3		89.6	
	28700	7.98	1.31		122.5		83.6	
	23600	6.55	4.50		345.5		83.6	
+2°	29800	8.28	3.90		378.5		83.6	
	32100	8.91	3.32		323.2		89.6	
	33900	9.42	2.80		285.5		89.6	
+4°	35700	9.95	2.40	241.2	88.6			
	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 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-130 性能曲线图  
1.6ZLQ/B-130 CHARACTERISTIC CURVES



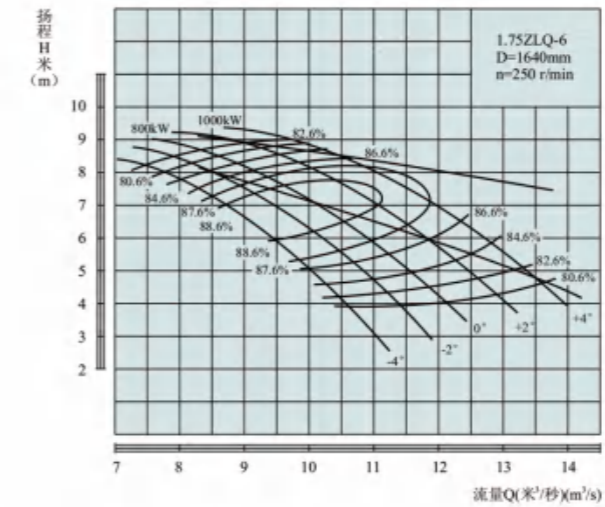
1.6ZLQ/B-130 工作性能表 1.6ZLQ/B-130 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity 米³/秒 (m³/s)	扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)		
				轴功率 Shaft Power	配用电机及功率 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				

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

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

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



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

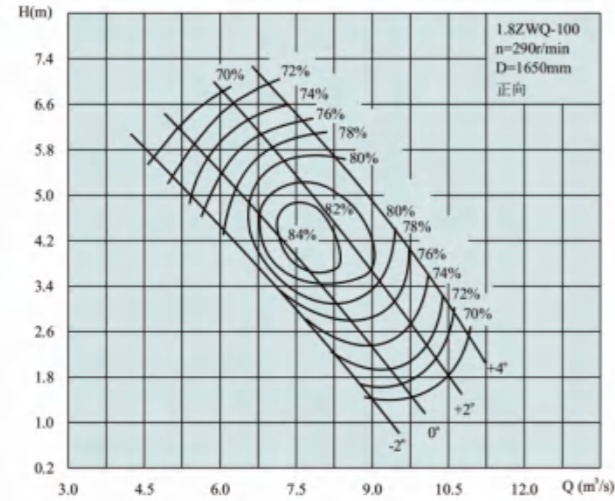
叶片安放角 Vane Angle	流量Q Capacity 米³/秒 (m³/s)	扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)
				轴功率 Shaft Power	配用电机及功率 Required Power		
-4°	10.41	4.16	250	513.8	TL1000-24/ 2150 1000kW	82.6	1640
	9.96	5.03		566.9		86.6	
	9.47	5.88		615.6		88.6	
	8.75	6.95		672.6		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	
0°	8.43	8.02		783.2		84.6	
	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			
+2°	9.66	7.54	805.6	88.6			
	9.14	8.02	829.5	86.6			
	12.19	5.30	748.4	84.6			
	11.49	6.29	808.5	87.6			
	11.02	6.92	843.5	88.6			
+4°	10.47	7.65	885.9	88.6			
	9.82	8.24	915.7	86.6			
	9.17	8.68	944.4	82.6			
	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 系列立式轴（混）流泵

## 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

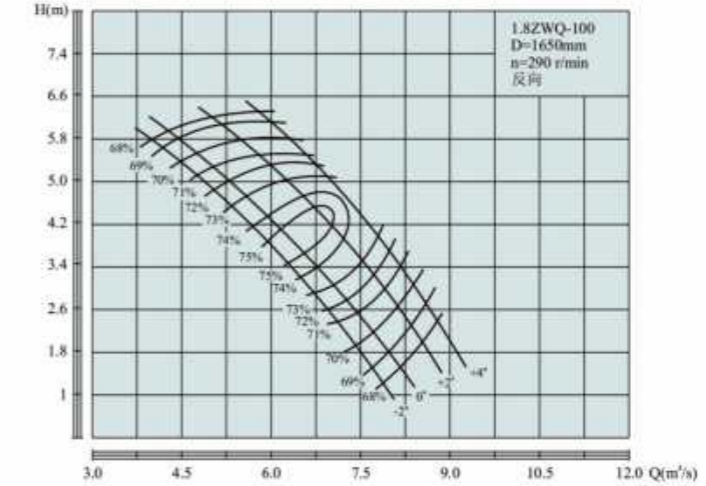


1.8ZWQ-100 工作性能表 1.8ZWQ-100 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity 米³/秒 (m³/s)	扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)
				轴功率 Shaft Power	配用电机及功率 Required Power		
-2°	9.0	1.5	290 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°	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°	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°	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				

### 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



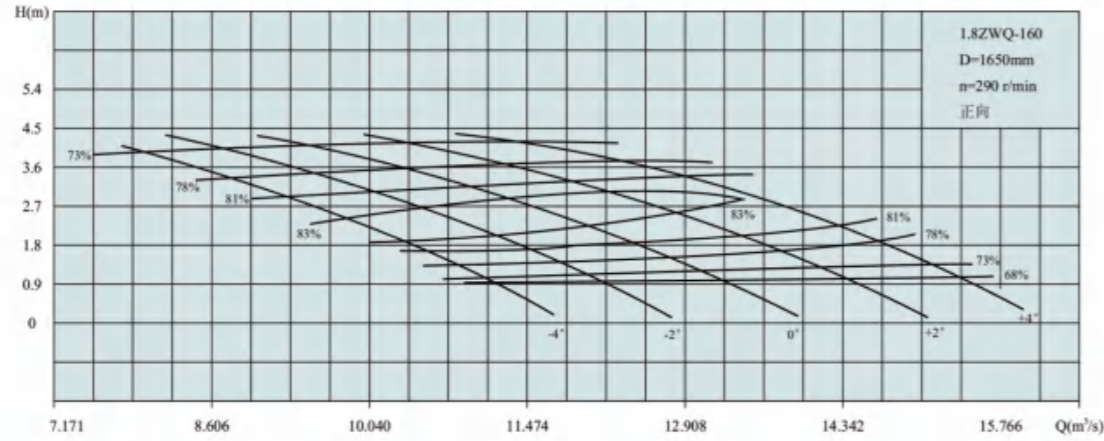
1.8ZWQ-100 工作性能表 1.8ZWQ-100 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity 米³/秒 (m³/s)	扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)
				轴功率 Shaft Power	配用电机及功率 Required Power		
-2°	7.5	2.0	290 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	
+2°	8.6	2.0		248		68	
	7.9	3.0		327		71	
	7.2	4.0		382		74	
+4°	6.7	4.5		394		75	
	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 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-160 性能曲线图  
1.8ZWQ-160 CHARACTERISTIC CURVES



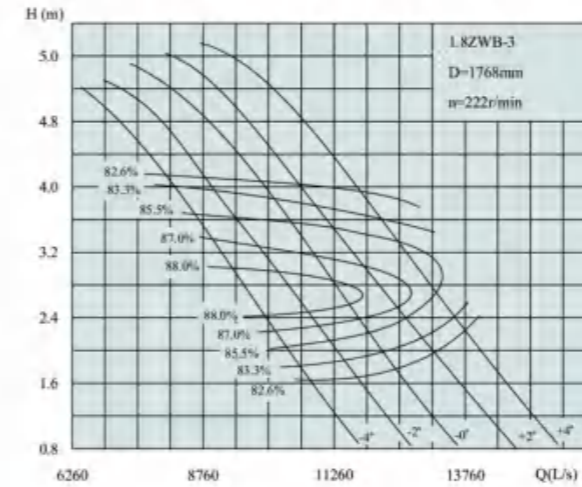
1.8ZWQ-160 工作性能表 1.8ZWQ-160 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity 米³/秒 (m³/s)	扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)
				轴功率 Shaft Power	配用电机及功率 Required Power		
-4°	11.319	0.738	290 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 SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 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



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

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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	配用电机及功率 Required Power		
-4°	27072	7.52	4.25	222	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	375.2	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

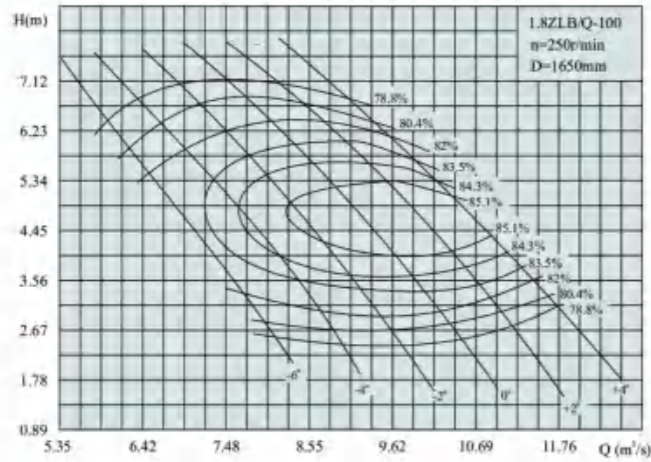
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)
	米³/小时 (m³/h)	米³/秒 (m³/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-4°	38019	10.56	4.59	250	567	800	85.5	1650
	33819	9.39	6.30		672		88.0	
	31167	8.66	7.03		708		86.0	
-2°	40318	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	947	83.9		
	41556	11.54	6.93	909		88.0		
	36693	10.19	8.10	947		87.2		

## Z(H)LB 系列立式轴（混）流泵

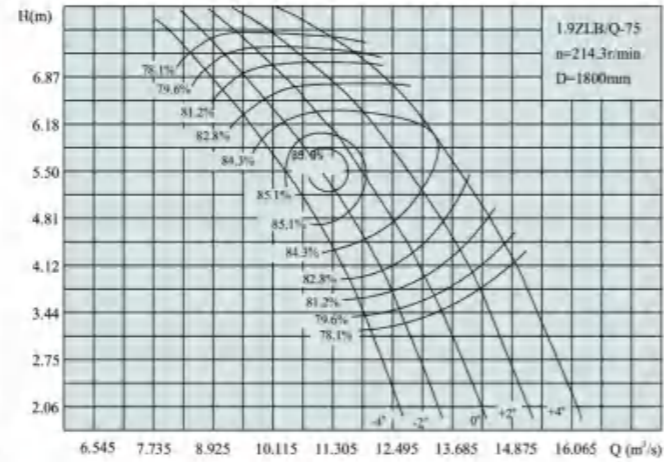
## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

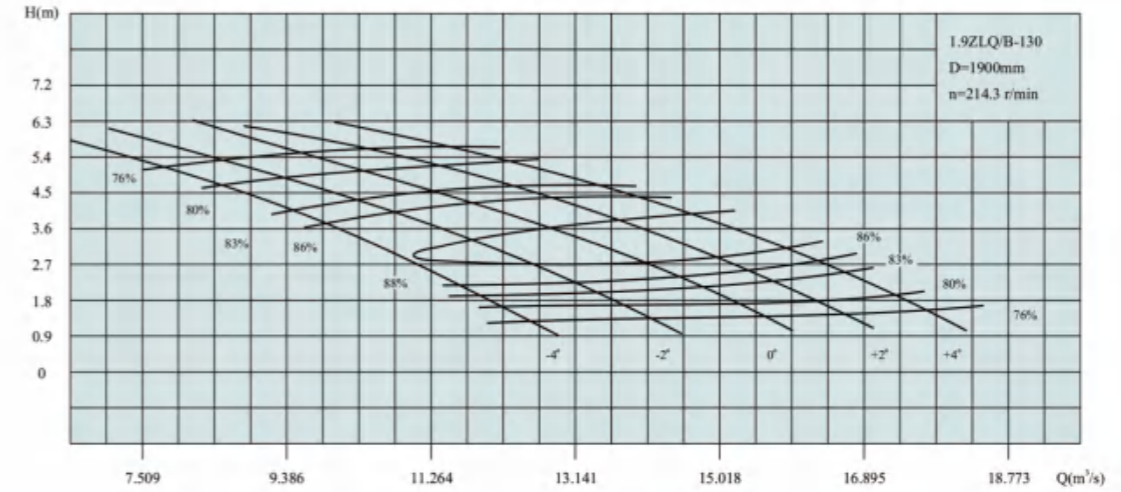
1.8ZLB/Q-100 性能曲线图  
1.8ZLB/Q-100 CHARACTERISTIC CURVES



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



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



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

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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	配用电机及功率 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		1650		
	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			1650	
	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				1650
	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	1650				
	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		1650			
	38724	10.757	4.01	505.7		85.3					
	41082	11.412	3.16	439.8		82					

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

叶片安放角 Vane Angle	流量Q Capacity 米³/秒 (m³/s)	扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)			
				轴功率 Shaft Power	配用电机及功率 Required Power					
-4°	7.040	5.51	214.3	525	630kW	73.5	1900			
	10.590	3.13		385		86.2				
	11.970	1.81		260		83.2				
-2°	7.054	6.19		600	800kW	72.8		1900		
	12.246	2.87		397		88.5				
	13.611	1.83		298		83.5				
0°	8.918	6.00		721	800kW	74.2			1900	
	13.890	2.89		470		88.7				
	15.253	1.68		311		82.5				
+2°	9.386	6.10		780	900kW	73.5				1900
	14.430	3.24		525		88.9				
	15.958	2.20		432		81.5				
+4°	10.100	6.21	835	900kW	74.5	1900				
	14.914	3.68	622		88.8					
	17.365	1.92	417		80.2					

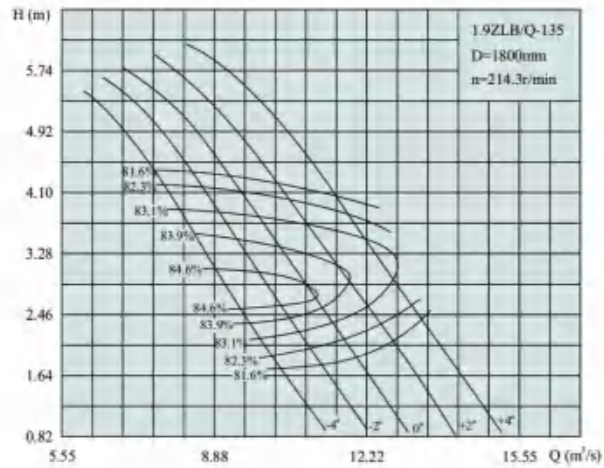
1.9ZLB/Q-75 工作性能表 1.9ZLB/Q-75 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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	配用电机及功率 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		1800		
	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			1800	
	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				1800
	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	1800				
	47729	13.258	5.99	941		84.4					
	50279	13.966	5.38	907		82.8					

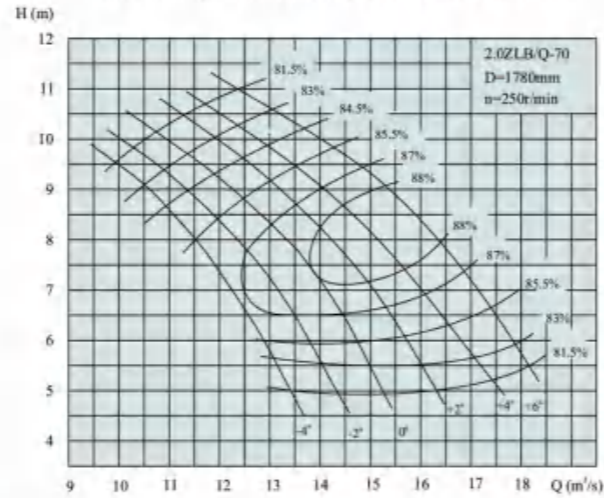
## Z(H)LB 系列立式轴（混）流泵

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

1.9ZLB/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 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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	配用电机及功率 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		1800		
	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			1800	
	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				1800
	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	1800				
	47130.9	13.0919	2.79	437.4		83.5					
	49915.7	13.8655	2.24	380.6		81.6					

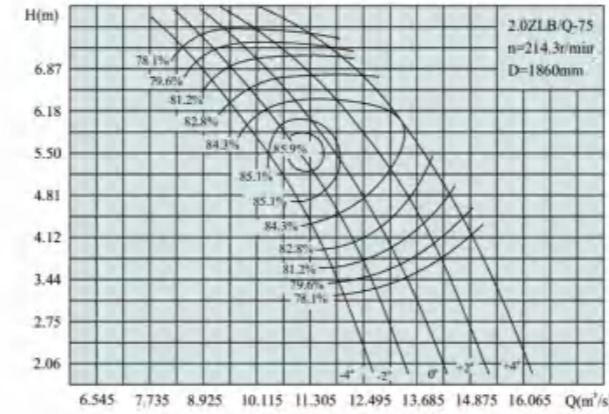
2.0ZLB/Q-70 工作性能表 2.0ZLB/Q-70 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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	配用电机及功率 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		1780		
	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			1780	
	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				1780
	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	1780				
	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		1780			
	55307	15.363	9.0	1540		88					
	63922	17.756	6.14	1273		83.9					

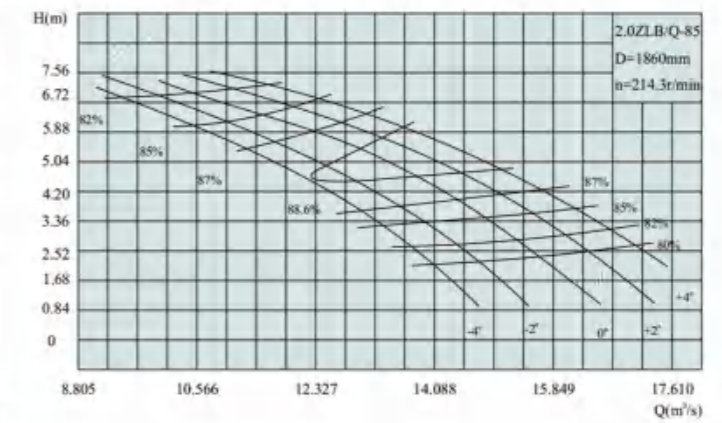
## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

2.0ZLB/Q-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 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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	配用电机及功率 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		1860		
	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			1860	
	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				1860
	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	1860				
	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

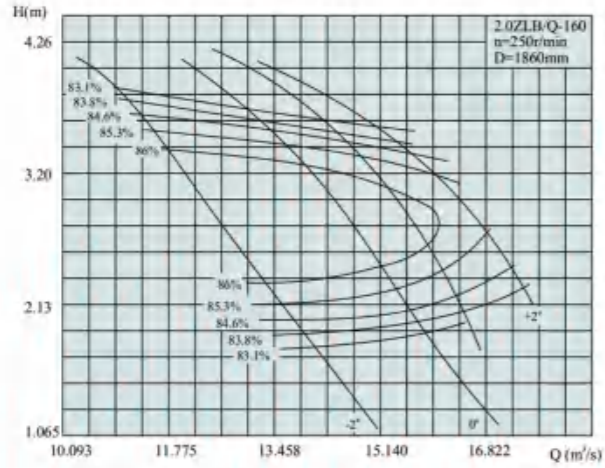
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)			
	米³/小时 (m³/h)	米³/秒 (m³/s)			轴功率 Shaft Power	配用电机及功率 Required Power					
-4°	13.729	3.815	2.70	214.3	460	800	80.6	1860			
	12.462	3.462	4.30		598		89.6				
	11.190	3.136	5.48		706		86.8				
-2°	14.181	3.939	3.04		525	800	82.1		1860		
	12.580	3.522	4.86		718		85.1				
	10.583	2.940	5.95		737		85.4				
0°	14.779	4.105	3.49		605	1000	85.2			1860	
	13.174	3.660	5.22		769		89.44				
	11.286	3.136	6.48		890		82.2				
+2°	15.185	4.246	3.96		695	1000	86.5				1860
	13.957	3.877	5.20		819		88.6				
	12.014	3.337	6.56		922		85.5				
+4°	16.359	4.544	3.53	697	1100	82.8	1860				
	14.865	4.129	5.04	845		88.7					
	12.611	3.503	6.64	969		86.4					

## Z(H)LB 系列立式轴（混）流泵

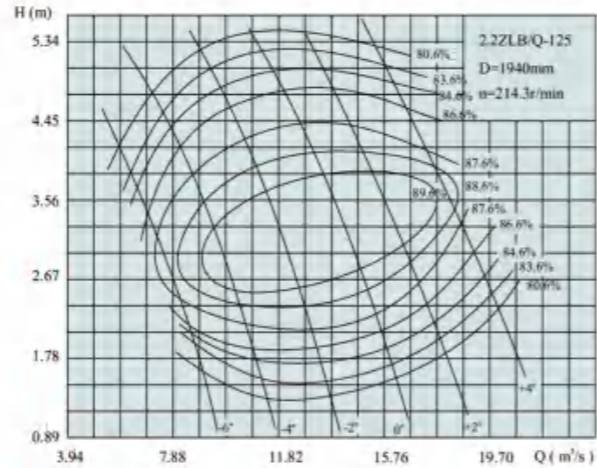
## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

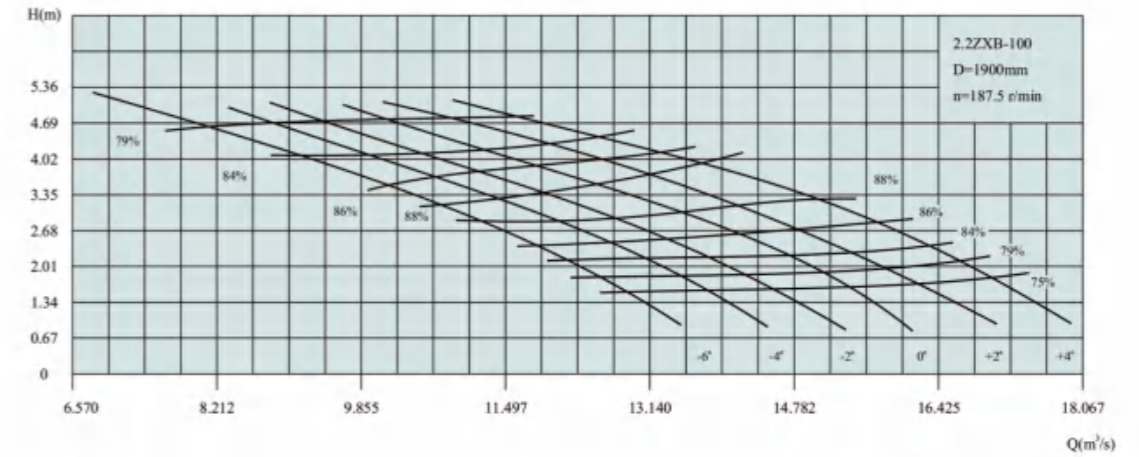
2.0ZLB/Q-160 性能曲线图  
2.0ZLB/Q-160 CHARACTERISTIC CURVES



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



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



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

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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	配用电机及功率 Required Power		
-2°	40160	11.156	3.79	250	505	560	83.8	1860
	45858	12.738	2.67		390			
	50095	13.915	1.89		314			
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	

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

叶片安放角 Vane Angle	流量Q Capacity 米³/秒 (m³/s)	扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)
				轴功率 Shaft Power	配用电机及功率 Required Power		
-6°	12.765	1.64	187.5	268	560kW	78.2	1900
	10.912	3.08		383			
	9.078	4.18		460			
	7.57	4.94		502			
-4°	13.630	1.648		292	560kW	77.3	
	11.893	2.97		402		88.8	
	11.031	3.50		438		88.2	
-2°	14.509	1.686		318	630kW	77.1	
	12.821	2.94		424		88.8	
	11.974	3.43		464		88.6	
0°	9.412	4.80		578	78.3		
	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		

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

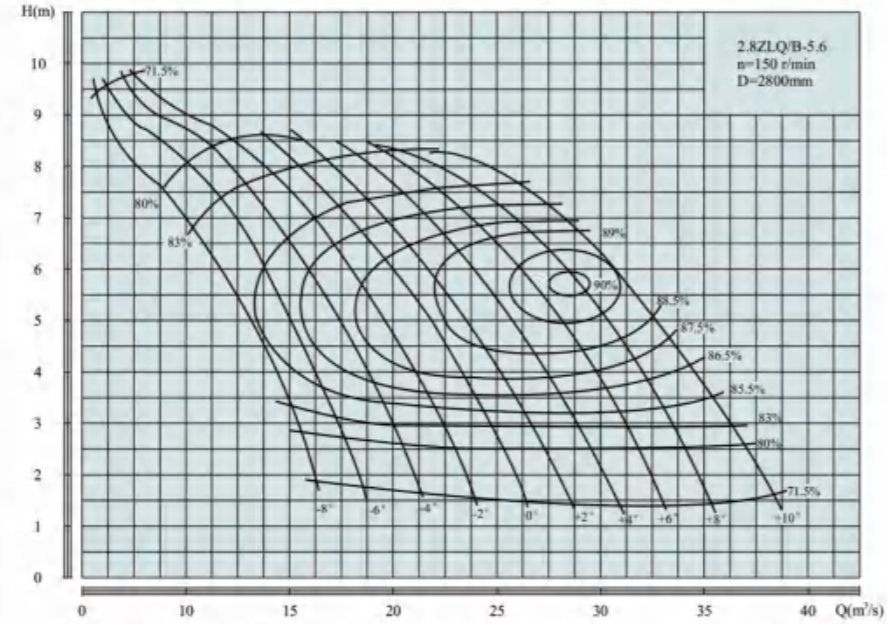
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)
	米³/小时 (m³/h)	米³/秒 (m³/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-6°	21288	5.913	4.13	214.3	304	450	80.4	1940
	27107	7.530	2.85		249		86.4	
	31222	8.673	1.71		180		82.4	
-4°	25831	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	1000	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

## 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

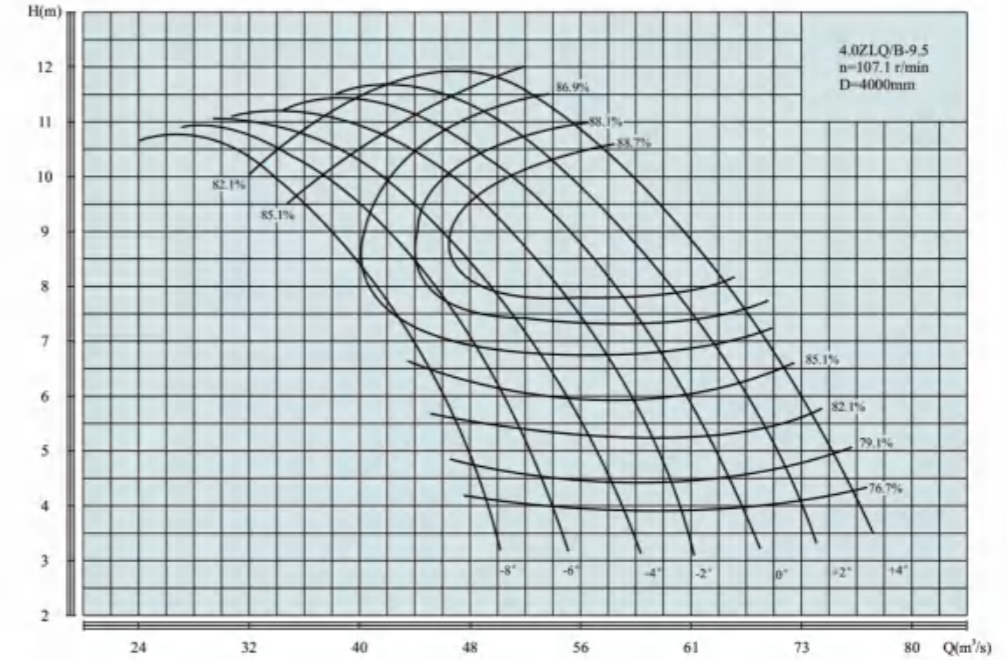


2.8ZLQ/B-5.6 工作性能表 2.8ZLQ/B-5.6 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity (m³/s)		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)			
	(m³/h)	(m³/s)			轴功率 Shaft Power	配用电机及功率 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		4000		
	56160	15.6	4.7		837		86				
	32400	9.0	8.4		951		78				
-4°	75600	21.0	2.0		557	1250	74			4000	
	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				4000
	70920	19.7	5.0		1090		87.8				
	36000	10.0	9.0		1146		77				
0°	93960	26.1	2.0	674	1600	76	4000				
	75600	21.0	5.6	1318		88					
	48600	13.5	8.5	1413		80.5					
+2°	101880	28.3	2.0	731	1800	76		4000			
	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			4000		
	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				4000	
	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	4000				
	103680	28.8	5.88	1845		90					
	75600	21.0	8.32	2064		83					
+10°	137520	38.2	2.0	1011	2500	74		4000			
	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 Vane Angle	流量Q Capacity (m³/s)		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)			
	(m³/h)	(m³/s)			轴功率 Shaft Power	配用电机及功率 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		4000		
	162000	45	8.34		4180		88.1				
	194400	54	4.23		2880		77.8				
-4°	128520	35.7	10.9		4650	5000	82.1			4000	
	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				4000
	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	4000				
	198000	55	9.13	5530		89					
	245520	68.2	4.0	3510		76.2					
+2°	164880	45.8	11.4	6150	7100	83.2		4000			
	208800	58	9.4	6000		89					
	259920	72.2	4.16	3870		76.2					
+4°	178560	49.6	11.86	6790	7500	85.1			4000		
	219600	61	9.7	6500		90.1					
	273240	75.9	4.36	4260		76.2					

## Z(H)LB 系列立式轴（混）流泵

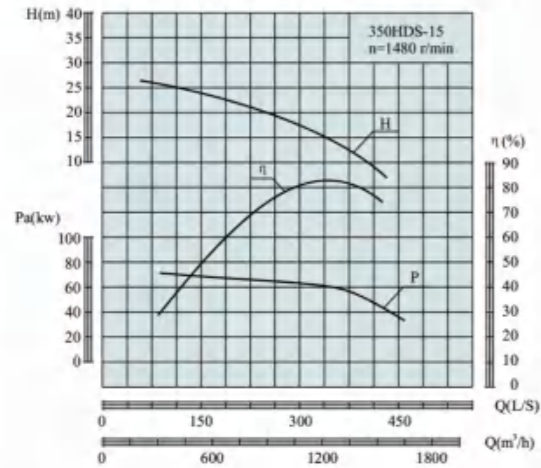
### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

(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

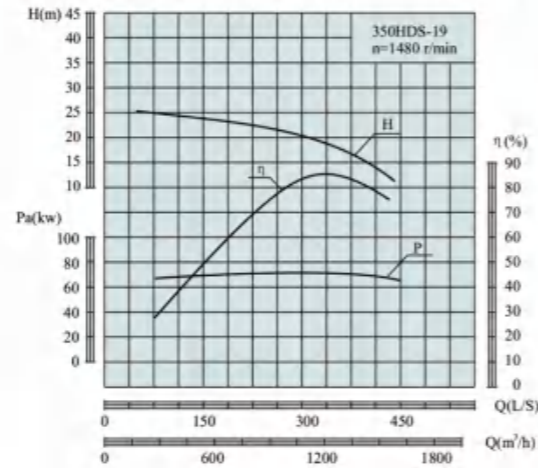
350HL-15立式混流泵性能曲线图

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

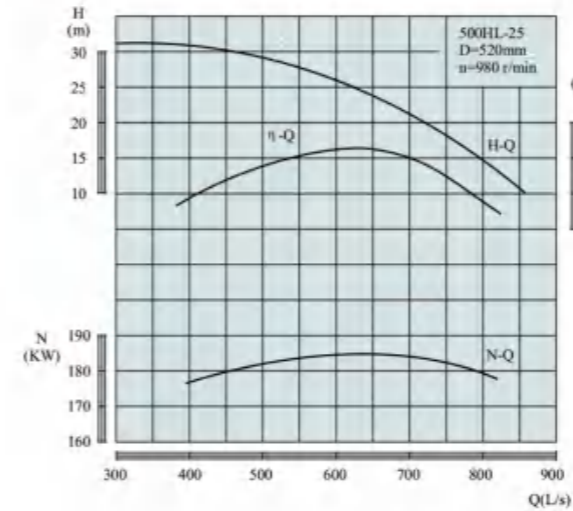
350HL-19 立式混流泵工作性能表 350HL-19 VERTICAL MIXED-FLOW PUMP CHARACTERISTIC DATA

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

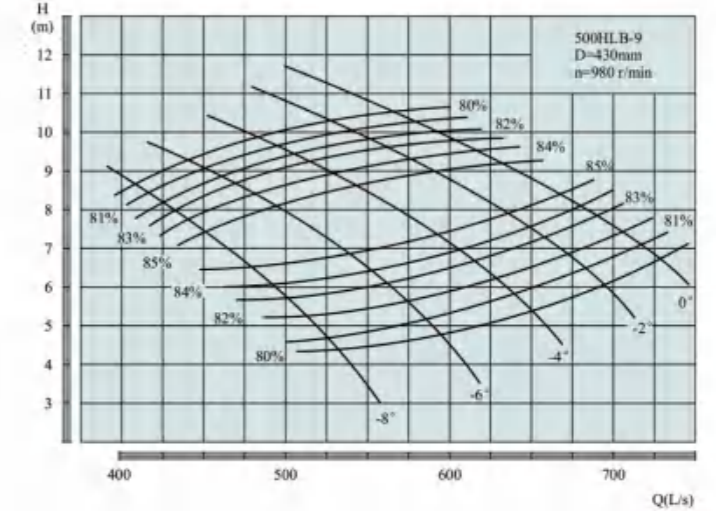
## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 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 Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)
			轴功率 Shaft Power	配用电机及功率 Required Power		
1634.04	29.85	980	179.5	215	74	520
1859.04	28.56		181.9		79.5	
2053.08	26.81		183		81.9	
2170.8	25.88		184.8		82.8	
2286	24.68		185.1		83	
2344.68	24.06		185.1		83	
2506.68	21.67		184.9		80	

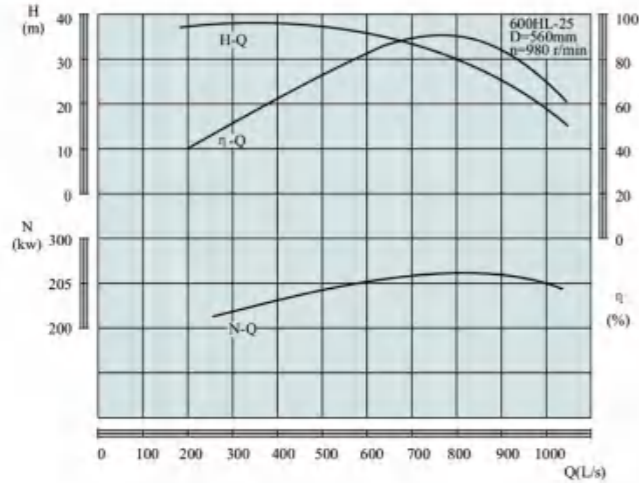
500HLB-9 工作性能表 500HL-9 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power				
-8°	900	250	21.5	980	29.44	75	80.0	430		
					1738.8		483		6.587	85.0
					1634.4		454		7.495	85.0
					1479.6		411		8.707	80.0
-6°	1188	330	19.2		2163.6		601		4.921	80.0
					1947.6		541		6.928	85.0
					1782.0		495		8.101	85.0
					1594.8		443		9.312	80.0
-4°	1440	400	14.4		2347.2		652		5.603	80.0
					2138.4		594		7.495	85.0
					1972.8		548		8.707	85.0
					1753.2		487		9.956	80.0
-2°				2494.8	693	6.246	80.0			
				2286.0	635	8.063	85.0			
				2138.4	594	9.123	85.0			
				1900.8	528	10.335	80.0			
0°				3011.0	836	6.890	80.0			
				2857.2	794	8.593	85.0			
				2701.4	750	9.312	85.0			
				2587.0	719	10.230	80.0			

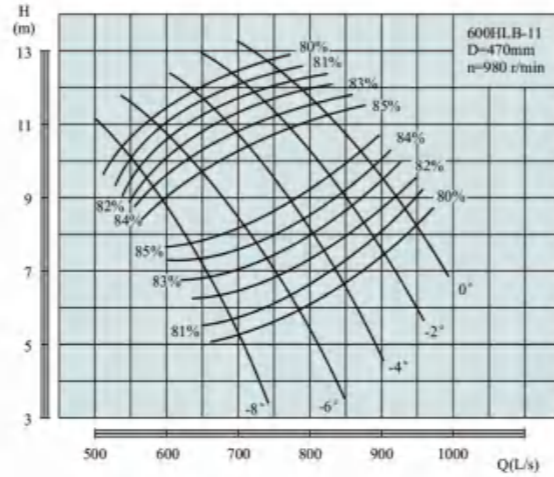
## Z(H)LB 系列立式轴 (混) 流泵

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

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 Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)
米 <sup>3</sup> /小时 (m <sup>3</sup> /h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 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	

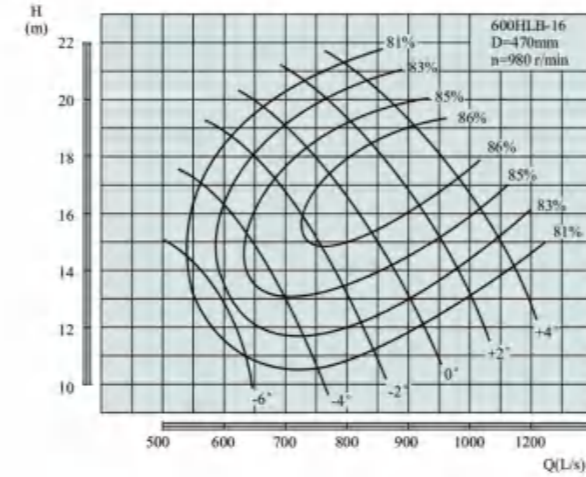
600HLB-11 工作性能表 600HLB-11 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)
	米 <sup>3</sup> /小时 (m <sup>3</sup> /h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 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	115	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		

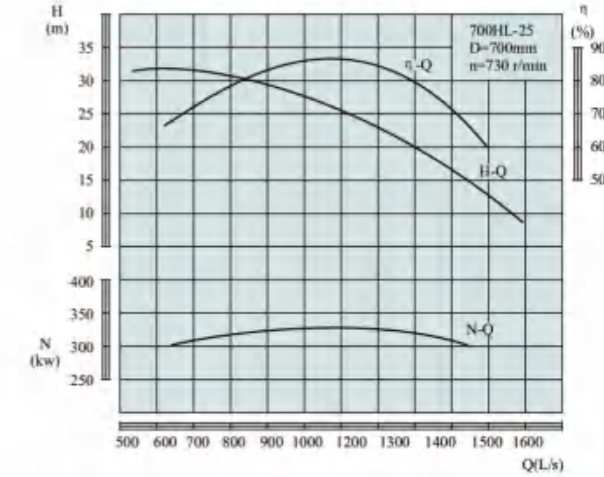
## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

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

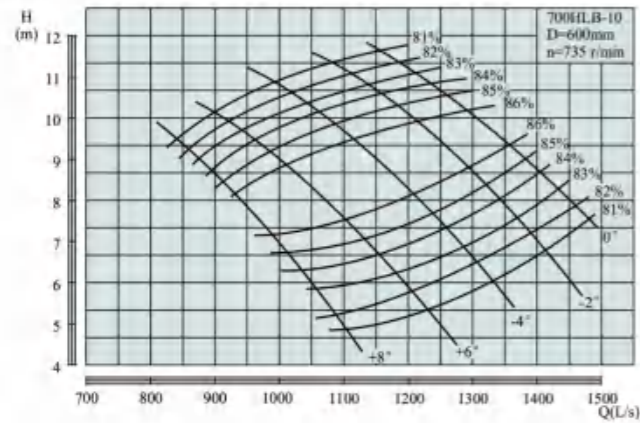
700HL-25 工作性能表 700HL-25 CHARACTERISTIC DATA

流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)
米 <sup>3</sup> /小时 (m <sup>3</sup> /h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 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	

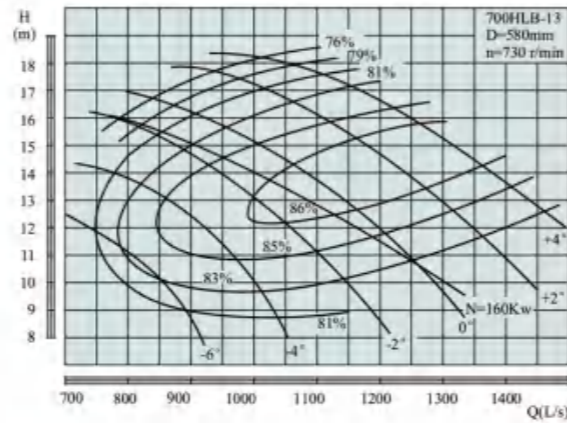
## Z(H)LB 系列立式轴 (混) 流泵

### 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 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 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		600
	3629	1008	8.87		101.9		86		
	3247	902	10.20		111.4		81		
-4°	4781	1328	6.14		98.7	155	81		600
	4021	1117	9.54		121.5		86		
	3575	993	10.90		131.0		81		
-2°	5083	1412	6.84		116.9	180	81		600
	4356	1210	10.00		137.9		86		
	4061	1128	10.90		145.2		83		
0°	5332	1481	7.55	135.3	180	81	600		
	4655	1293	10.20	150.3		86			
	4147	1152	11.61	161.9		81			

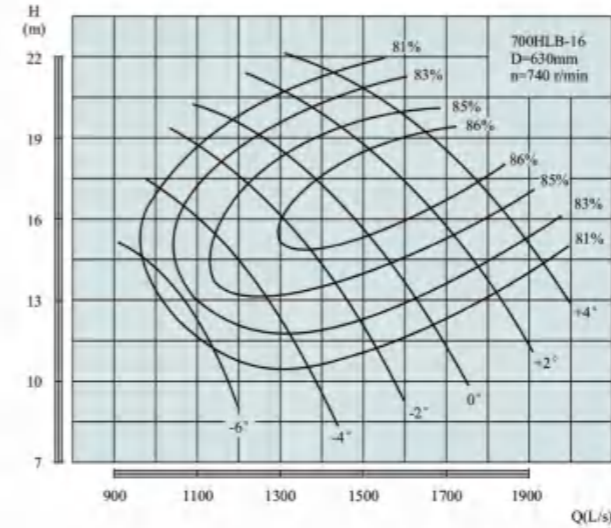
700HLB-13 工作性能表 700HLB-13 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 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		580
	3348	930	12.0		128.7		85		
	2800	778	14.0		131.8		81		
-2°	4140	1150	10.0		135.9	180	83		580
	3672	1020	13.0		151.2		86		
	3060	850	15.4		158.5		81		
0°	4536	1260	10.7		159.3	210	83		580
	4140	1150	13.0		170.4		86		
	3132	870	16.5		178.2		79		
+2°	4918	1366	11.7	188.9	245	83	580		
	4500	1250	14.0	199.5		86			
	3661	1017	17.1	210.5		81			
+4°	5310	1457	12.6	216.9	260	83	580		
	4752	1320	15.0	225.8		86			
	3859	1072	17.9	238.2		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

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



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

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 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		630
	4428	1230	13.87		196.0		85.2		
	4140	1150	15.31		202.0		85.0		
-2°	5364	1490	12.19		214.0	260	83.0		630
	4896	1360	15.06		233.0		86.2		
	4716	1310	15.95		238.0		86.0		
0°	5868	1630	13.08		249.0	310	81.0		630
	5328	1480	16.17		251.0		83.0		
	5004	1390	17.39		271.0		86.2		
+2°	6372	1770	14.17	275.0	380	86.0	630		
	5724	1590	17.57	285.0		76.0			
	5436	1510	18.53	296.0		83.0			
+4°	6840	1900	15.26	315.0	380	87.0	630		
	6120	1700	18.33	320.0		86.0			
	5940	1650	19.17	337.0		76.0			
+4°	4716	1310	22.0	343.0	380	83.0	630		
	6120	1700	18.33	354.0		86.5			
	5940	1650	19.17	360.0		86.0			
				366.0		77.0			

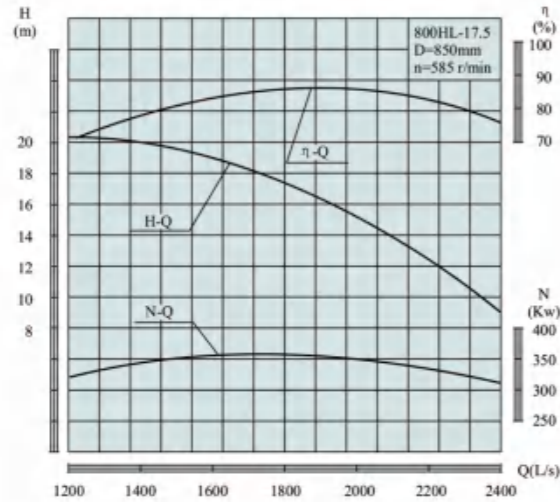
800HL-25 工作性能表 800HL-25 CHARACTERISTIC DATA

流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
4320	1200	28	585	452	630	73	810
6480	1800	25		516		85.5	
8640	2400	18		543		78	

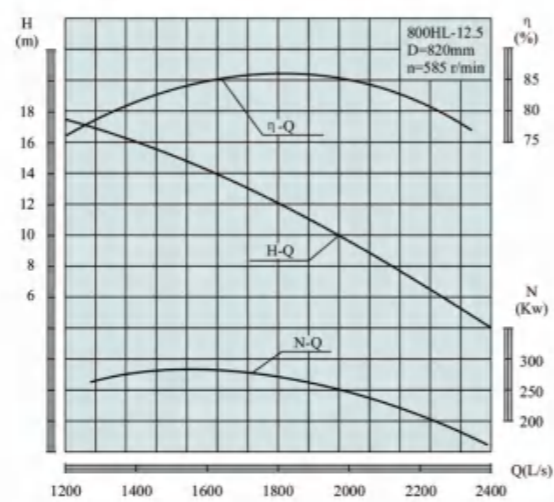
## Z(H)LB 系列立式轴（混）流泵

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

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 Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
5040	1400	19.8	585	344	450	79	850
6480	1800	17.5		361		85.5	
8640	2400	8.9		291	72		

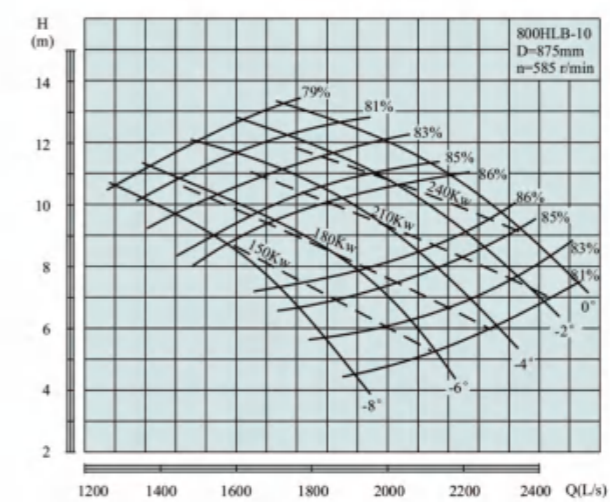
800HL-12.5 工作性能表 800HL-12.5 CHARACTERISTIC DATA

流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 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 SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 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



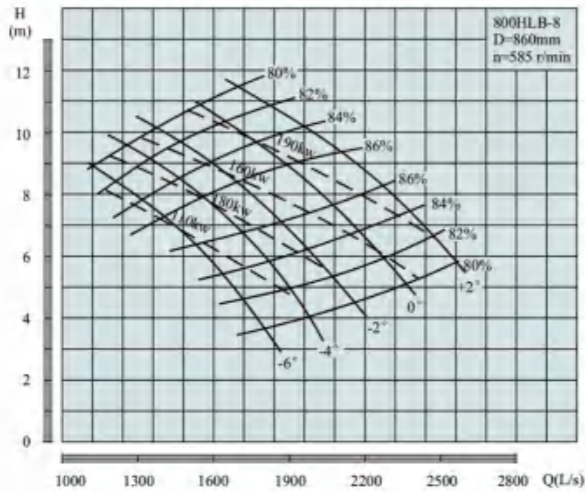
800HLB-10 工作性能表 800HLB-10 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 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		875	
	6480	1800	8.5				175			86
	7560	2100	5.1				130			81
-4°	5760	1600	11.5		223	250	81		875	
	7200	2000	9				205			86
	8172	2270	5.9				162			81
-2°	6228	1730	12.1		253	280	81		875	
	7524	2090	10				238			86
	8640	2400	6.6				192			81
0°	6624	1840	12.6	281	315	81	875			
	7920	2200	10.5			264		86		
	9072	2520	7.4			238		81		

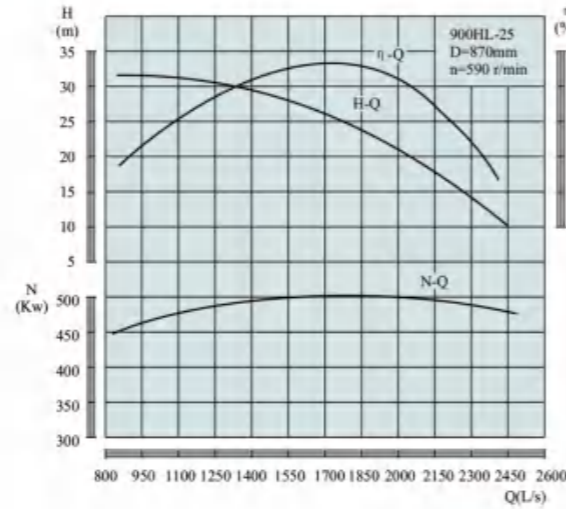
## Z(H)LB 系列立式轴（混）流泵

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

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 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)	
	米 <sup>3</sup> /小时 (m <sup>3</sup> /h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 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			

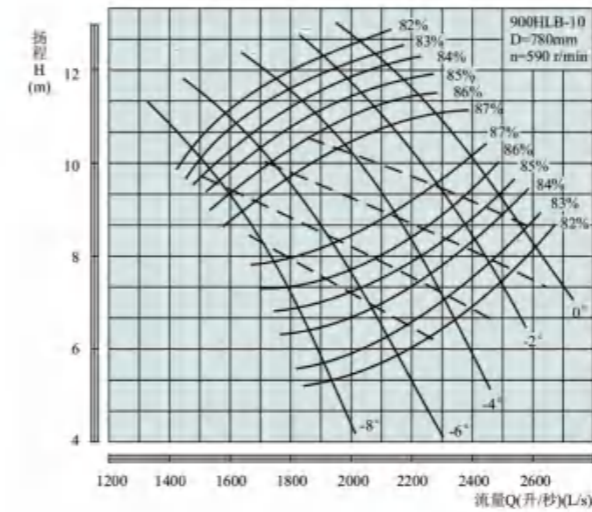
900HL-25 工作性能表 900HL-25 CHARACTERISTIC DATA

流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)
米 <sup>3</sup> /小时 (m <sup>3</sup> /h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 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 SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

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

叶片安放角 Vane Angle	流量Q Capacity 米 <sup>3</sup> /秒 (m <sup>3</sup> /s)	扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)	
				轴功率 Shaft Power	配用电机及功率 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			

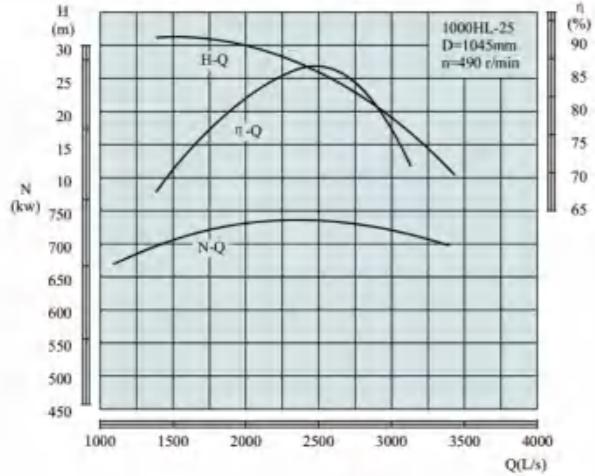
900HLB-16 工作性能表 900HLB-16 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity 米 <sup>3</sup> /秒 (m <sup>3</sup> /s)	扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)		
				轴功率 Shaft Power	配用电机及功率 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	410	500	84				
	2.50	16.06	439		87.5				
	1.92	21.39	466		77				
+4°	2.99	15.25	532	630	84				
	2.68	18.32	550		87.5				
	2.24	21.29	570		82				

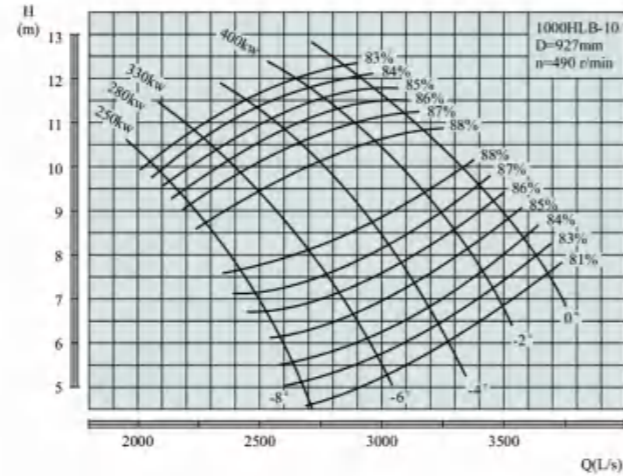
## Z(H)LB 系列立式轴 (混) 流泵

### 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 Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 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	

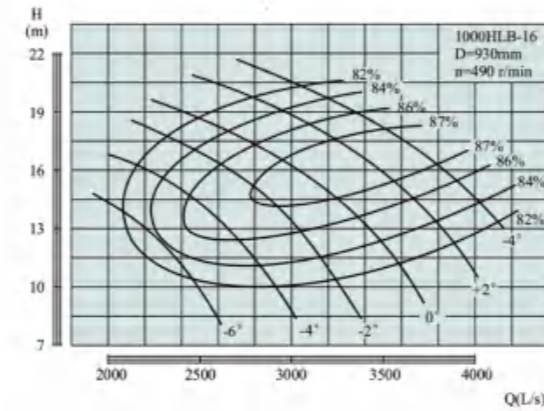
1000HLB-10 工作性能表 1000HLB-10 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 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	
-6°	10832.4	3009	5.72		204	330	83	
	9752.4	2709	8.11		245		88	
	8971.2	2492	9.47		263		88	
	8031.6	2231	10.84		286		83	
-4°	11768.4	3269	6.49		251	355	83	
	10742.4	2984	8.75		291		88	
	9907.2	2752	10.13		311		88	
	8812.8	2448	11.58		335		83	
-2°	12517.2	3477	7.27		299	400	83	
	11458.8	3183	9.43		335		88	
	10720.8	2978	10.62		353		88	
	9518.4	2644	12.05		377		83	
0°	13114.8	3643	8.02	345	450	83		
	12024	3340	10.03	373		88		
	11498.4	3194	10.88	387		88		
	10220.4	2839	12.34	414		83		

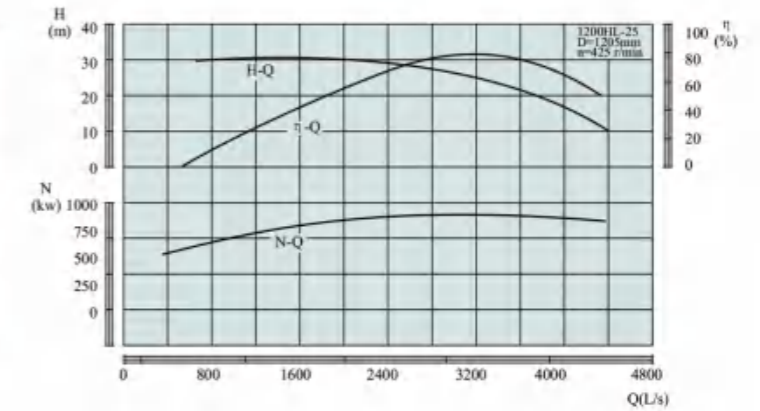
## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

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 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 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		440		82.0
	9432	2620	13.25		395.0				86.2
	8784	2440	14.63		407.0				86.0
-2°	11412	3170	11.64		431.0	560	84.0		
	10440	2900	14.39		470.0		87.2		
	10044	2790	15.24		479.0		87.0		
0°	8460	2350	17.85		501.0	630	82.0		
	12492	3470	12.50		506.0		84.0		
	11340	3150	15.45		544.0		87.5		
+2°	10620	2950	16.61		553.0	710	87.0		
	8352	2320	19.41		572.0		77.0		
	13572	3770	13.54		596.0		84.0		
+4°	12204	3390	16.79		633.0	800	88.0		
	11628	3230	17.70		643.0		87.0		
	9360	2600	20.45		676.0		77.0		
	14580	4050	14.58	689.0	84.0				
	13068	3630	17.51	712.0	800	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 Head 米 (m)	转速n Speed 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)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 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	

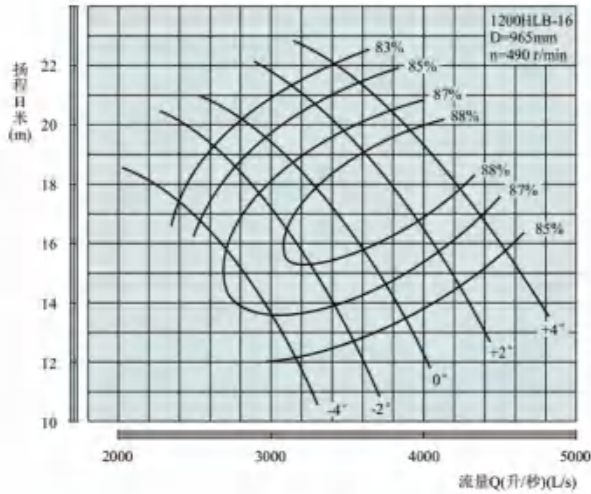
## Z(H)LB 系列立式轴（混）流泵

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

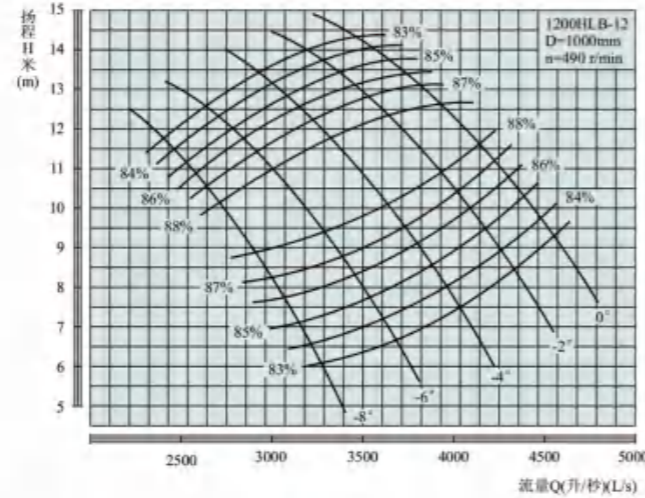
### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

### 性能曲线和性能参数表 PROPERTY CURVE AND PERFORMANCE DATA

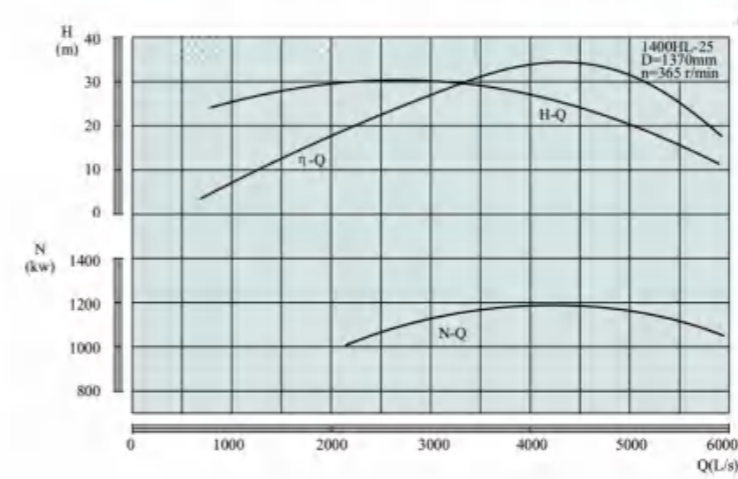
1200HLB-16 性能曲线图  
1200HLB-16 CHARACTERISTIC CURVES



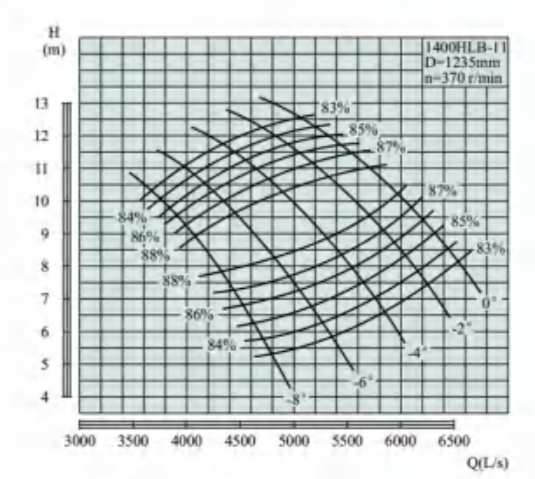
1200HLB-12 性能曲线图  
1200HLB-12 CHARACTERISTIC CURVES



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



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



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

叶片安放角 Vane Angle	流量Q Capacity 米 <sup>3</sup> /秒 (m <sup>3</sup> /s)	扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)
				轴功率 Shaft Power	配用电机及功率 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		

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

流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)
米 <sup>3</sup> /小时 (m <sup>3</sup> /h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 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	

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

叶片安放角 Vane Angle	流量Q Capacity 米 <sup>3</sup> /秒 (m <sup>3</sup> /s)	扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)
				轴功率 Shaft Power	配用电机及功率 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		500		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		

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

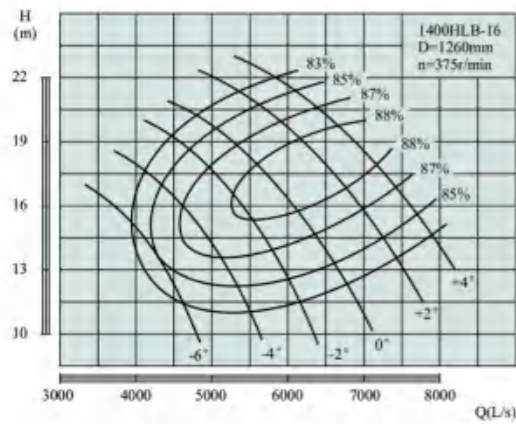
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率η Eff. (%)	叶轮直径 Impeller Dia. (mm)
	米 <sup>3</sup> /小时 (m <sup>3</sup> /h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power		
-8°	17352	4820	5.31	370	302	500	83	1235
	14652	4070	8.85		401		88	
	13788	3830	9.74		430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

## Z(H)LB 系列立式轴 (混) 流泵

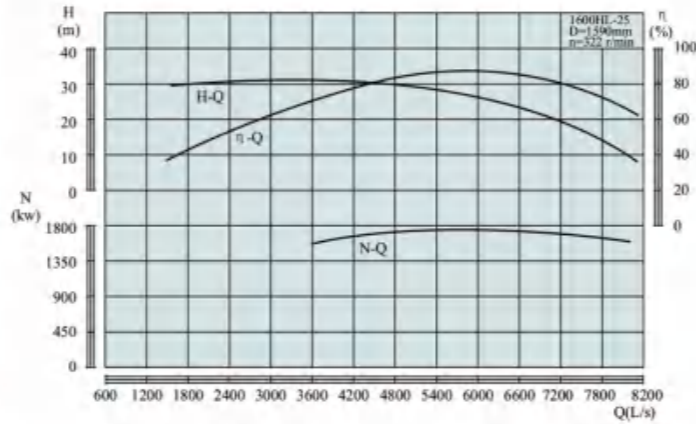
## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 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

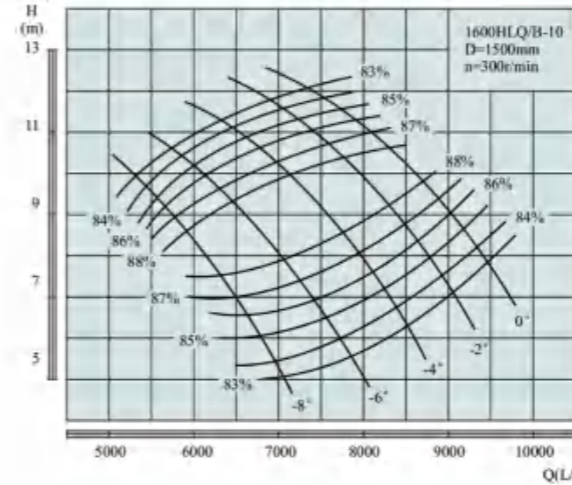
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head (m)	转速n Speed (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)			
	米³/小时 (m³/h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power					
-6°	16812	4670	11.25	375	620.0	800	83.0	1260			
	16020	4450	12.82		663.0		84.4				
	14328	3980	14.91		700.0		83.0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

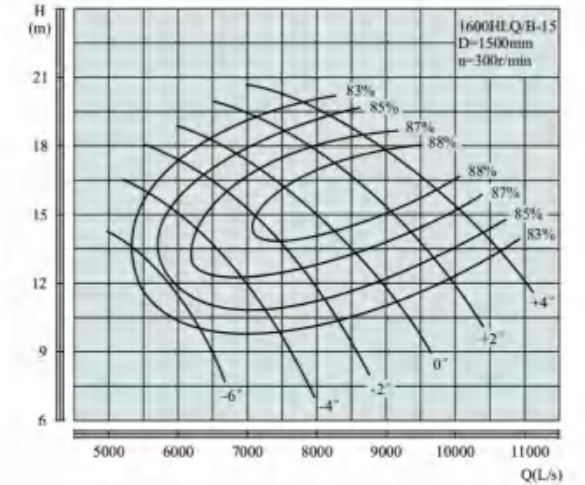
流量Q Capacity	扬程H Head (m)	转速n Speed (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)
			轴功率 Shaft Power	配用电机及功率 Required Power		
15616.44	30.66	322	1652	2000	78.9	1590
17765.28	29.32		1678		84.5	
19826.28	29.15		1748		86.9	
21048.84	26.57		1734		87.8	
22006.08	25.34		1725		88	
22405.68	24.71		1713		88	
23953.68	22.25		1707		85	
25405.92	19.03		1687		78	

### 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 Vane Angle	流量Q Capacity		扬程H Head (m)	转速n Speed (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)			
	米³/小时 (m³/h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 Required Power					
-8°	25146	6990	5.09	300	420.43	800	83.0	1500			
	21240	5900	8.55		561.92		88.0				
	20700	5750	8.09		576.32		87.0				
-6°	19224	5340	9.93		626.14	800	83.0		1500		
	28116	7810	5.61		517.82		83.0				
	23148	6430	9.24		661.31		88.0				
-4°	22608	6280	9.63		680.79	1000	87.0			1500	
	20700	5750	10.62		721.40		83.0				
	30492	8470	6.39		639.00		83.0				
-2°	25632	7120	9.93		787.42	1000	88.0				1500
	24948	6930	10.27		802.49		87.0				
	22788	6330	11.35		849.13		83.0				
0°	32400	9000	7.12	757.32	1250	83.0	1500				
	27792	7720	10.40	894.56		88.0					
	27108	7530	10.75	912.19		87.0					
+2°	24696	6860	11.78	954.43	1250	83.0		1500			
	34020	9450	7.86	876.20		83.0					
	29700	8250	10.62	975.18		88.0					
+4°	28872	8020	11.01	994.59	1250	87.0			1500		
	26460	7350	12.09	1048.45		83.0					

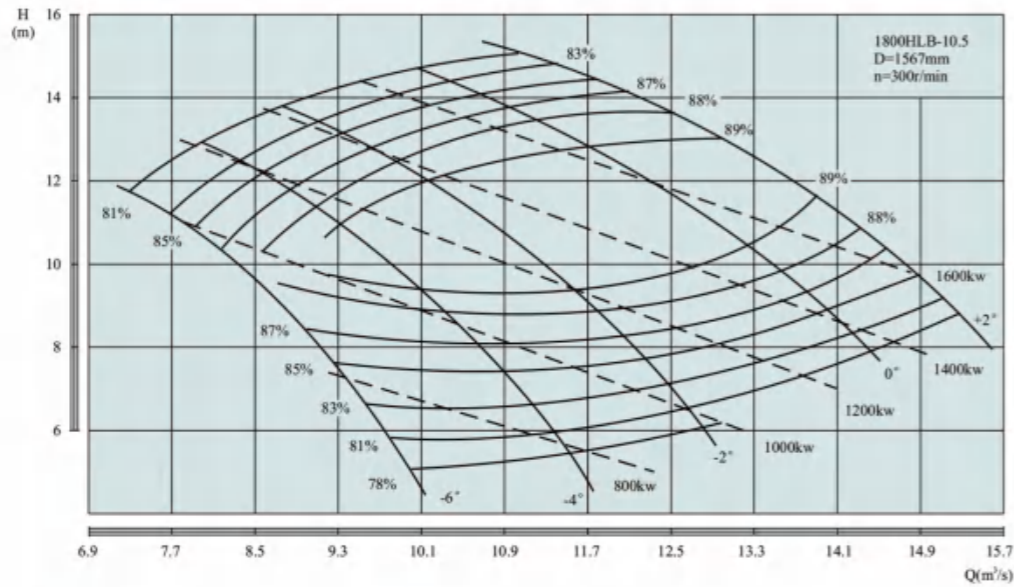
1600HLQ/B-15 工作性能表 1600HLQ/B-15 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head (m)	转速n Speed (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)			
	米³/小时 (m³/h)	升/秒 (L/s)			轴功率 Shaft Power	配用电机及功率 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		1500		
	24228	6730	12.92		978.0		87.2				
	22572	6270	14.26		1007.0		87.0				
-2°	19980	5550	15.97		1047.0	1600	83.0			1500	
	29304	8140	11.36		1066.0		85.0				
	26856	7460	14.03		1163.0		88.2				
0°	25812	7170	14.86		1187.0	1600	88.0				1500
	21744	6040	17.40		1241.0		83.0				
	32076	8910	12.19		1252.0		85.0				
+2°	29088	8080	15.07	1348.0	2000	88.5	1500				
	27288	7580	16.20	1368.0		88.0					
	21420	5950	18.93	1414.0		78.0					
+4°	34920	9700	13.20	1476.0	2000	85.0		1500			
	31320	8700	16.37	1569.0		89.0					
	29844	8290	17.26	1593.0		88.0					
+4°	24012	6670	19.94	1672.0	2000	78.0			1500		
	37476	10410	14.22	1707.0		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 系列立式轴（混）流泵

### 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



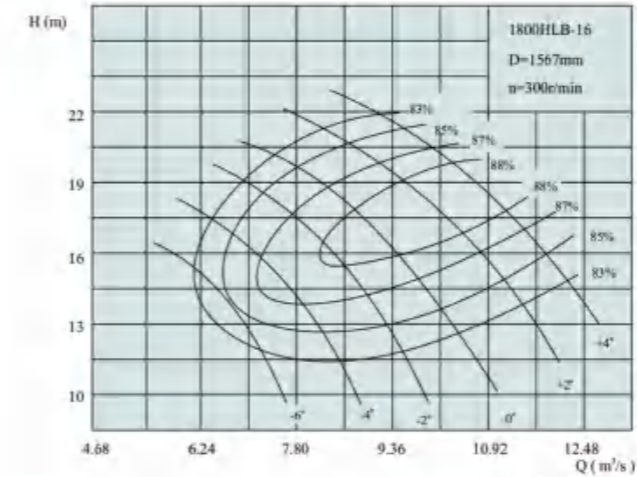
1800HLB-10.5 工作性能表 1800HLB-10.5 CHARACTERISTIC DATA

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)
	米 <sup>3</sup> /小时 (m <sup>3</sup> /h)	米 <sup>3</sup> /秒 (m <sup>3</sup> /s)			轴功率 Shaft Power	配用电动机功率 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	1600	85	
	35280	9.8	10.0		1080		89	
	38160	10.6	8.0		978		85	

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



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

叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)
	米 <sup>3</sup> /小时 (m <sup>3</sup> /h)	米 <sup>3</sup> /秒 (m <sup>3</sup> /s)			轴功率 Shaft Power	配用电动机功率 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

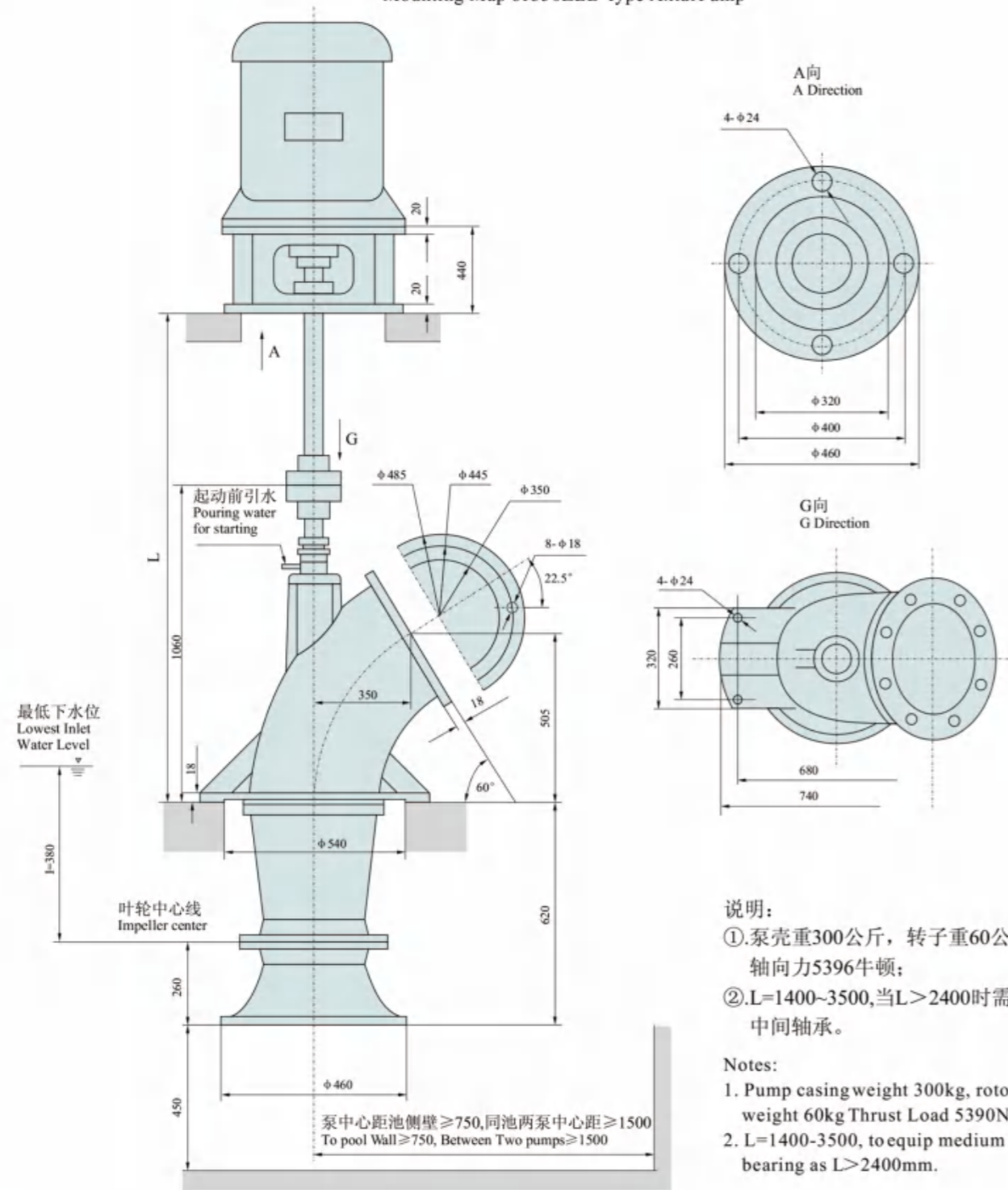
叶片安放角 Vane Angle	流量Q Capacity		扬程H Head 米 (m)	转速n Speed 转/分 (r/min)	功率N Power (kW)		效率 η Eff. (%)	叶轮直径 Impeller Dia. (mm)
	米 <sup>3</sup> /小时 (m <sup>3</sup> /h)	米 <sup>3</sup> /秒 (m <sup>3</sup> /s)			轴功率 Shaft Power	配用电动机功率 Required Power		
+6°	48614	13.502	11.00	214.3	1755	1900	84.6	1890
	55158	15.322	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	1700	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	1700	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	1700	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	1700	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	1700	85.4		
	34250	9.512	7.07	770		87.2		
	37346	10.374	5.50	670		85.2		

## Z(H)LB 系列立式轴（混）流泵

### 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 dimensional figures of ZLB(Q) vertical axial-flow pump

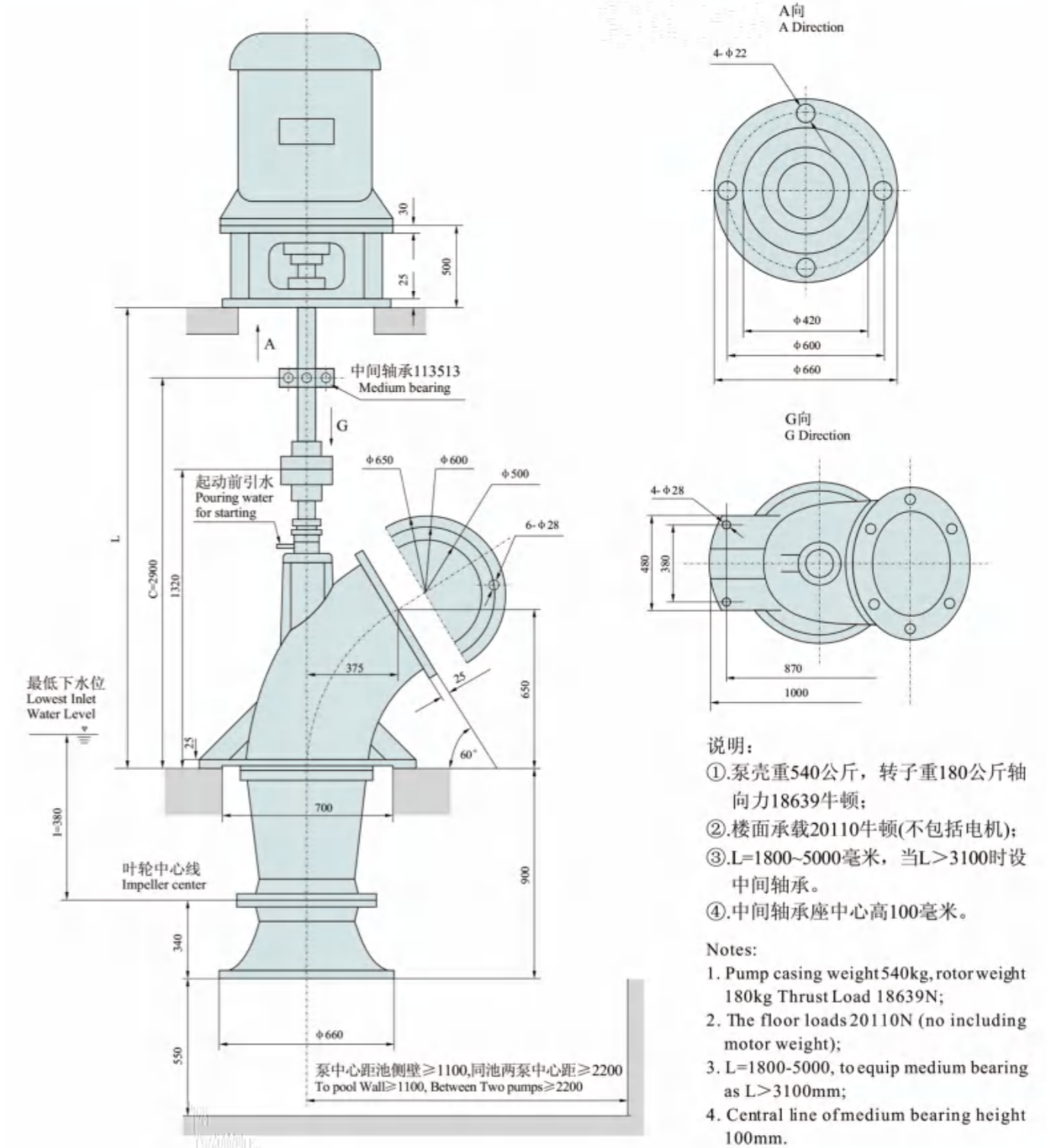
350ZLB型轴流泵安装图  
Mounting Map of 350ZLB Type Axial Pump



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

### 安装外形尺寸图 INSTALLATION AND EXTERNAL DIMENSION FIGURES

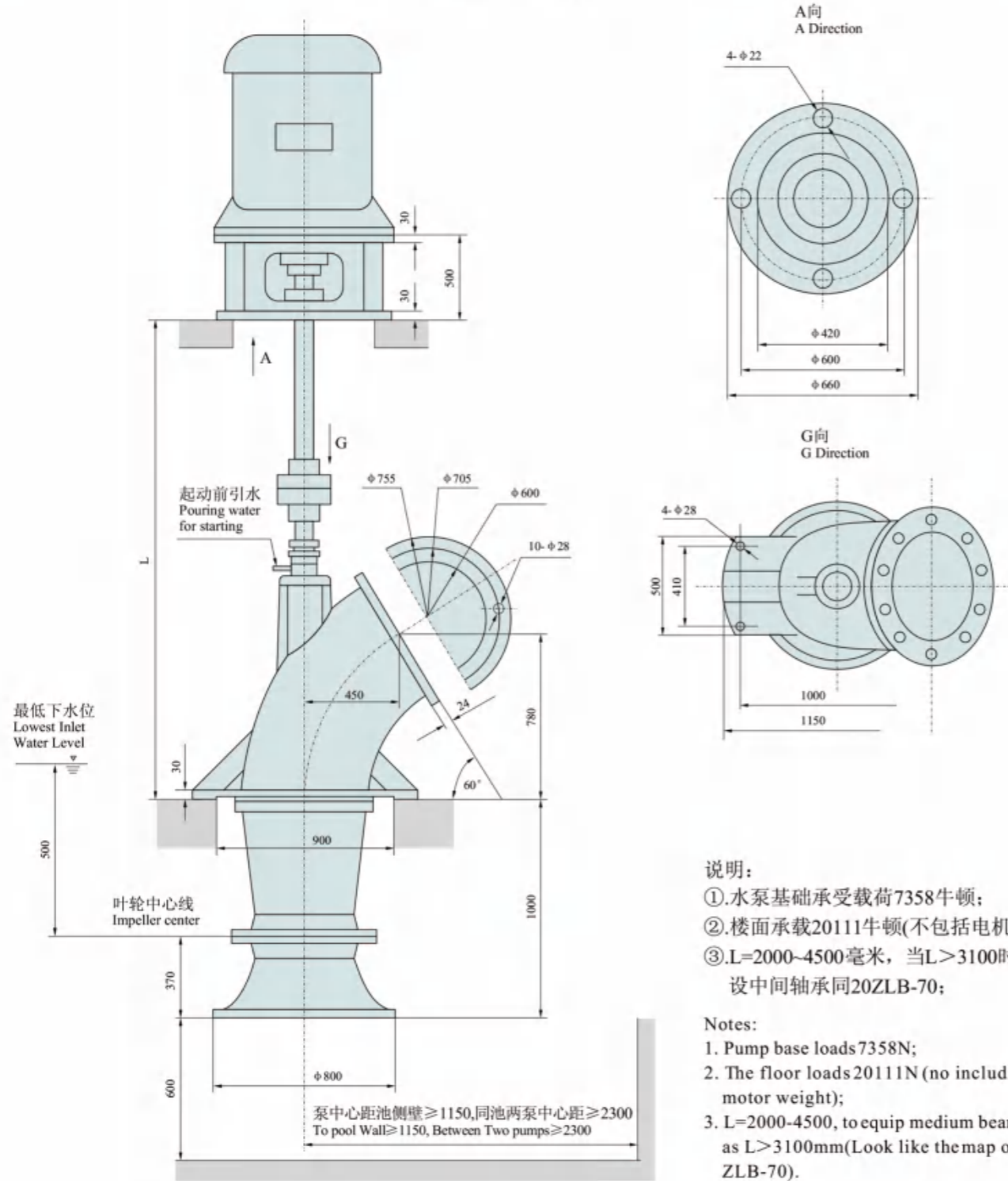
500ZLB型轴流泵安装图  
Mounting Map of 500ZLB Type Axial Pump



## Z(H)LB 系列立式轴（混）流泵

### 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 SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 安装外形尺寸图 INSTALLATION AND EXTERNAL DIMENSION FIGURES

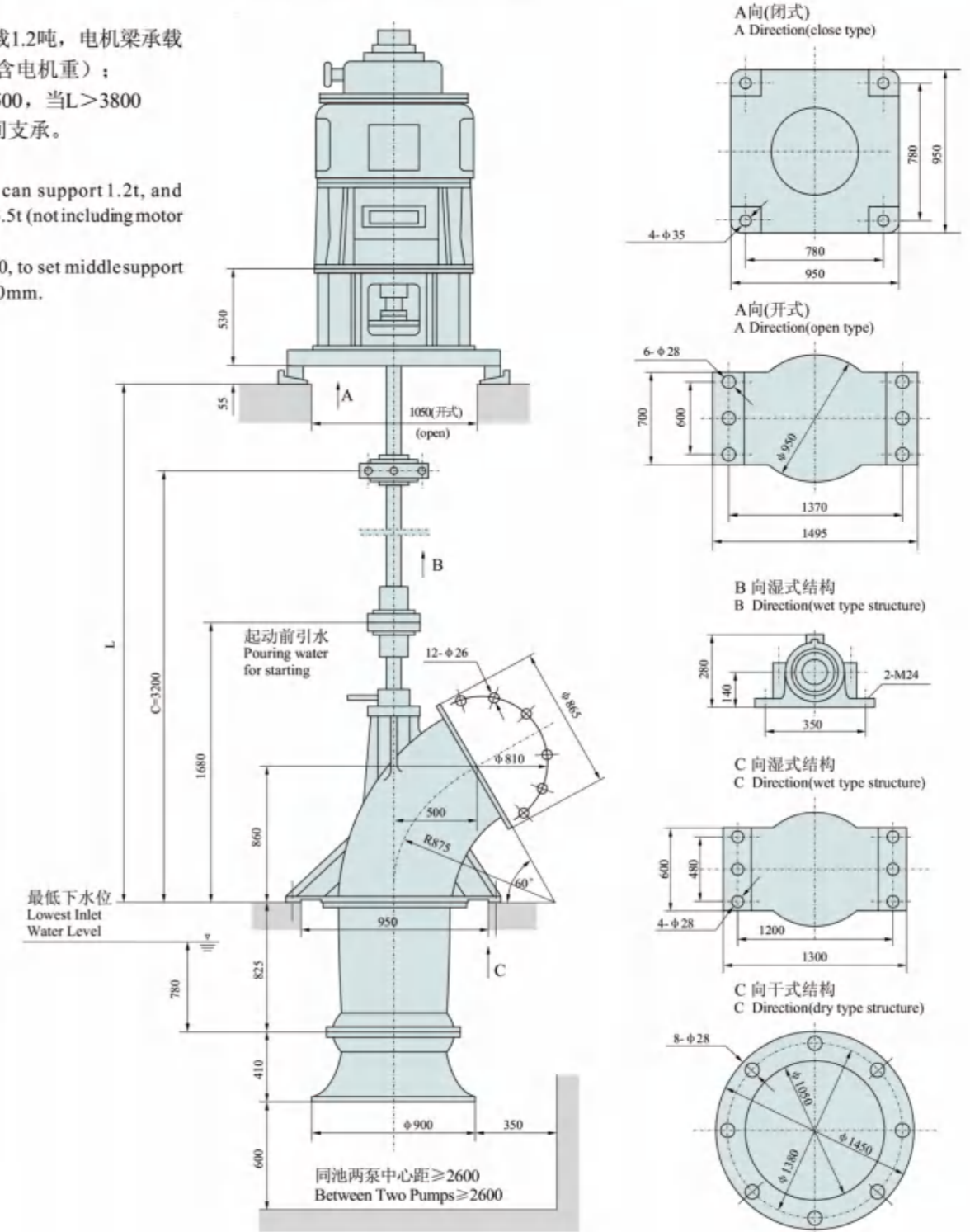
700ZLB型轴流泵安装图  
Mounting Map of 700ZLB Type Axial Pump

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>3800mm.



## Z(H)LB 系列立式轴 (混) 流泵

### 安装外形尺寸图 INSTALLATION AND EXTERNAL DIMENSION FIGURES

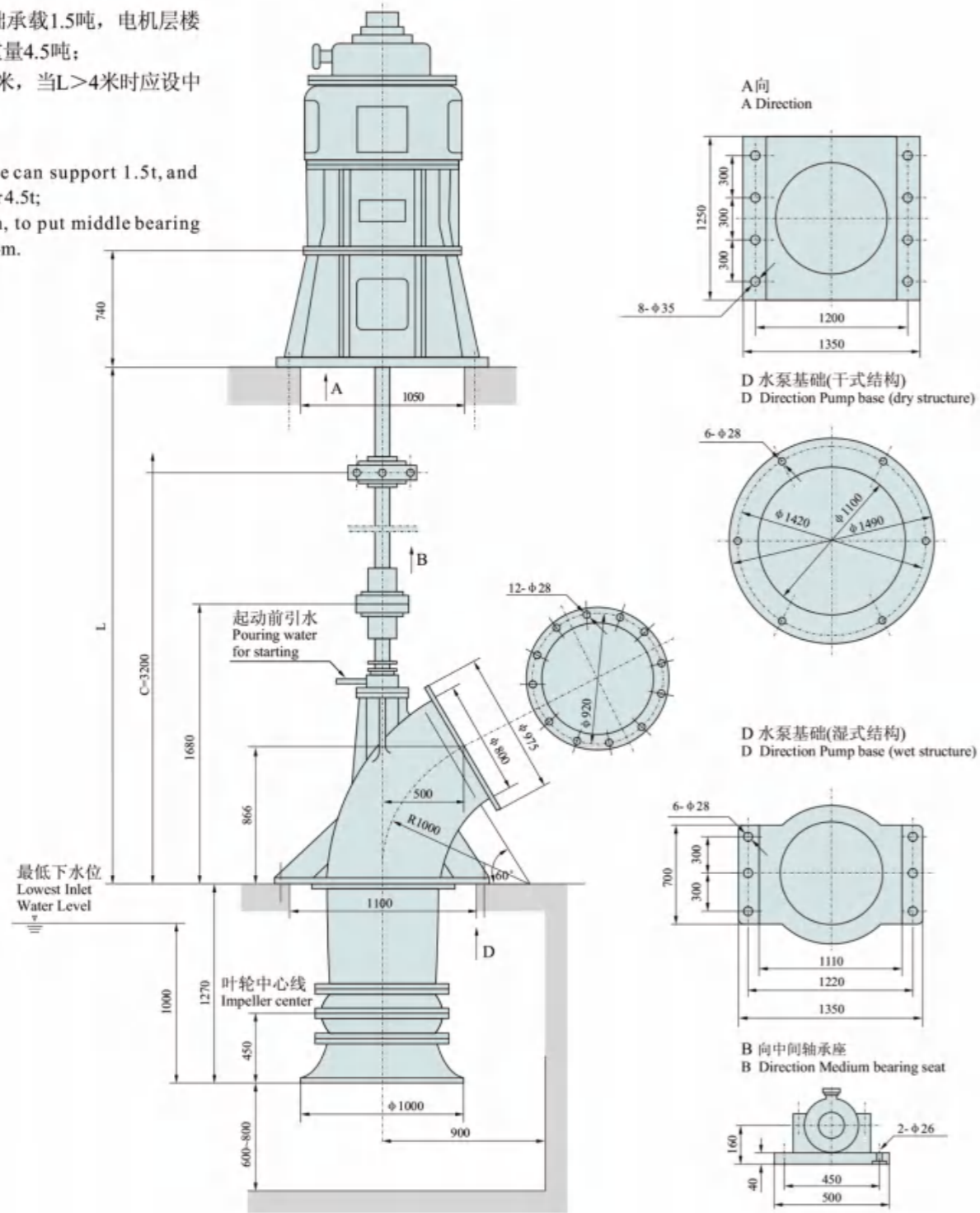
800ZLB型轴流泵安装图  
Mounting Map of 800ZLB Type Axial Pump

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:

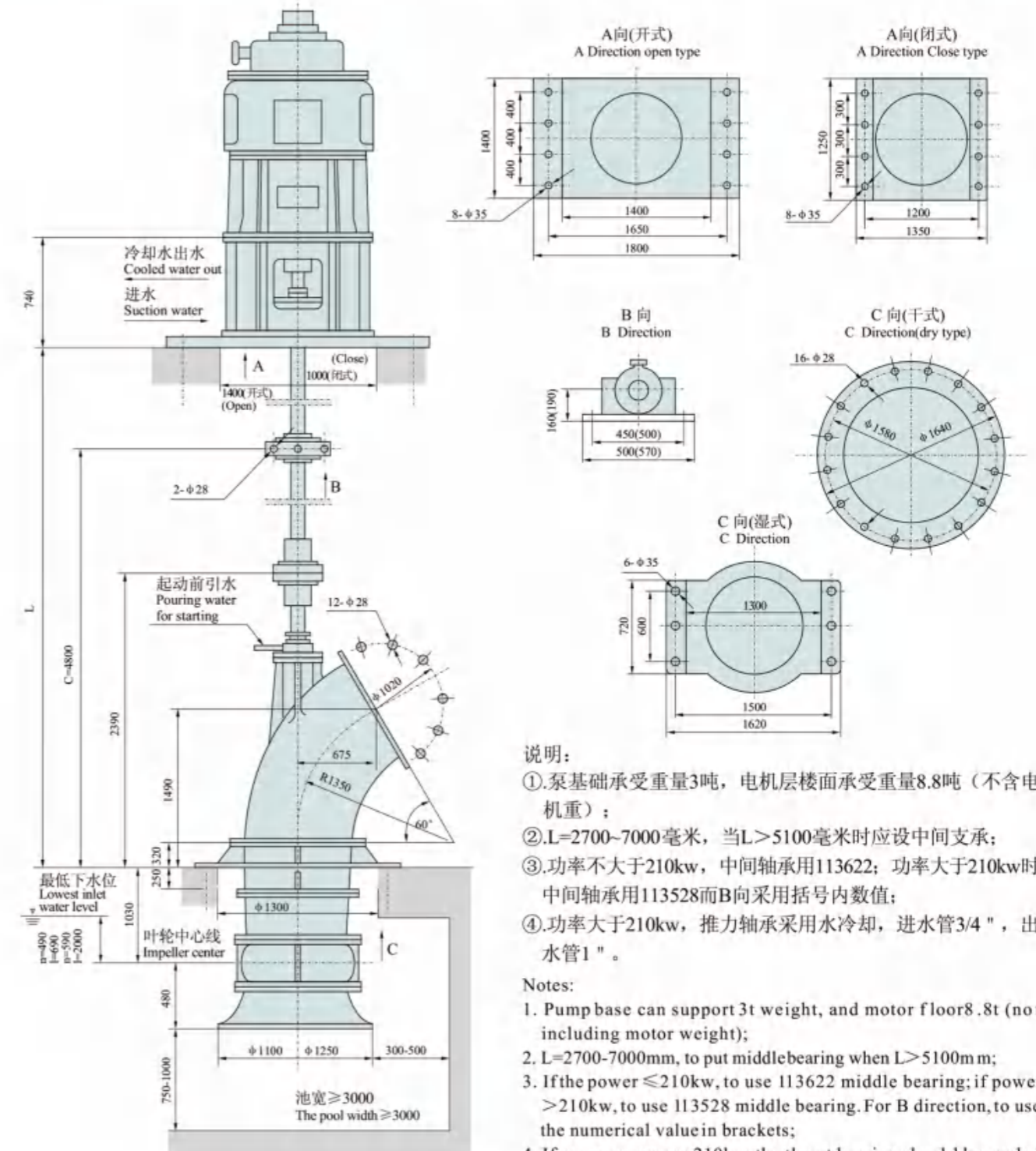
1. Pump base can support 1.5t, and motor floor 4.5t;
2. L=2-5.8m, to put middle bearing when L>4m.



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

### 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=2700~7000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"。

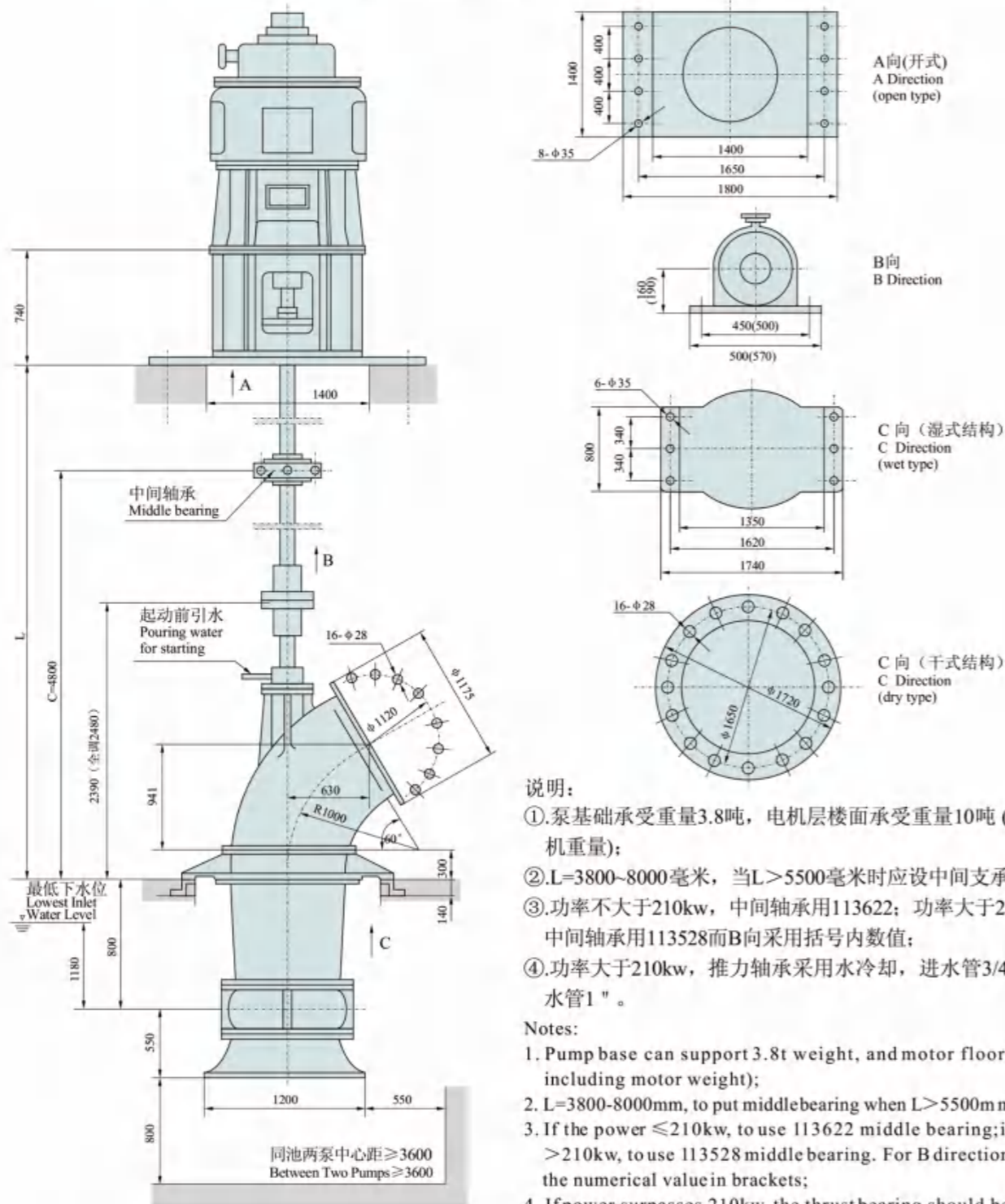
Notes:

1. Pump base can support 3t weight, and motor floor 8.8t (not including motor weight);
2. L=2700-7000mm, to put middle bearing when L>5100mm;
3. If the power ≤210kw, to use 113622 middle bearing; if power >210kw, 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".

## Z(H)LB 系列立式轴（混）流泵

### 安装外形尺寸图 INSTALLATION AND EXTERNAL DIMENSION FIGURES

1000ZLB型轴流泵安装图  
Mounting Map of 1000ZLB Type Axial Pump



说明:

- ①. 泵基础承受重量3.8吨, 电机层楼面承受重量10吨 (不含电机重量);
- ②. L=3800~8000毫米, 当L>5500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"。

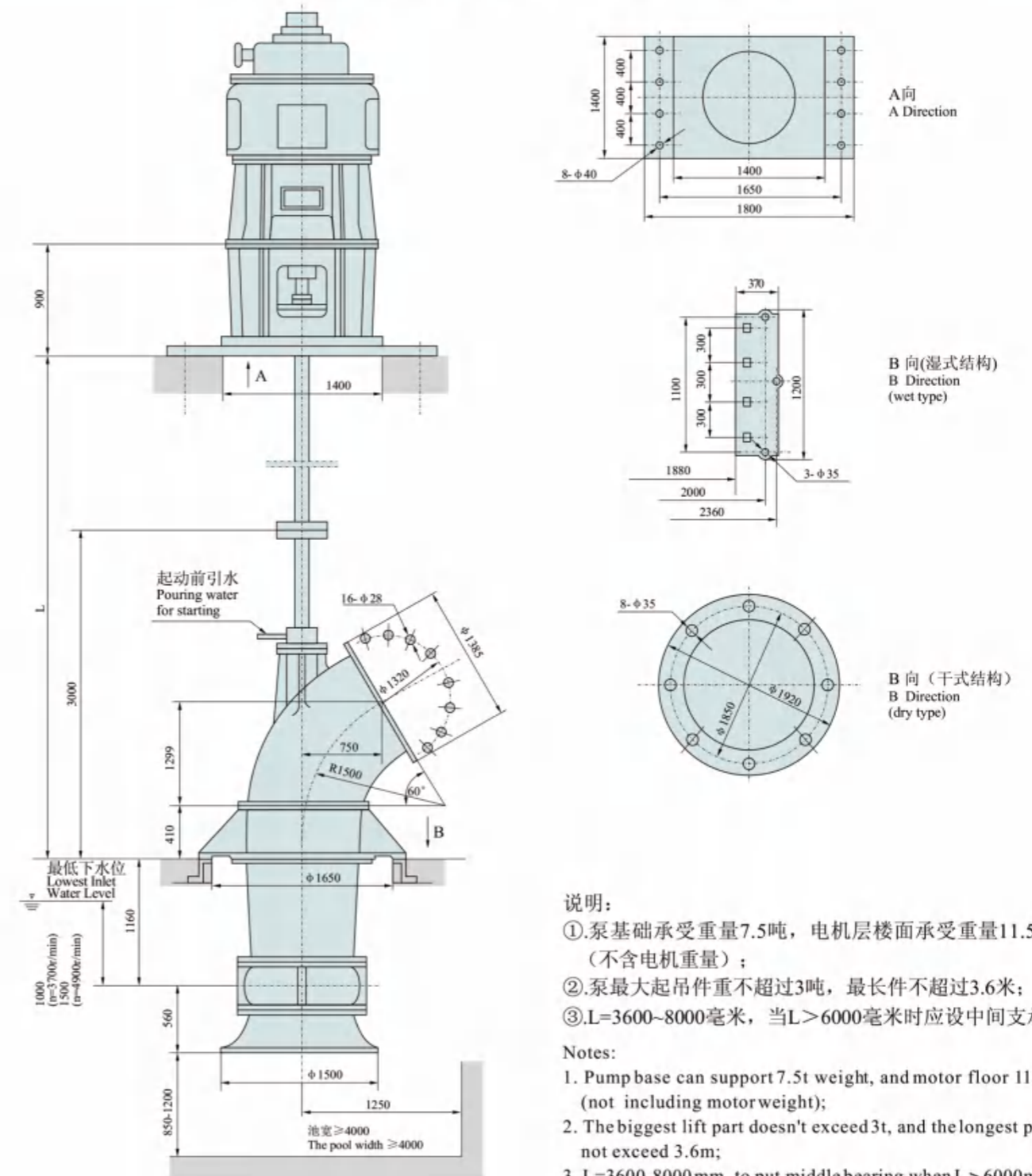
Notes:

1. Pump base can support 3.8t weight, and motor floor 10t (not including motor weight);
2. L=3800-8000mm, to put middle bearing when L>5500mm;
3. If the power ≤210kw, to use 113622 middle bearing; if power >210kw, 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".

## 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 (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;

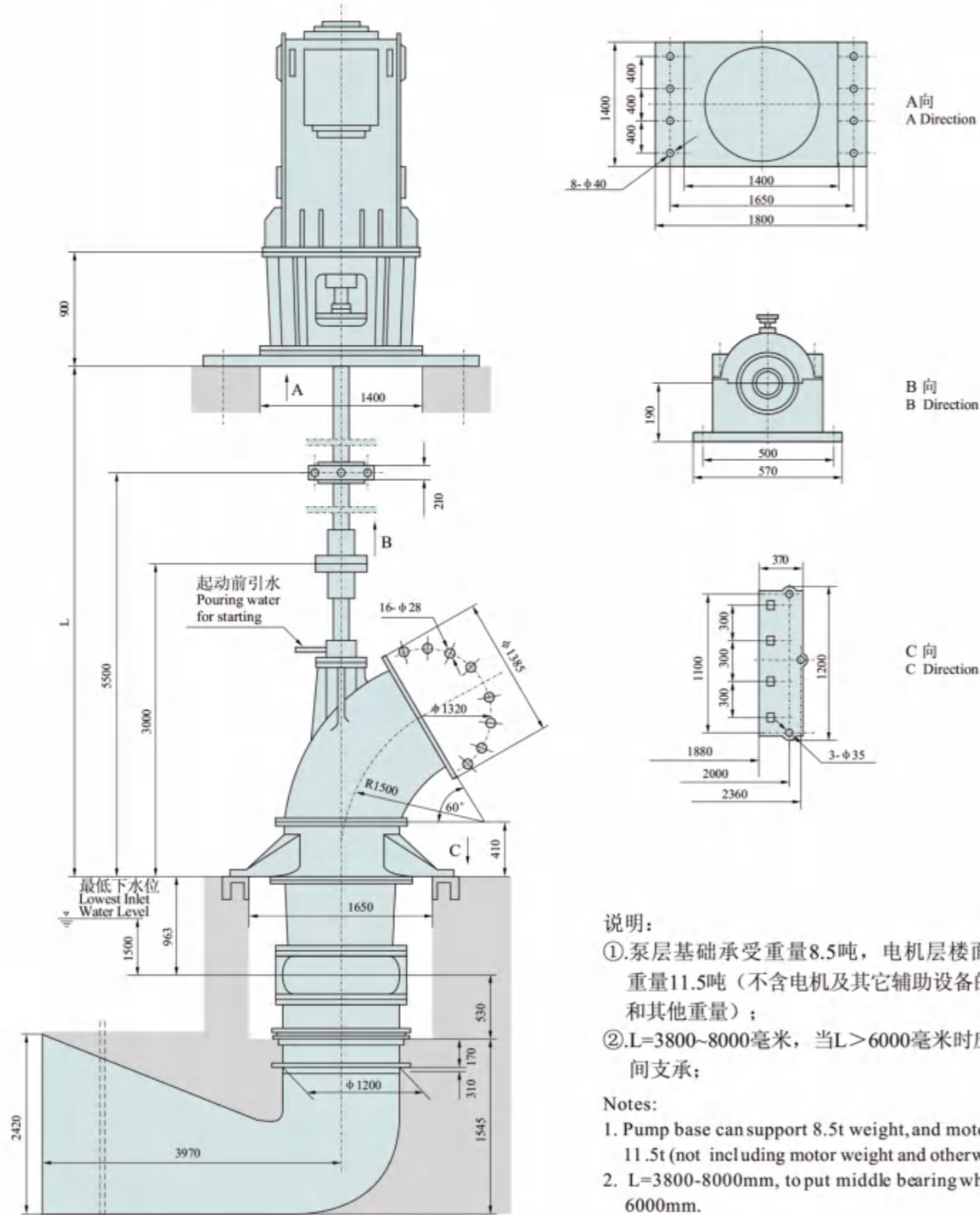
Notes:

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=3600-8000 mm, to put middle bearing when L > 6000mm.

## Z(H)LB 系列立式轴（混）流泵

### 安装外形尺寸图 INSTALLATION AND EXTERNAL DIMENSION FIGURES

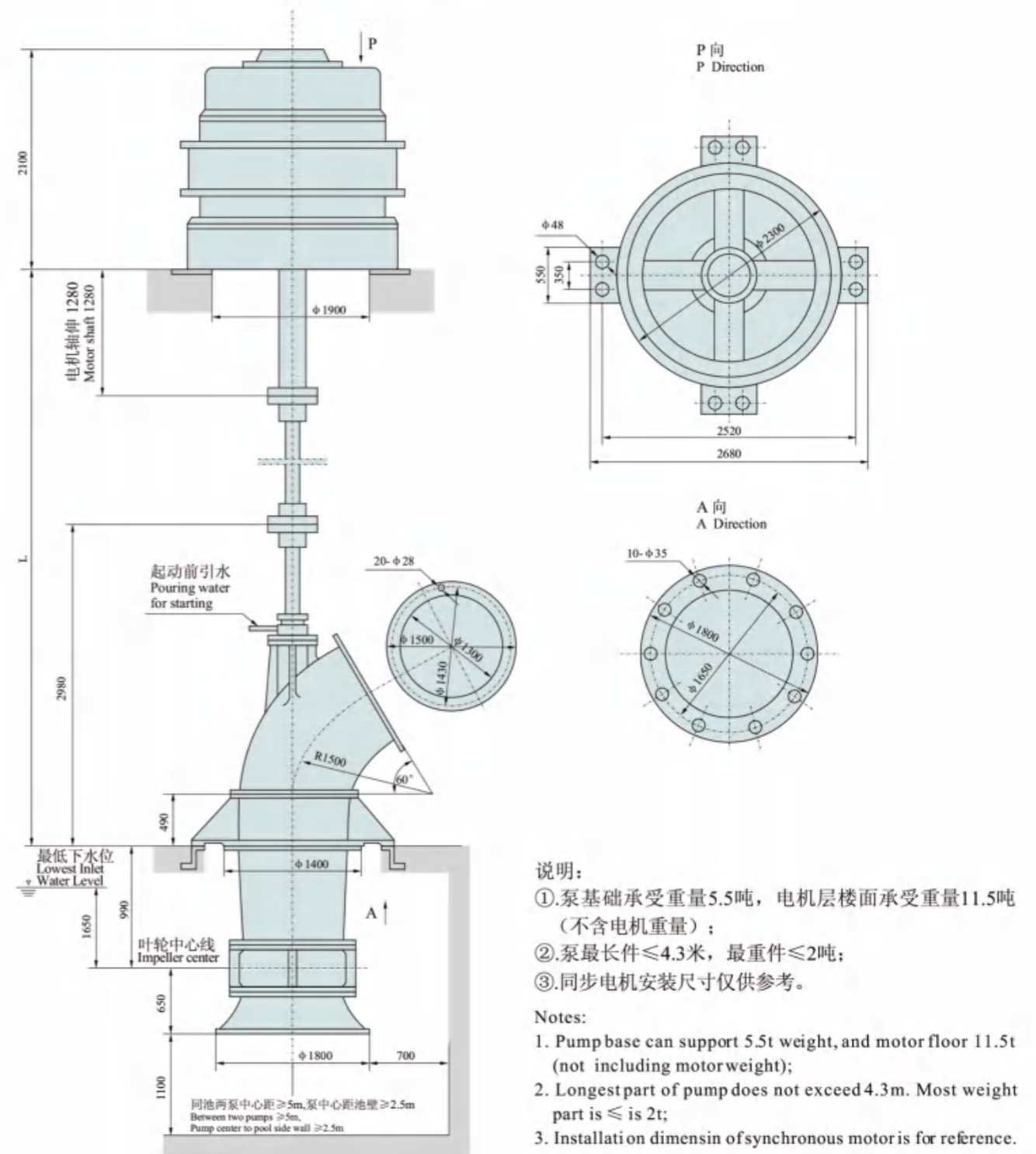
1200ZLB型轴流泵安装图（流道进水）  
Mounting Map of 1200ZLB Type Axial Pump (flow way suction water)



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

### 安装外形尺寸图 INSTALLATION AND EXTERNAL DIMENSION FIGURES

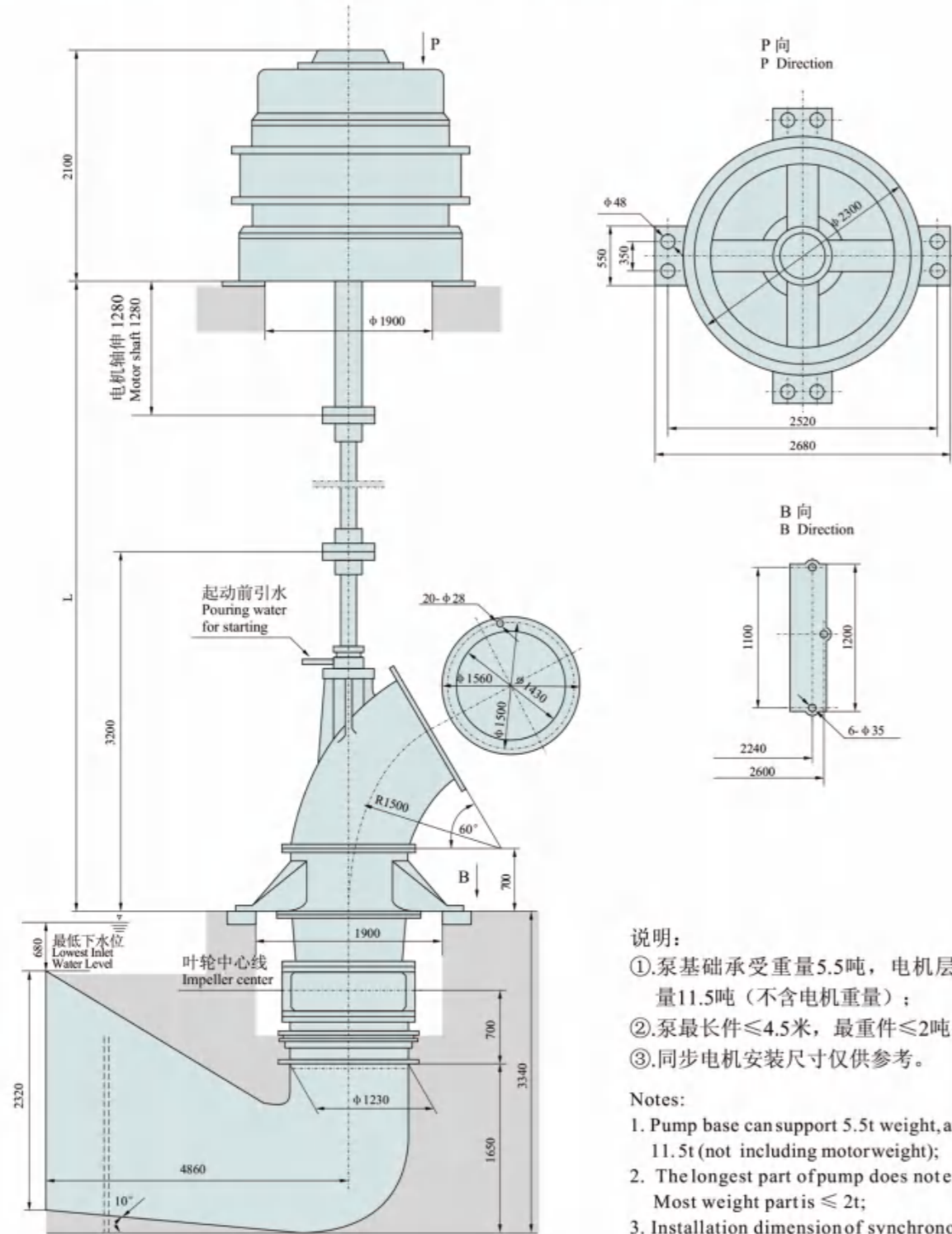
1300ZLB型轴流泵安装图（喇叭进水）  
Mounting Map of 1300ZLB Type Axial Pump (the bell suction water)



## Z(H)LB 系列立式轴（混）流泵

### 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)



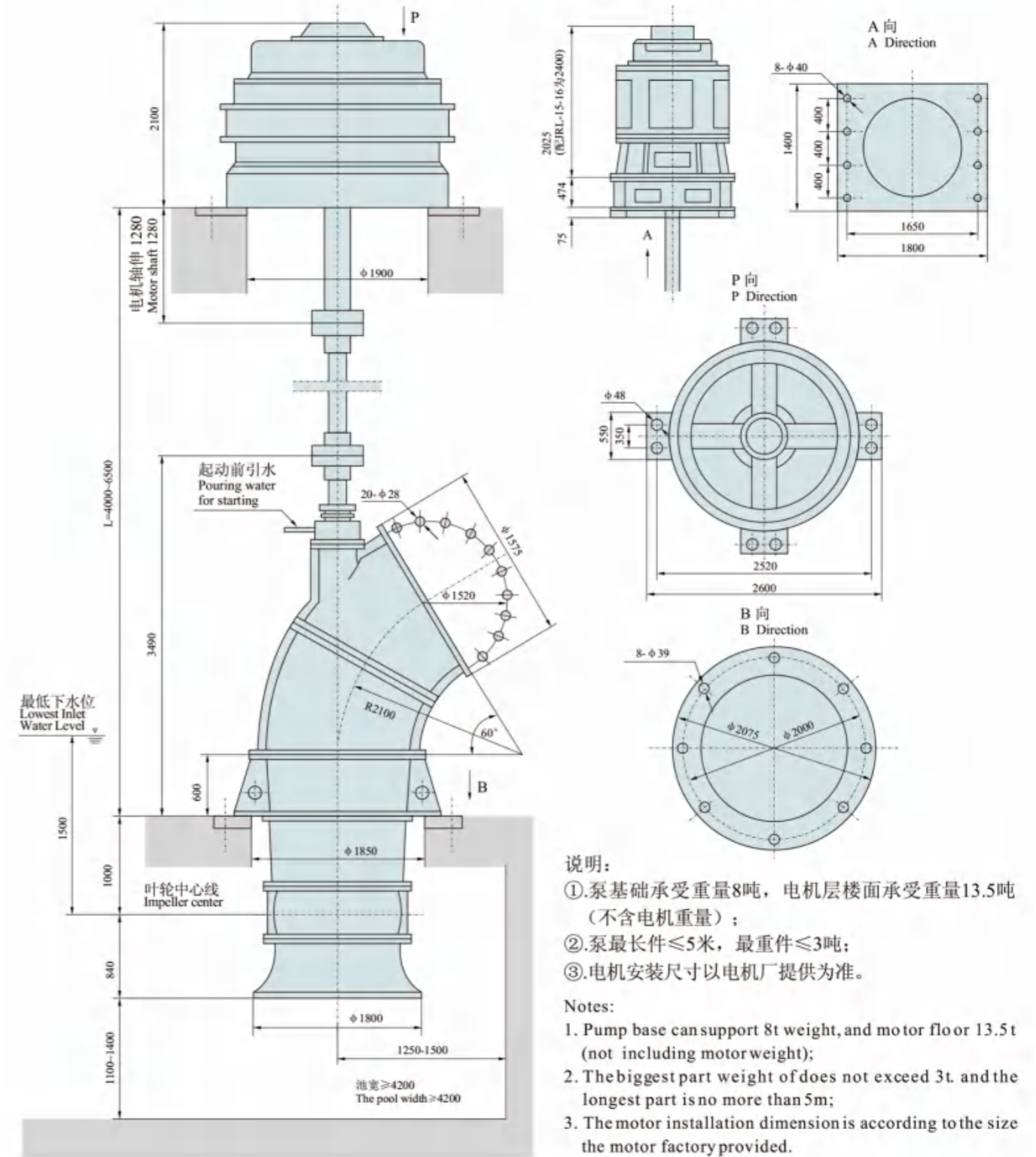
- 说明:
- ①. 泵基础承受重量5.5吨, 电机层楼面承受重量11.5吨 (不含电机重量);
  - ②. 泵最长件 $\leq 4.5$ 米, 最重件 $\leq 2$ 吨;
  - ③. 同步电机安装尺寸仅供参考。

- 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 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（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 $\leq 5$ 米, 最重件 $\leq 3$ 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 系列立式轴（混）流泵

### 安装外形尺寸图 INSTALLATION AND EXTERNAL DIMENSION FIGURES

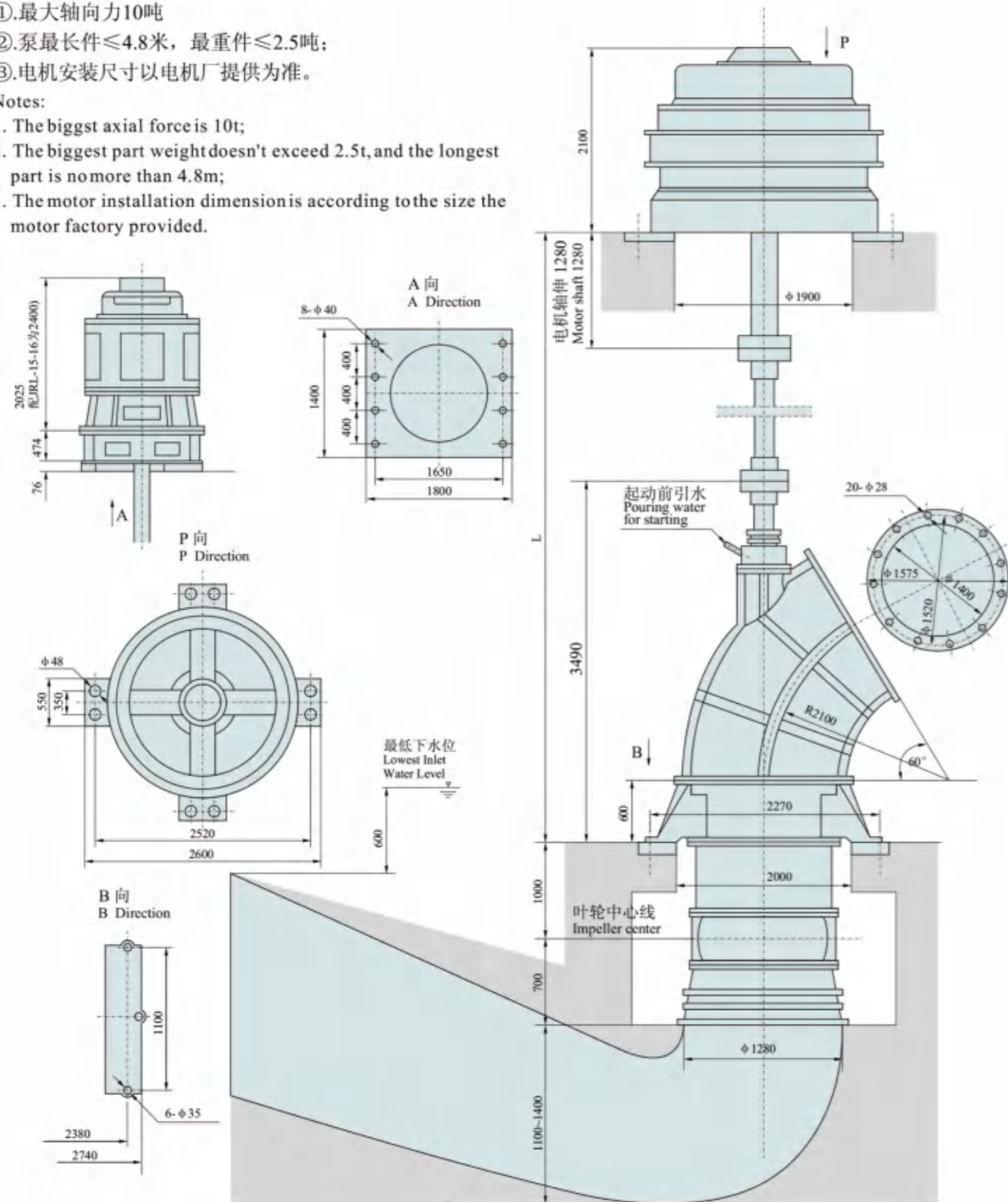
1400ZLQ/B型轴流泵安装图（流道进水）  
Mounting Map of 1400ZLQ/B Type Axial Pump (flow way suction water)

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:

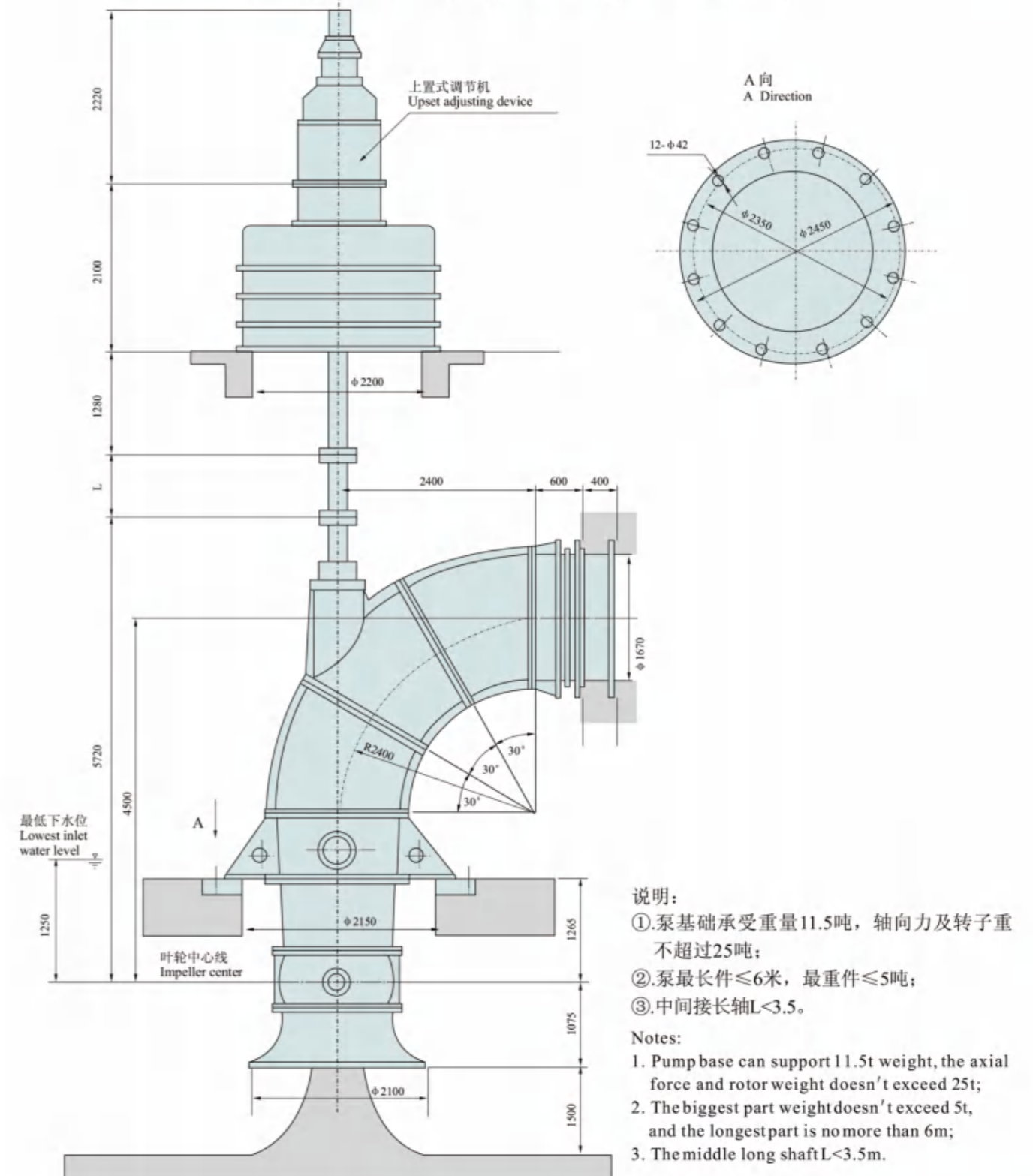
1. The biggest axial force is 10t;
2. The biggest part weight doesn't exceed 2.5t, and the longest part is no more than 4.8m;
3. The motor installation dimension is according to the size the motor factory provided.



## Z(H)LB 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（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 $L < 3.5$ 。

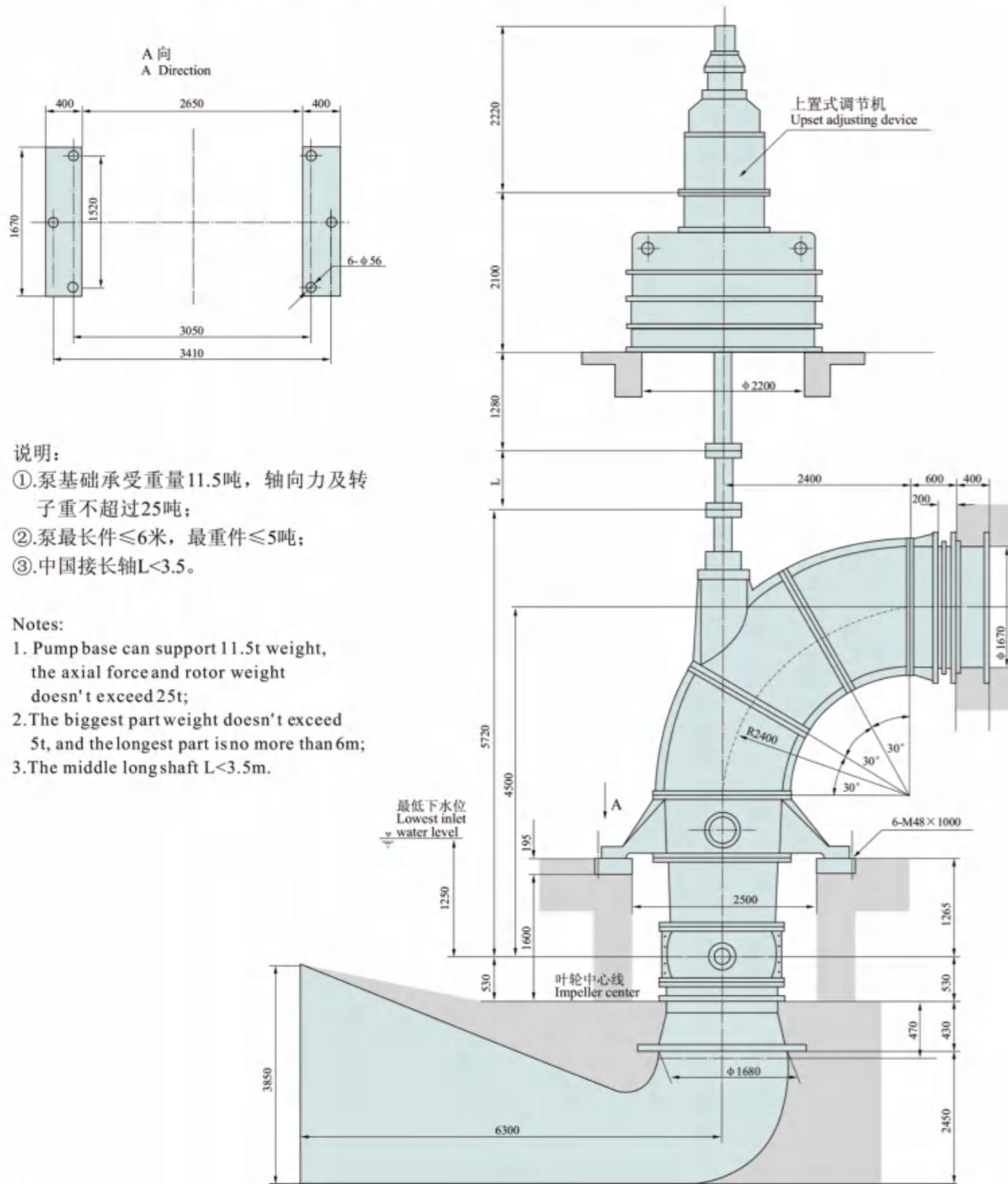
Notes:

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 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（流道进水）  
Mounting Map of 1600ZLQ/B Type Axial Pump (flow way suction water)



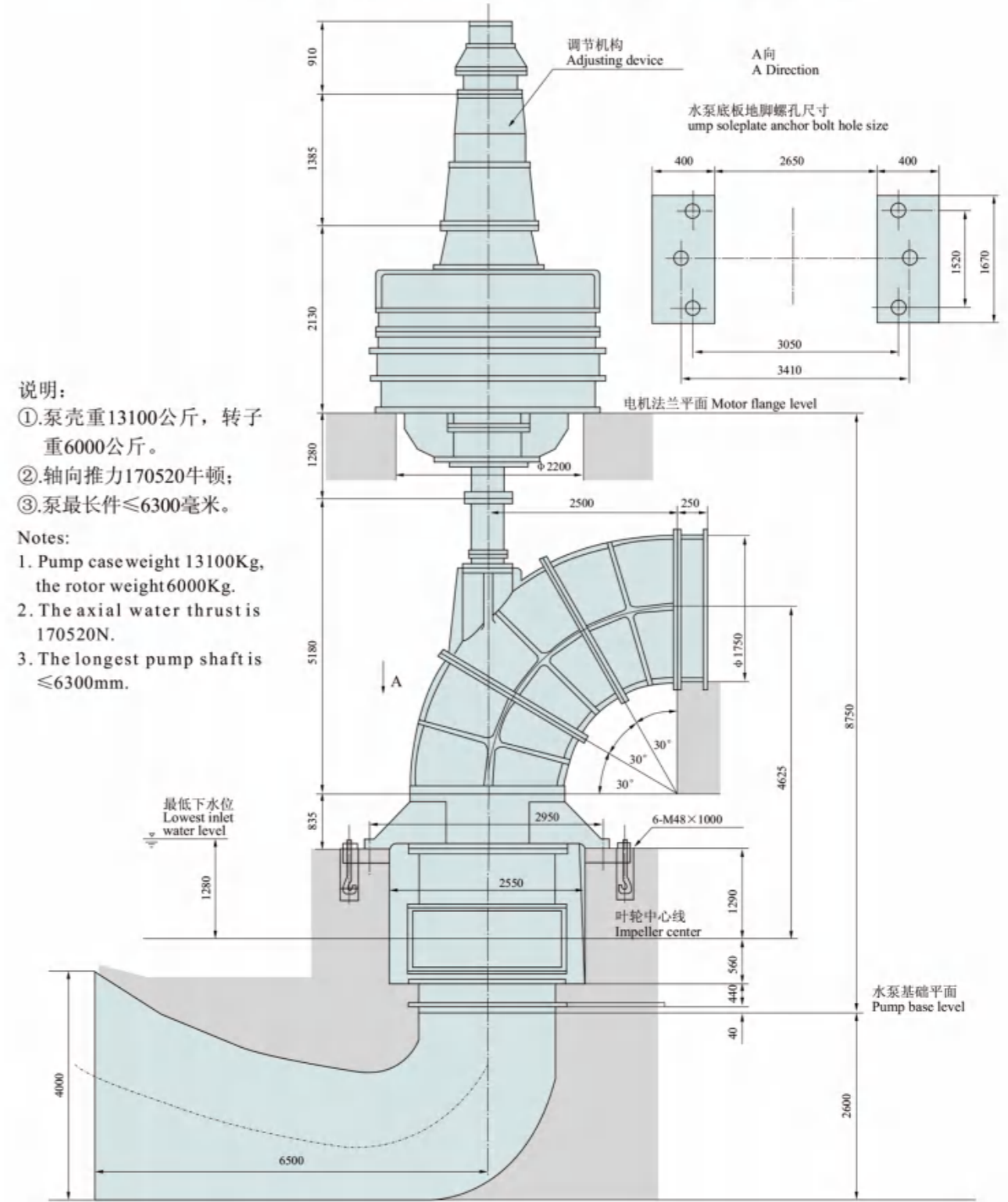
- 说明：  
①.泵基础承受重量11.5吨，轴向力及转子重不超过25吨；  
②.泵最长件 $\leq 6$ 米，最重件 $\leq 5$ 吨；  
③.中国接长轴 $L < 3.5$ 。

- 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 SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 安装外形尺寸图 INSTALLATION AND EXTERNAL DIMENSION FIGURES

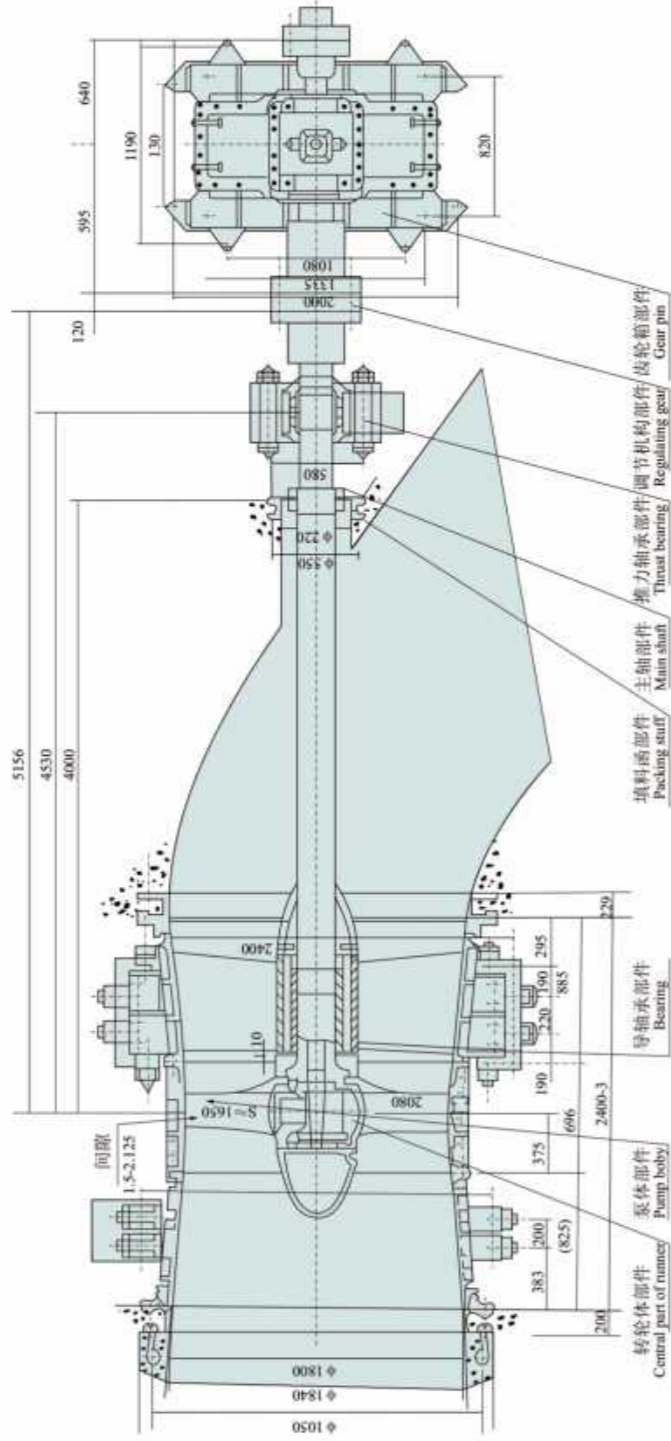
1.75ZLQ/B-6型机械全调节轴流泵安装图  
Mounting Map of 1.75ZLQ/B-6 Mechanically fully-adjustable Axial Pump



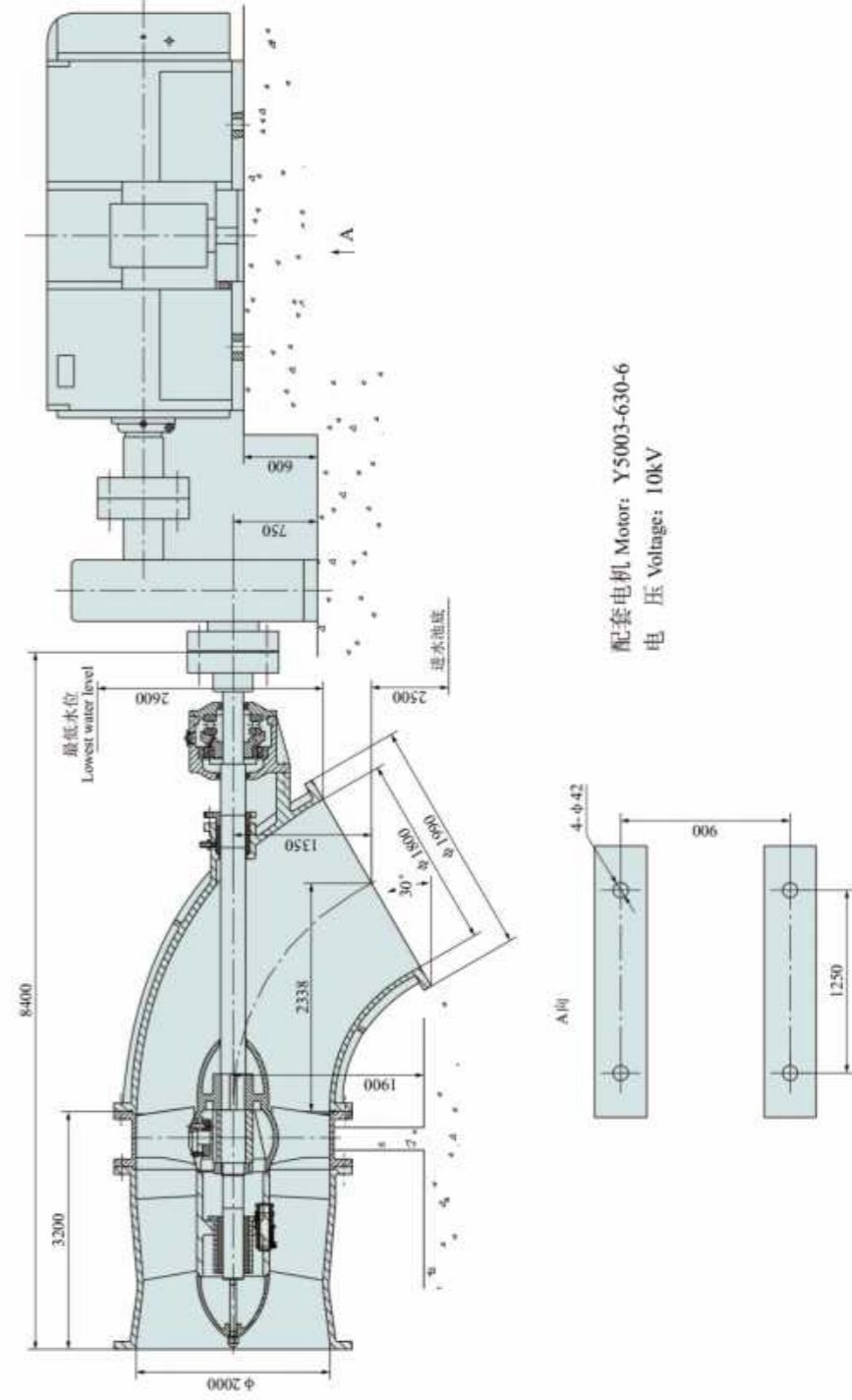
- 说明：  
①.泵壳重13100公斤，转子重6000公斤。  
②.轴向推力170520牛顿；  
③.泵最长件 $\leq 6300$ 毫米。

- 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.

1.8ZWQ-100、1.8ZWQ-160型泵外形和安装尺寸图  
1.8ZWQ-100, 1.8ZWQ-160 Installation and external dimension figures



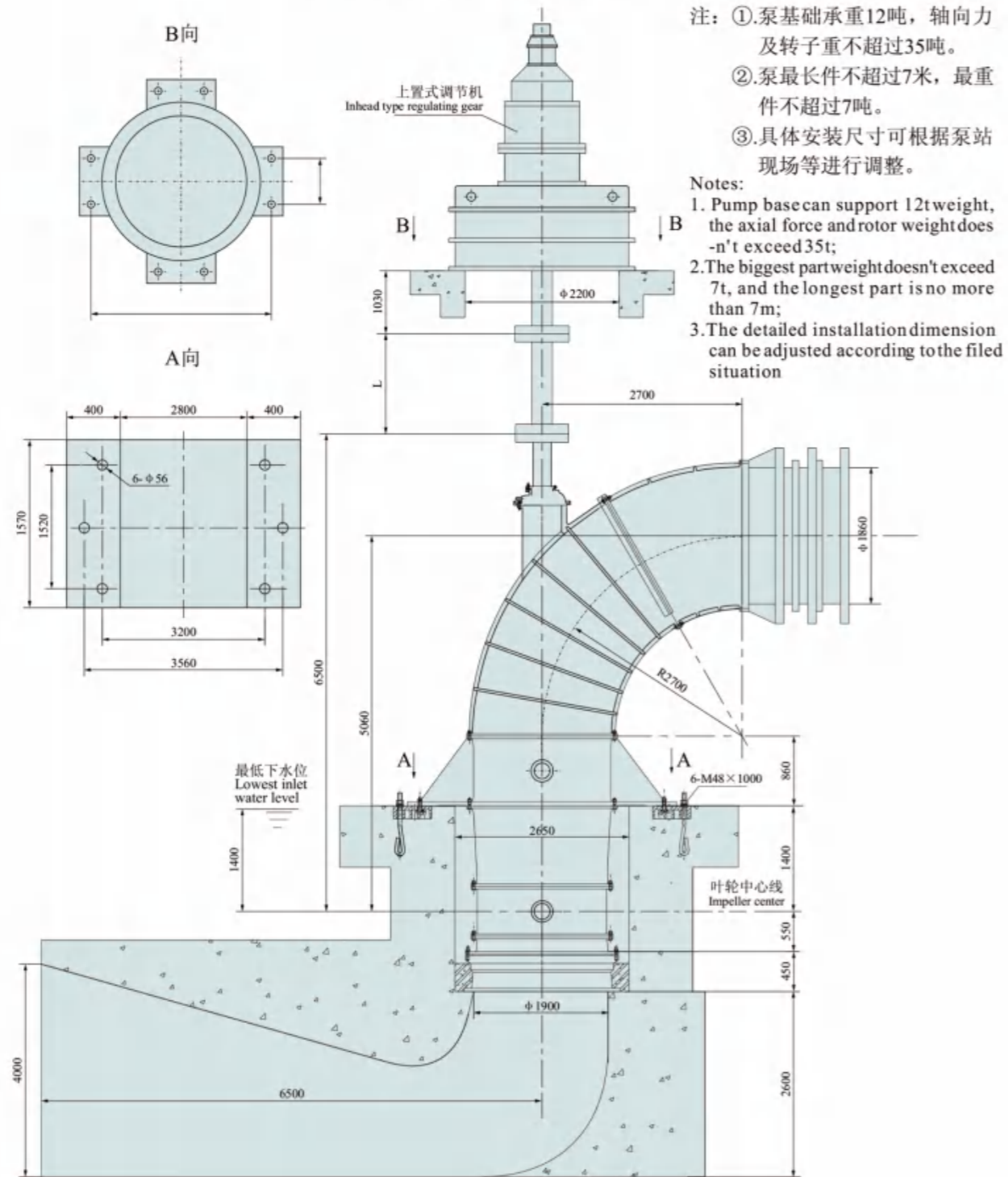
1.8ZWB-3型泵外形和安装尺寸图  
1.8ZWB-3 Installation and external dimension figures



## Z(H)LB 系列立式轴（混）流泵

### 安装外形尺寸图 INSTALLATION AND EXTERNAL DIMENSION FIGURES

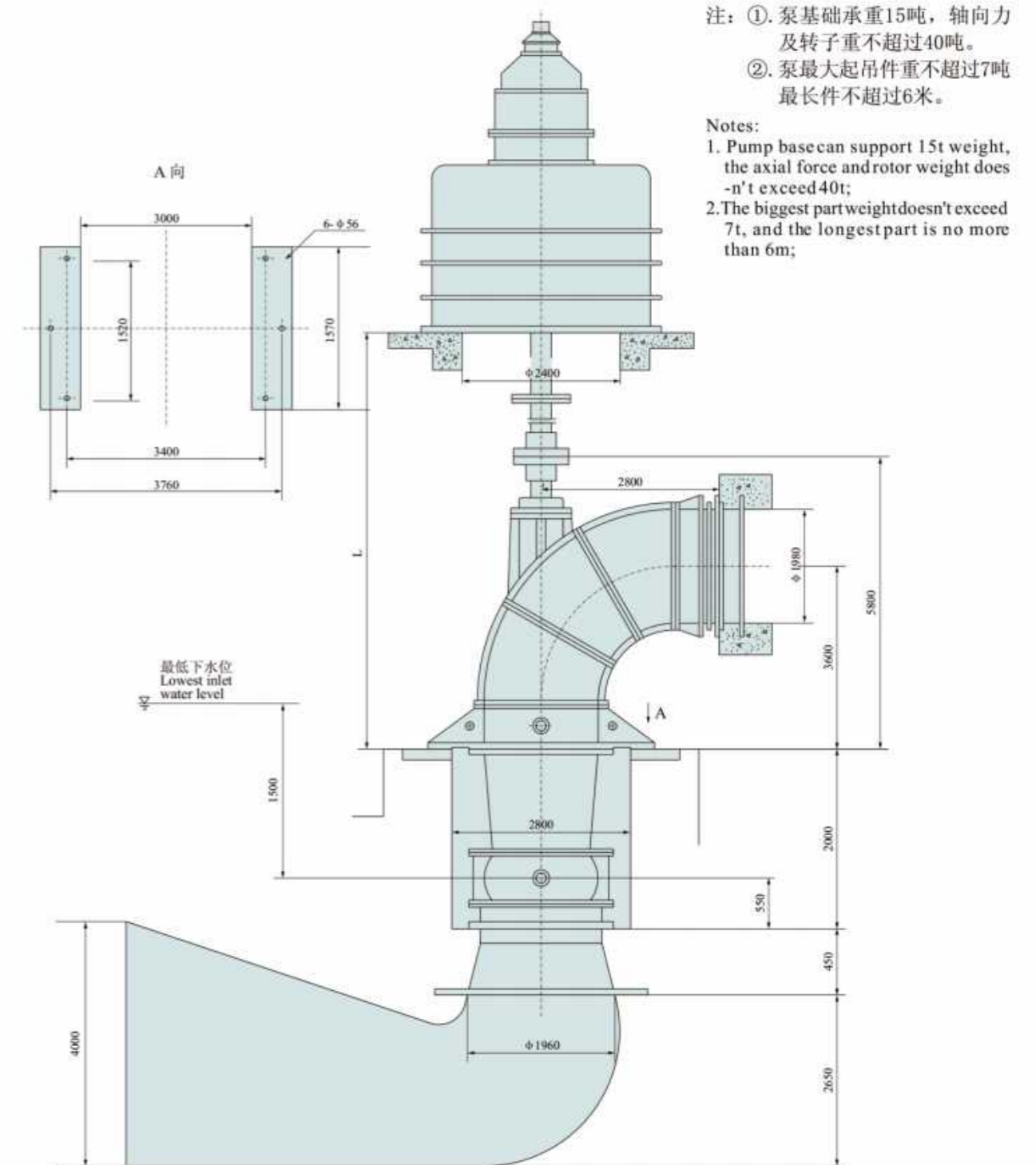
1.8ZLB/Q型轴流泵安装外形尺寸图  
Mounting Map of 1.8ZLB/Q Type Axial Pump



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

### 安装外形尺寸图 INSTALLATION AND EXTERNAL DIMENSION FIGURES

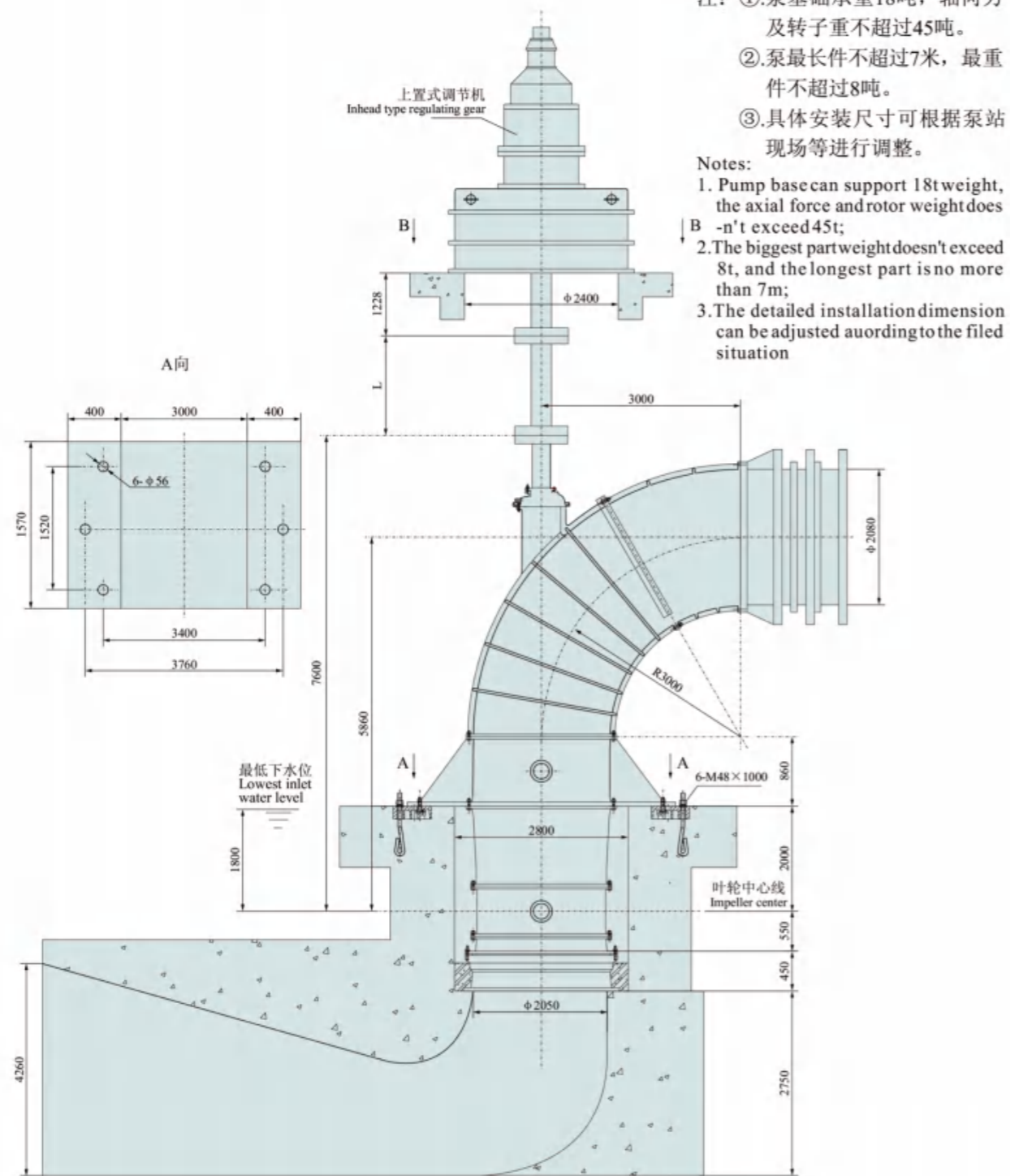
1.9ZLB/Q型轴流泵安装外形尺寸图  
Mounting Map of 1.9ZLB/Q Type Axial Pump



## Z(H)LB 系列立式轴（混）流泵

### 安装外形尺寸图 INSTALLATION AND EXTERNAL DIMENSION FIGURES

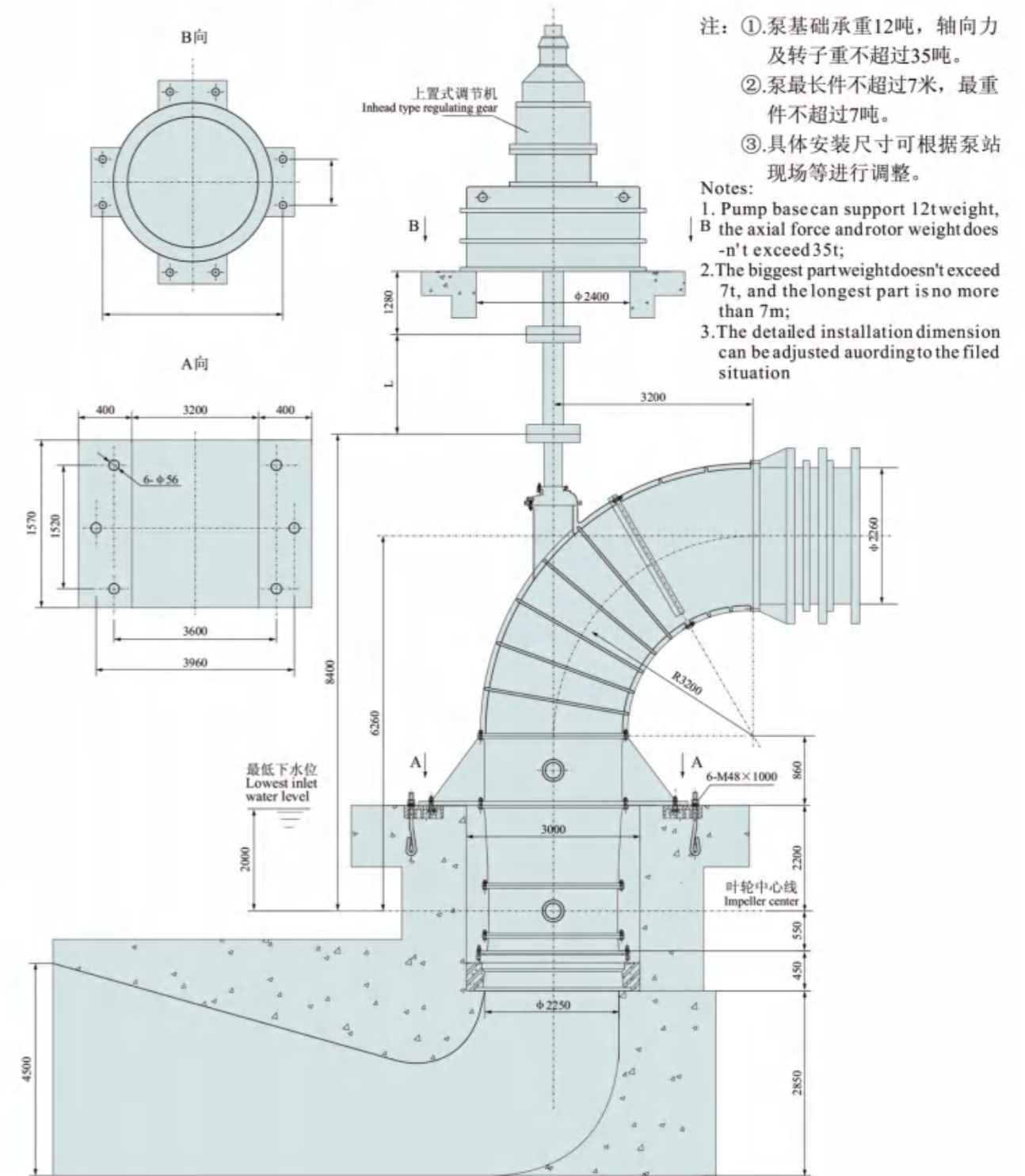
2.0ZLB/Q型轴流泵安装外形尺寸图  
Mounting Map of 2.0ZLB/Q Type Axial Pump



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

### 安装外形尺寸图 INSTALLATION AND EXTERNAL DIMENSION FIGURES

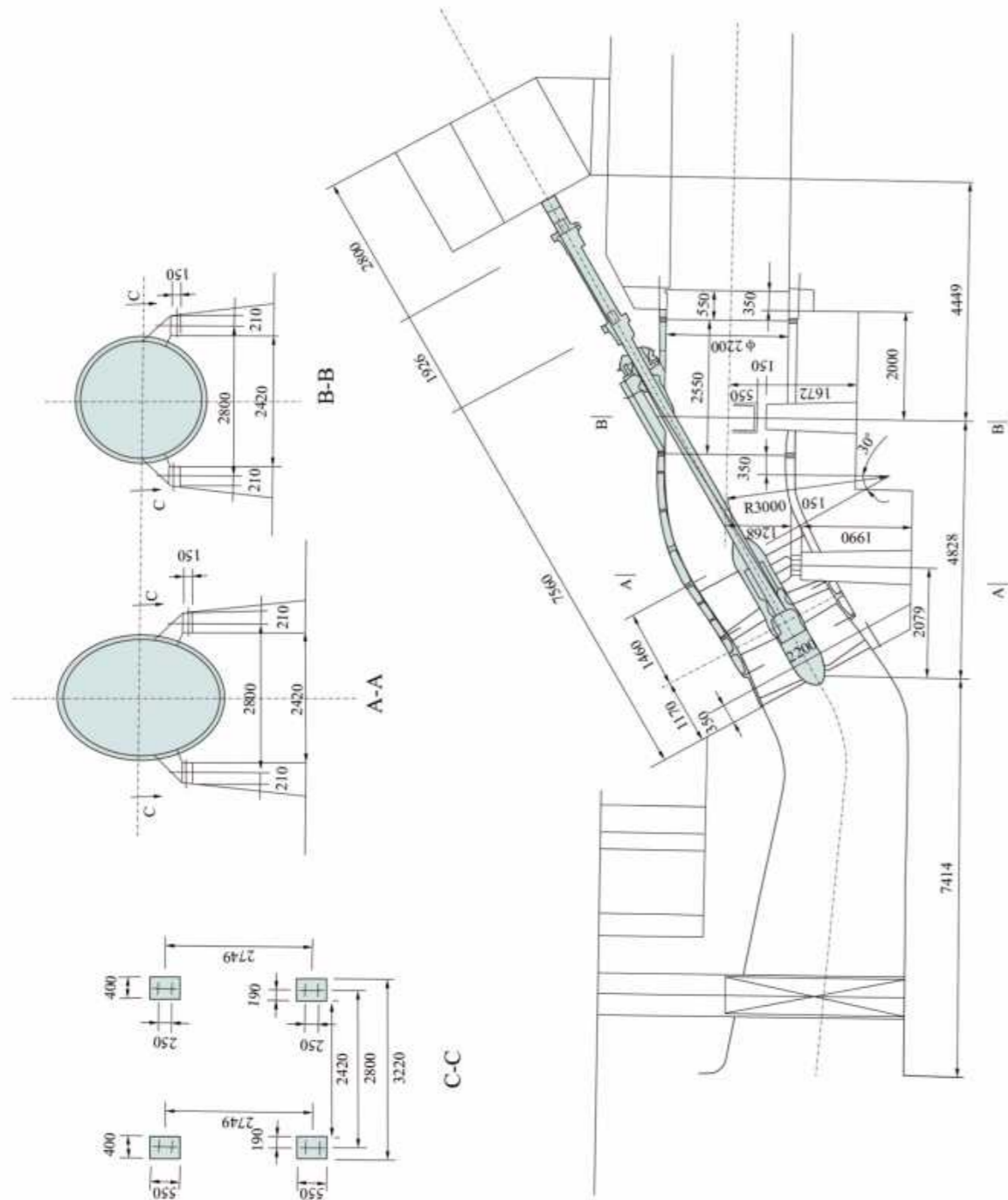
2.2ZLB/Q型轴流泵安装外形尺寸图  
Mounting Map of 2.2ZLB/Q Type Axial Pump



## Z(H)LB 系列立式轴（混）流泵

### 安装外形尺寸图 INSTALLATION AND EXTERNAL DIMENSION FIGURES

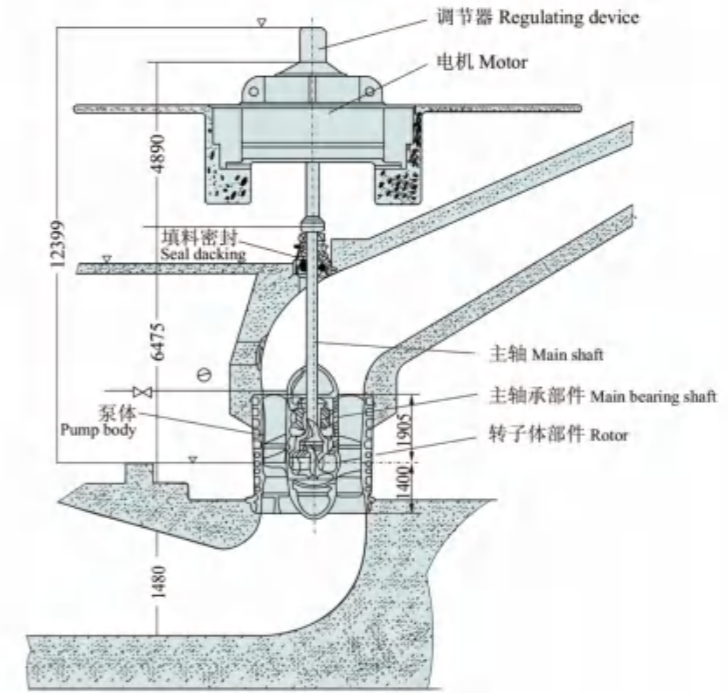
2.2ZXB-100型泵外形和安装尺寸图  
2.2ZXB-100 Installation and external dimension figures



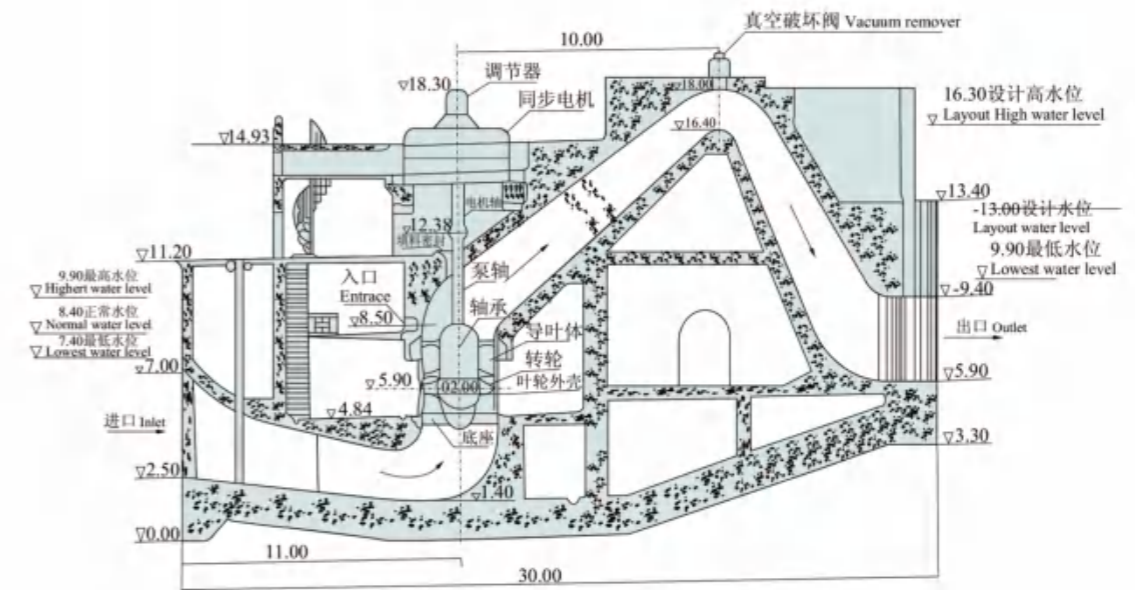
## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 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



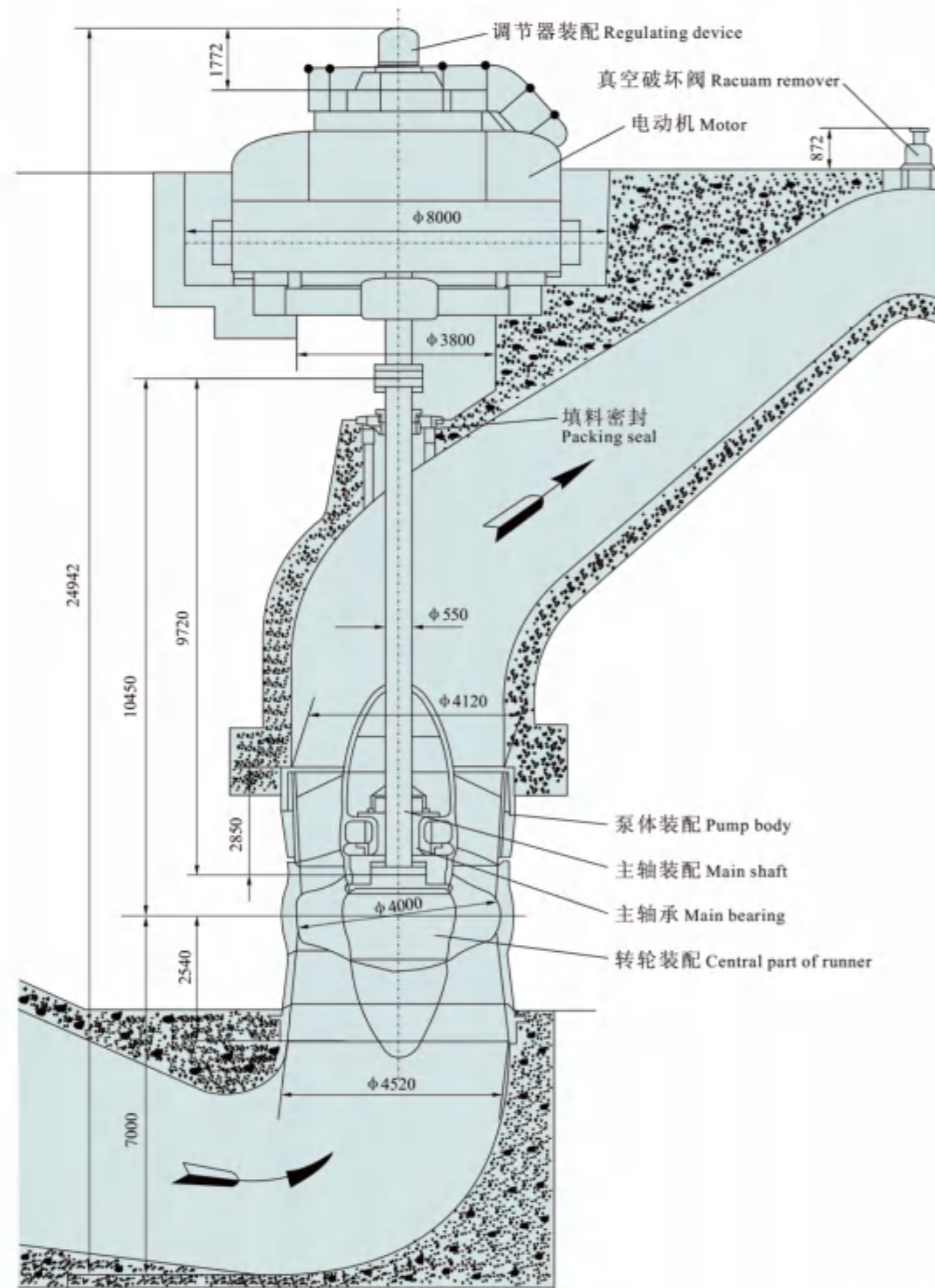
2.8ZLQ/B-5.6型泵外形和安装图  
Structure Drawing of Model 2.8ZLQ/B-5.6 Axial Flow Pump



## Z(H)LB 系列立式轴（混）流泵

### 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

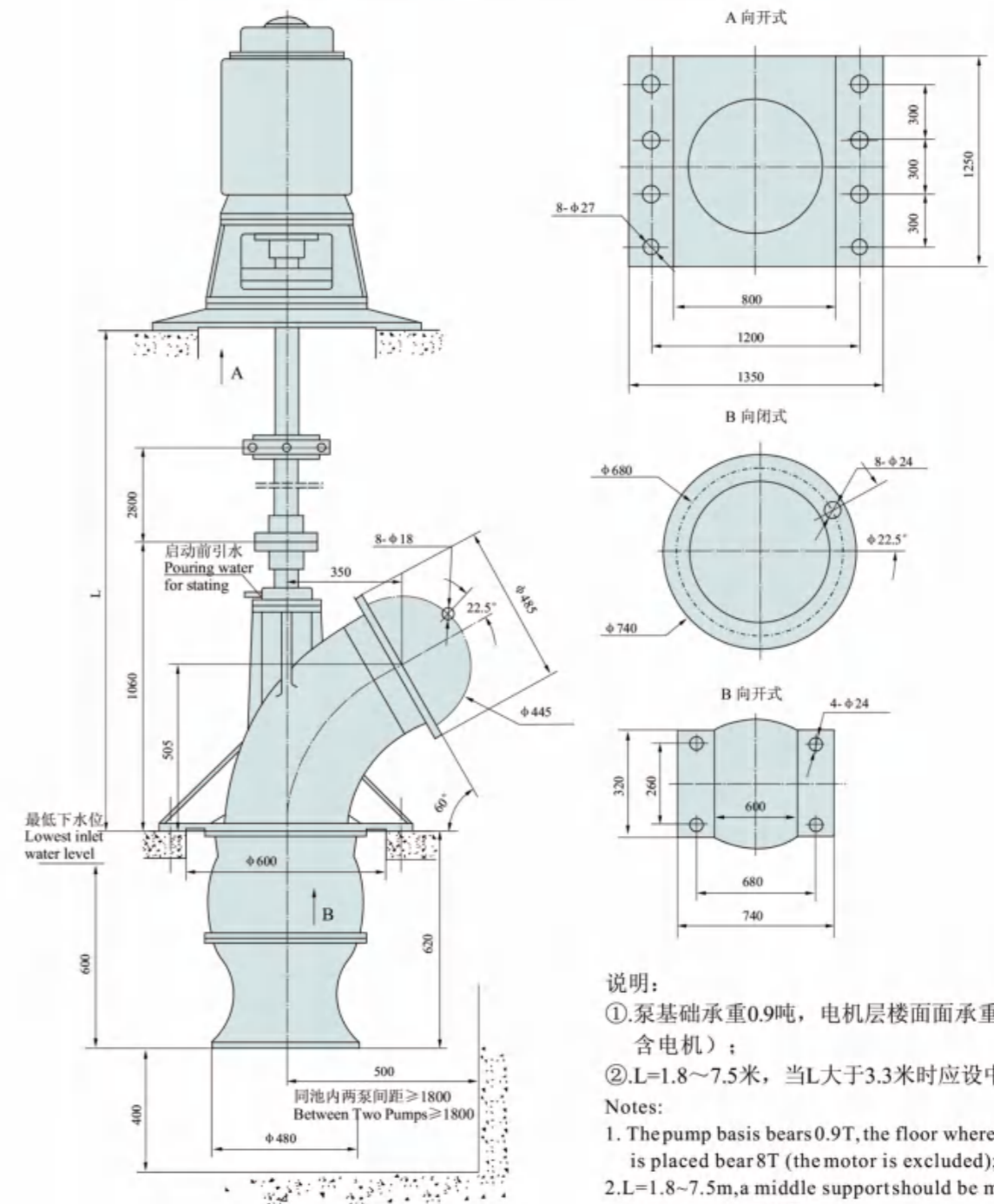


## Z(H)LB SERIES VERTICAL AXIAL-(MIXED)-FLOW PUMP

### 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



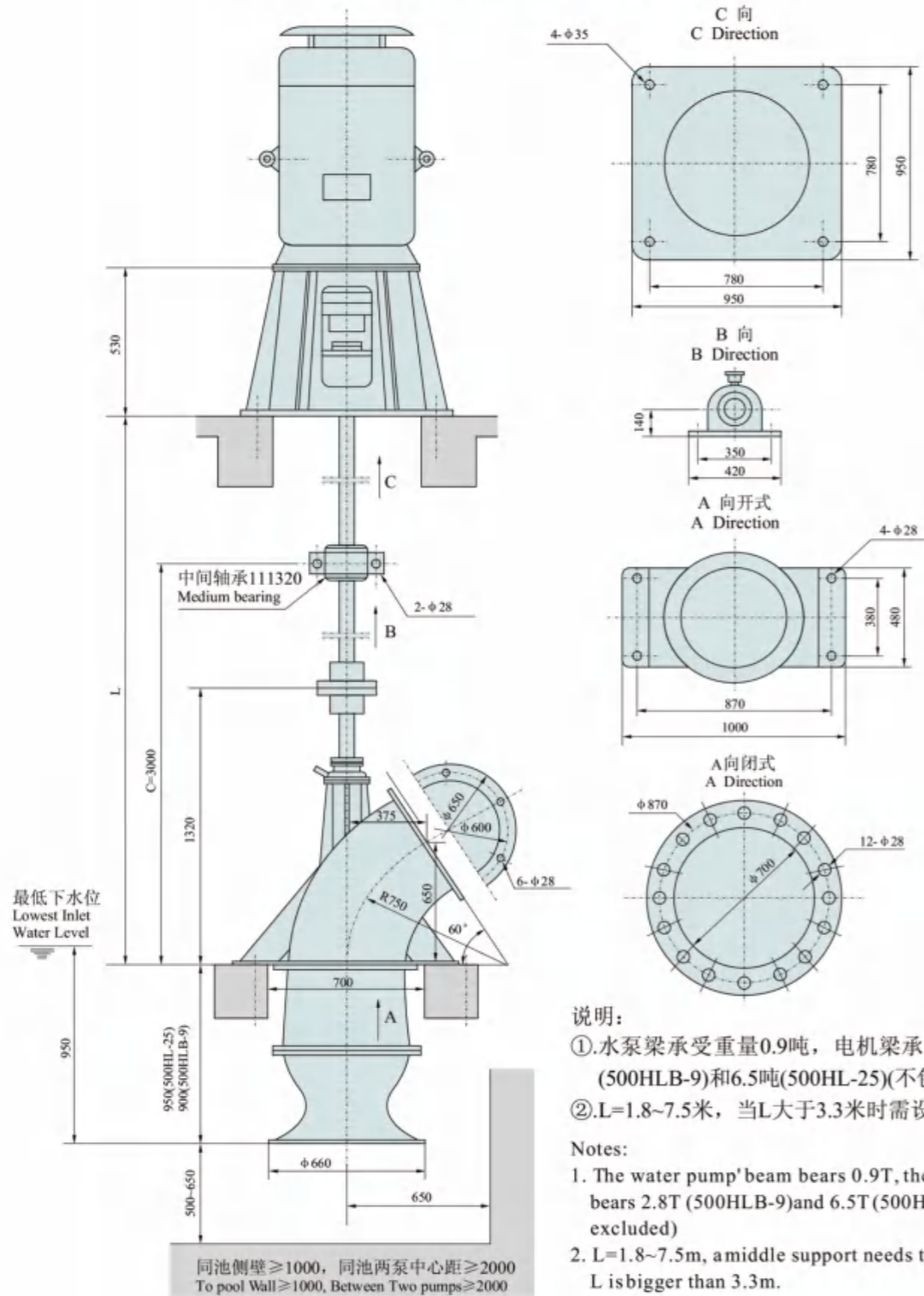
说明:

- ①. 泵基础承重0.9吨, 电机层楼面承重8吨 (不含电机);
  - ②.  $L=1.8\sim 7.5$ 米, 当 $L$ 大于3.3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.  $L=1.8\sim 7.5$ m, a middle support should be made when  $L$  is bigger than 3.3m.

## Z(H)LB 系列立式轴（混）流泵

### 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=1.8~7.5米, 当L大于3.3米时需设中间轴承。

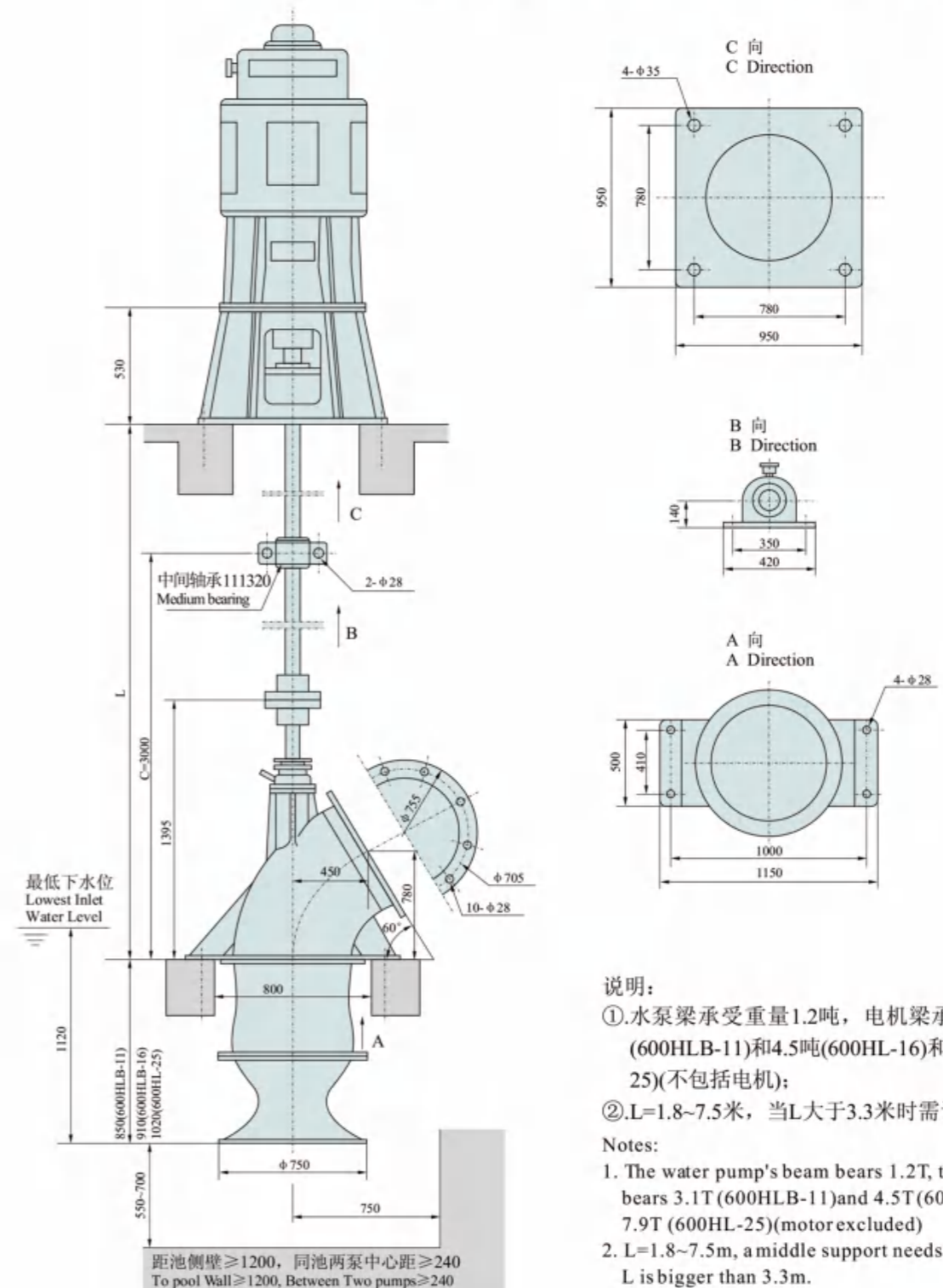
Notes:

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=1.8~7.5m, 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

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=1.8~7.5米, 当L大于3.3米时需设中间轴承。

Notes:

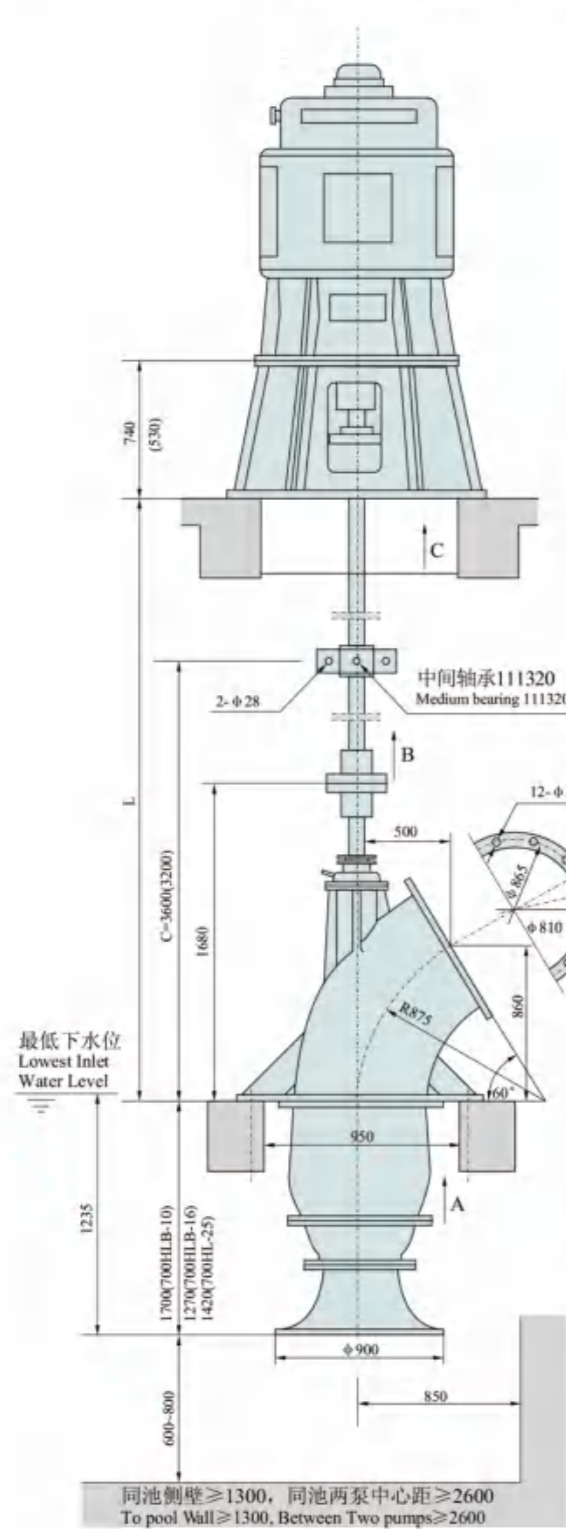
1. The water pump's beam bears 1.2T, the motor's one bears 3.1T (600HLB-11) and 4.5T (600HLB-16) and 7.9T (600HL-25) (motor excluded)
2. L=1.8~7.5m, a middle support needs to be set when L is bigger than 3.3m.

## Z(H)LB 系列立式轴（混）流泵

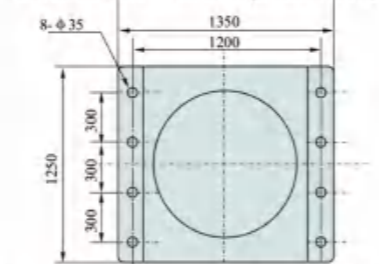
### 安装外形尺寸图 INSTALLATION AND EXTERNAL DIMENSION FIGURES

700HLB-10、700HLB-13、600HL-25安装外形图

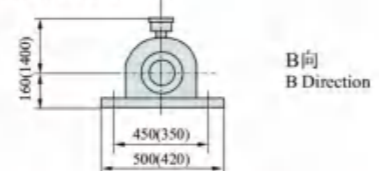
Installation sketch of 700HLB-10, 700HLB-13 and 600HL-25 Mixed-flow pump



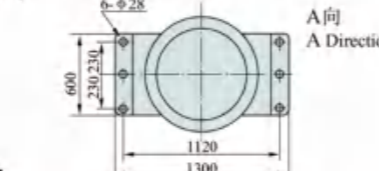
C向 (电机功率 $\geq 180$ 千瓦用)  
Direction C (used for the motor power  $\geq 180$  kW)



注: 电机功率 $\leq 155$ 千瓦, 电机座请参阅上一  
页600HLB型电机座尺寸(950 $\times$ 950)。  
Notes: motor's power  $\leq 155$  kW, please refer to the  
size (950 $\times$ 950) of 600HLB motor seat in the last  
page for the motor seat.



注: 电机功率 $\leq 155$ 千瓦, 用括号内的尺寸。  
Notes: motor's power  $\leq 155$  kW, use the size in the  
bracket)



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.  $L=2.2\sim 7.8$ 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, 请向我厂索取安装外图。

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.  $L=2.2\sim 7.8$  m, a middle support needs to be set when  $L$  is bigger than 3.9 m;
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 180 kW motors fitted with 700HLB-10 pump.

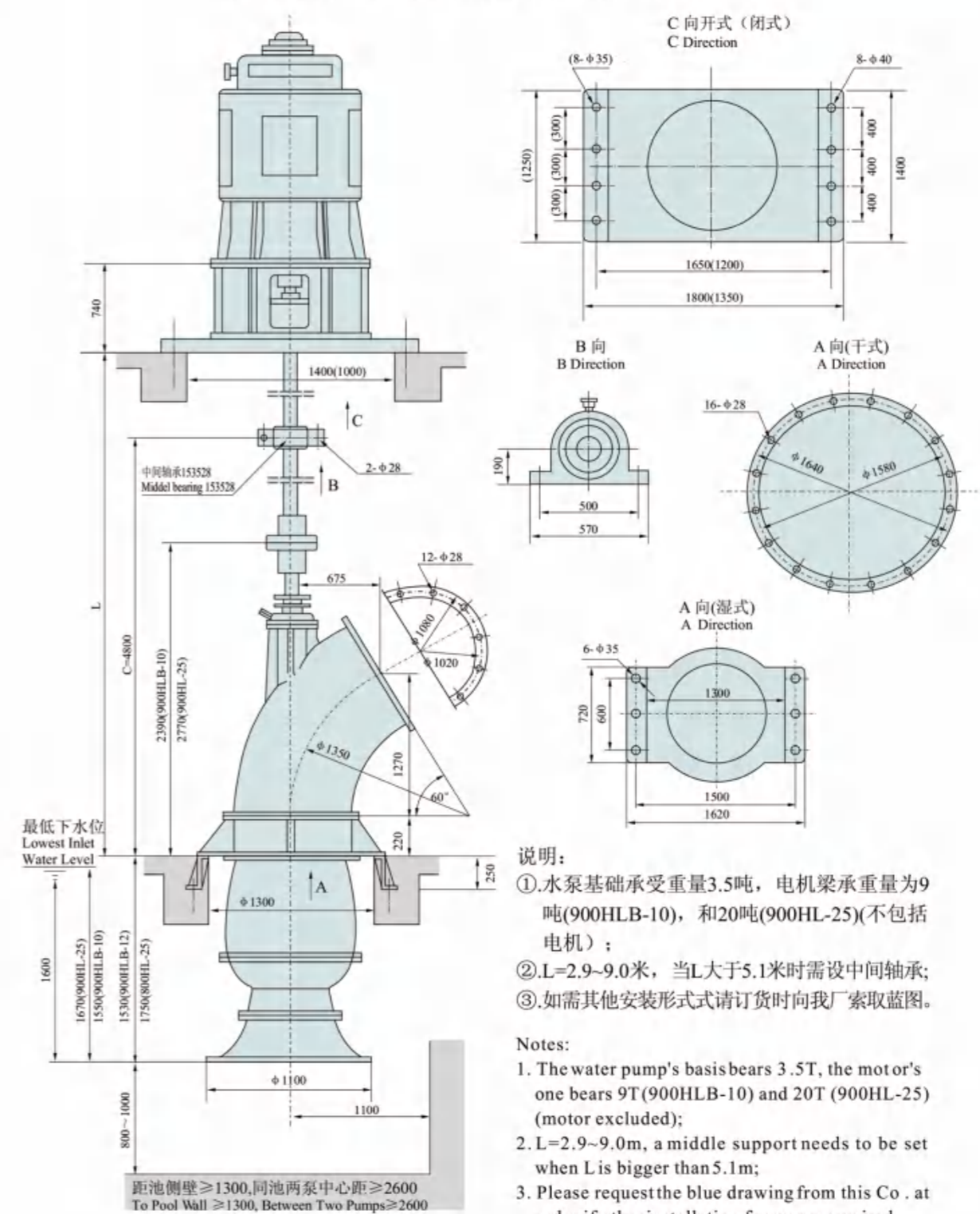
同池侧壁 $\geq 1300$ , 同池两泵中心距 $\geq 2600$   
To pool Wall  $\geq 1300$ , Between Two pumps  $\geq 2600$

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

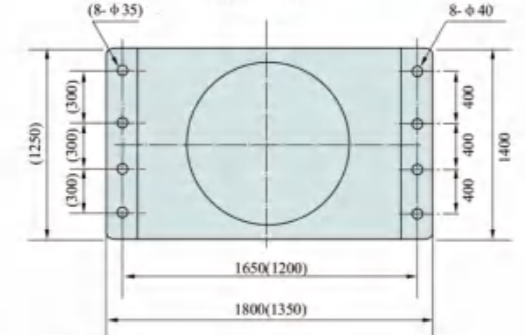
### 安装外形尺寸图 INSTALLATION AND EXTERNAL DIMENSION FIGURES

900HLB-10、900HL-25安装外形图

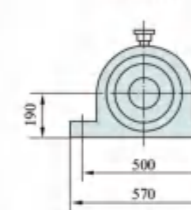
Installation sketch of 900HLB-10 and 900HL-25 Mixed-flow pump



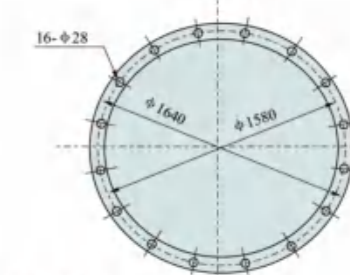
C向 开式 (闭式)  
C Direction



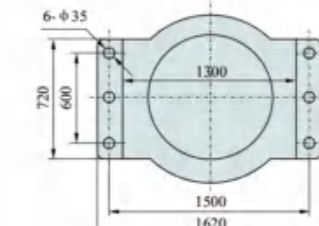
B向  
B Direction



A向 (干式)  
A Direction



A向 (湿式)  
A Direction



说明:

- ①. 水泵基础承受重量3.5吨, 电机梁承受重量为9吨(900HLB-10), 和20吨(900HL-25)(不包括电机);
- ②.  $L=2.9\sim 9.0$ 米, 当 $L$ 大于5.1米时需设中间轴承;
- ③. 如需其他安装形式请订货时向我厂索取蓝图。

Notes:

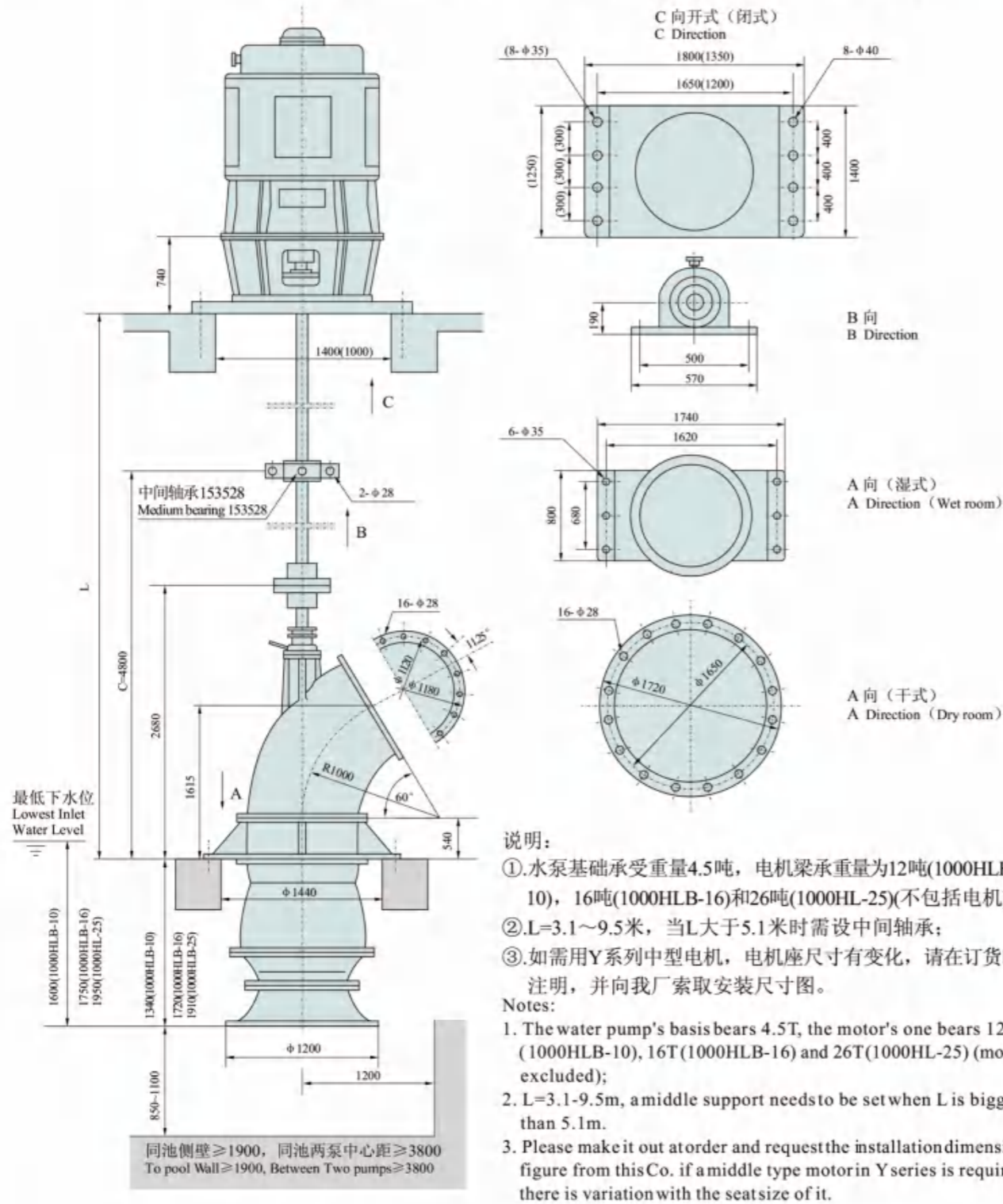
1. The water pump's basis bears 3.5T, the motor's one bears 9T(900HLB-10) and 20T(900HL-25) (motor excluded);
2.  $L=2.9\sim 9.0$  m, a middle support needs to be set when  $L$  is bigger than 5.1 m;
3. Please request the blue drawing from this Co. at order if other installation forms are required.

距池侧壁 $\geq 1300$ , 同池两泵中心距 $\geq 2600$   
To Pool Wall  $\geq 1300$ , Between Two Pumps  $\geq 2600$

## Z(H)LB 系列立式轴（混）流泵

### 安装外形尺寸图 INSTALLATION AND EXTERNAL DIMENSION FIGURES

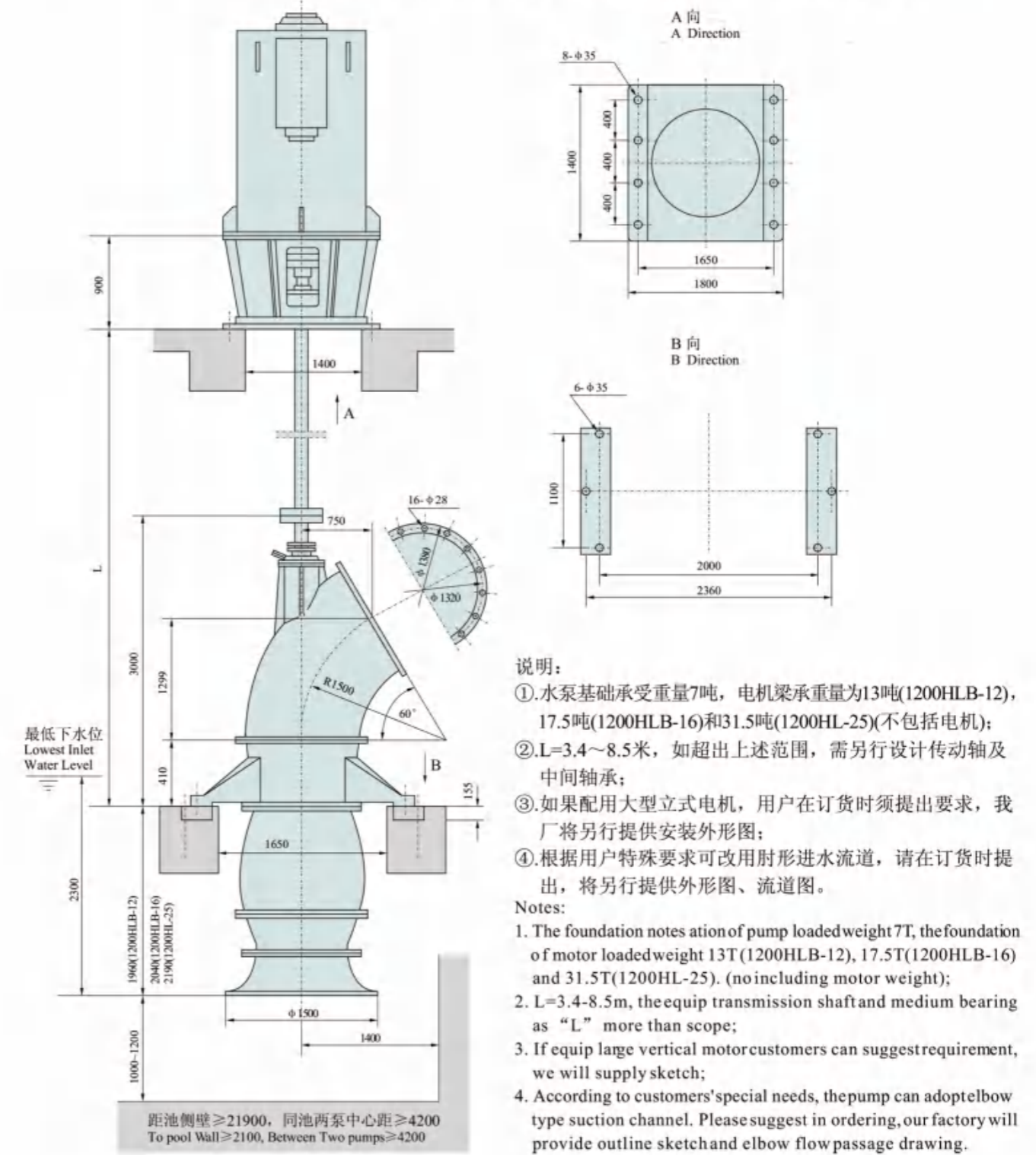
1000HLB-10、1000HLB-16、1000HL-25安装外形图  
Installation sketch of 1000HLB-10, 1000HLB-16 and 1000HL-25 Mixed-flow pump



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

### 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



## Z(H)LB 系列立式轴（混）流泵

### 安装外形尺寸图 INSTALLATION AND EXTERNAL DIMENSION FIGURES

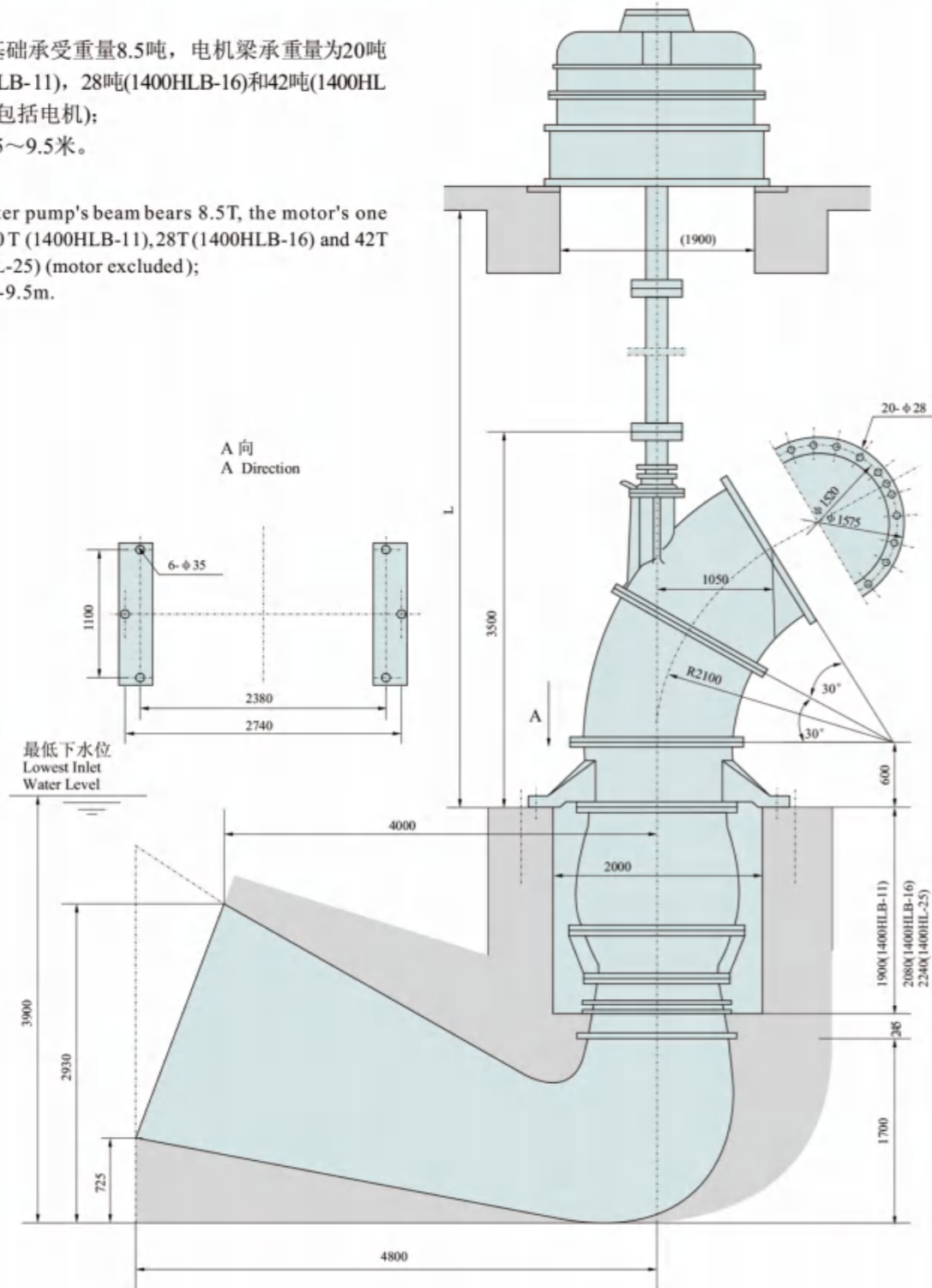
1400HLB-11、1400HLB-16、1400HL-25安装外形图  
Installation sketch of 1400HLB-11, 1400HLB-16 and 1400HL-25 Mixed-flow pump

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.  $L=4.45\sim 9.5$ 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.  $L=4.45\sim 9.5$ m.



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

### 安装外形尺寸图 INSTALLATION AND EXTERNAL DIMENSION FIGURES

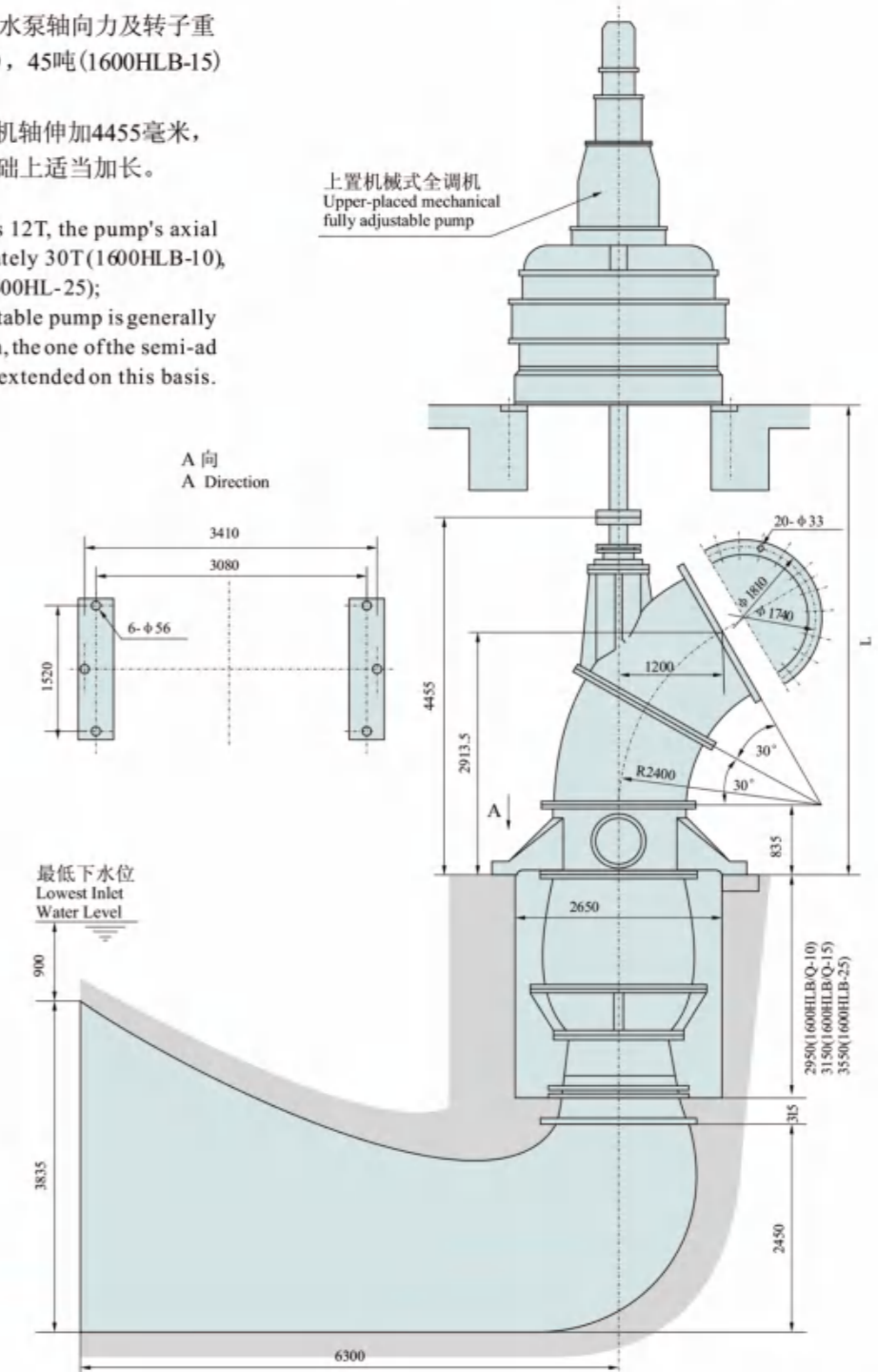
1600HLB/Q-10、1600HLB/Q-15、1600HL-25安装外形图  
Installation sketch of 1600HLB/Q-10, 1600HLB/Q-15 and 1600HL-25 Mixed-flow pump

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:

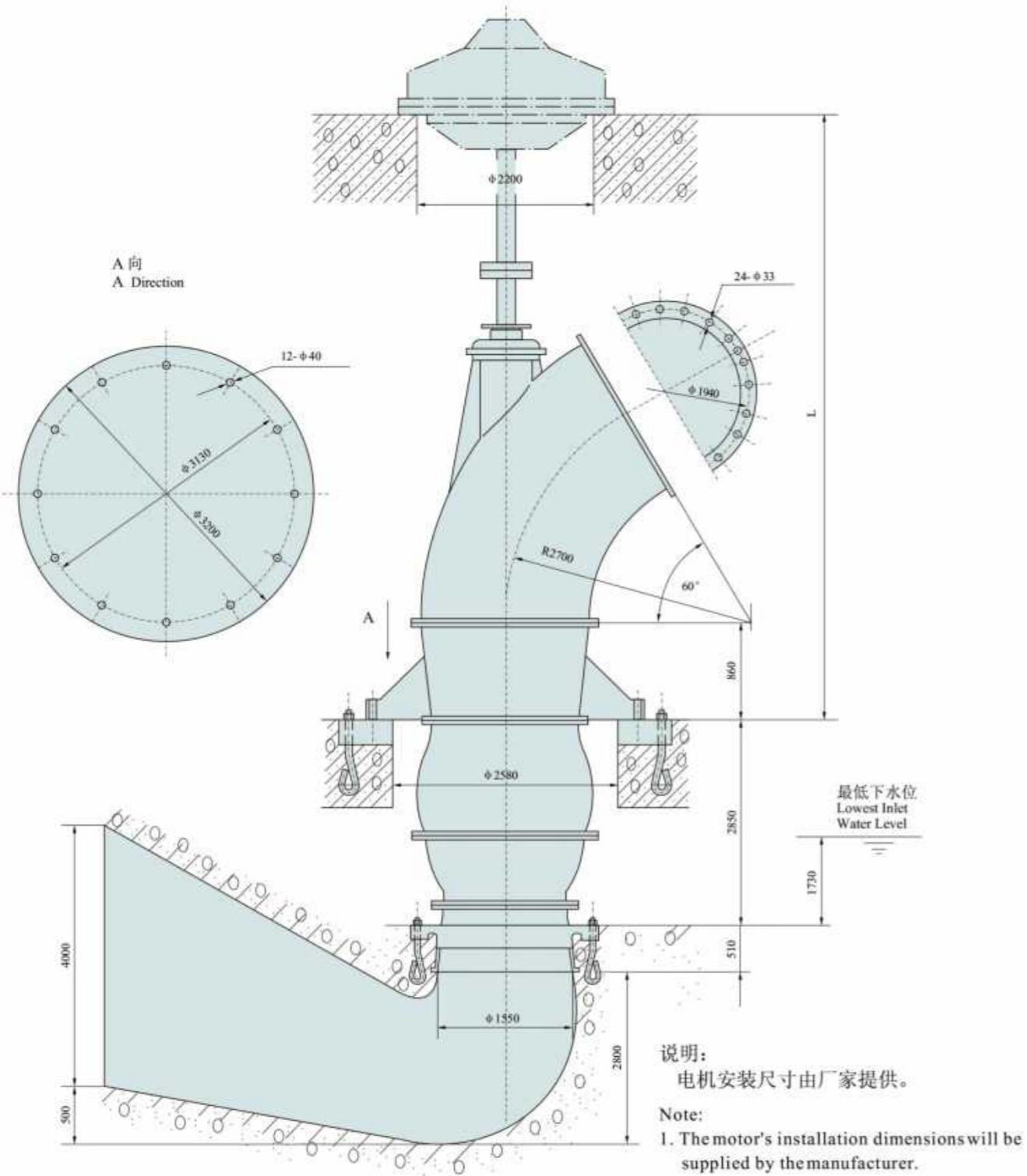
1. The water pump's beam bears 12T, the pump's axial force and rotor weigh separately 30T (1600HLB-10), 45T (1600HLB-15) and 72T (1600HL-25);
2. The length  $L$  of the fully adjustable pump is generally the motor's shaft plus 4455mm, the one of the semi-adjustable one can be properly extended on this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



## Z(H)LB 系列立式轴（混）流泵

### 安装外形尺寸图 INSTALLATION AND EXTERNAL DIMENSION FIGURES

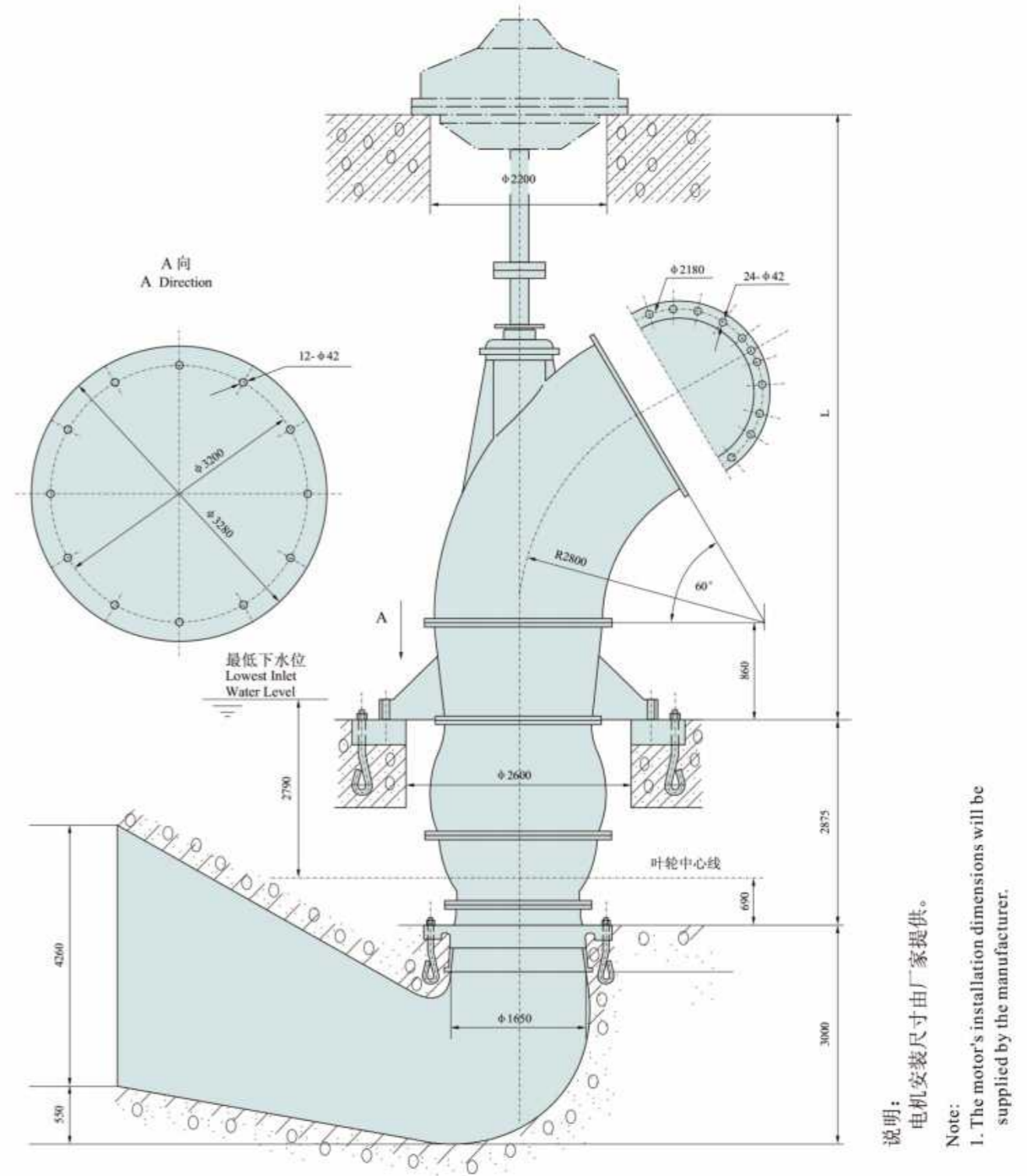
1800HLB-10.5安装外形图  
Installation sketch of 1800HLB-10.5 Mixed-flow pump



## Z(H)LB SERIES VERTICAL AXIAL-(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



## Z(H)LB 系列立式轴（混）流泵

### 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, 30° elbow and straight pipe, beat-door, easily-worn-out parts and accessories, electric panel, trash rack or trash scavenger etc.

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

### 各种附件附图 SERIES PUMP VARIOUS OF ATTACHMENTS DRAWING

根据客户需求，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。

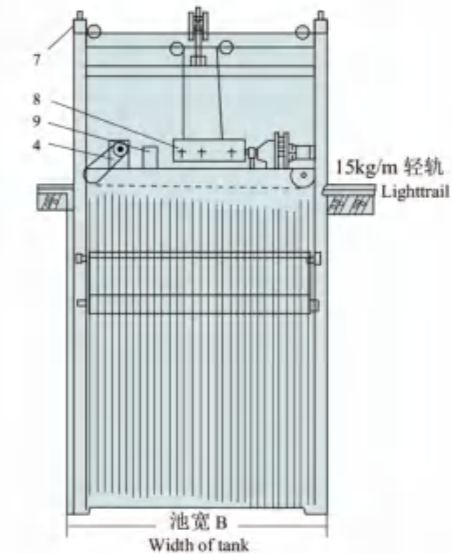
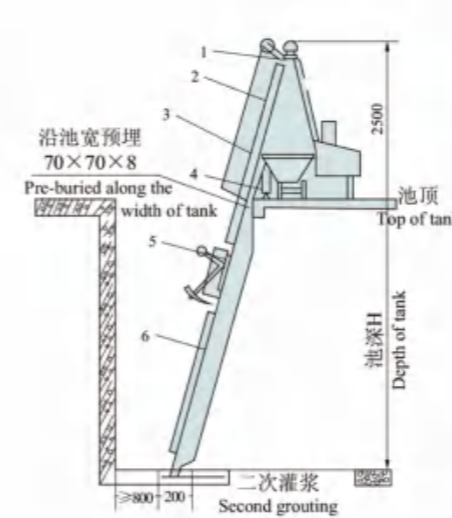
We can support attachment follow attachments on customer's request.

#### 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 SPECIFICATION AND TECHNICAL PARAMETER

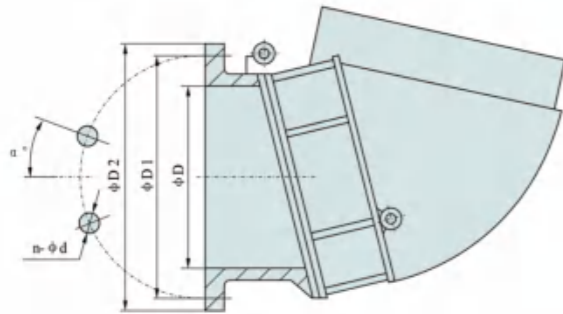
型号 Pattern	格栅宽度 Grille width	井深(m) Well depth	栅条间距(mm) Clearance between bars	安装角度 Installing angle	电机功率 Motor power
GS GSE -1000	1000	2-12	20-200	60°~75°，特殊情况时可用90°	升降电机1.1~1.5kW，控制电机0.75kW，行走电机0.8/0.4kW(双速)  Elevating motor 1.1~1.5kW, control motor 0.75kW, Walking motor 0.8/0.4kW(Double-speed)
GS GSE -1250	1250				
GS GSE -1500	1500				
GS GSE -1750	1750				
GS GSE -2000	2000				

## Z(H)LB 系列立式轴（混）流泵

### 各种附件附图 SERIES PUMP VARIOUS OF ATTACHMENTS DRAWING

#### 2、拍门

##### A. 浮箱式拍门外形及联接尺寸

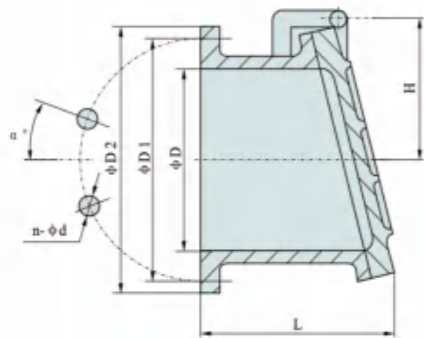


#### 2. Stadielizmg

##### A. Appearance and connection dimension table for flap valve.

井筒出水中径 Discharge caliber of well pipe	φD	φD <sub>1</sub>	φD <sub>2</sub>	n-φd	α°
400	400	495	540	8-23	22.5
500	500	655	710	6-27	30
600	600	705	755	10-27	18
700	700	810	860	12-27	15
800	800	920	980	12-27	15
900	900	1020	1075	12-27	15
1000	1000	1120	1175	12-27	15
1200	1220	1320	1380	12-27	15
1300	1300	1430	1500	10-27	18
1400	1400	1560	1630	12-36	15

##### B. 配重式拍门外形图联接尺寸表



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

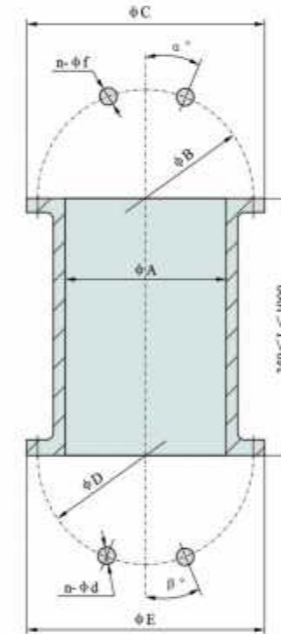
井筒出水中径 Discharge caliber of well pipe	φD	φD <sub>1</sub>	φD <sub>2</sub>	L	H	n-φd	α°
400	400	495	540	230	260	8-23	22.5
500	500	655	710	280	310	6-27	30
600	600	705	755	330	360	10-27	18
700	700	810	860	420	410	12-27	15
800	800	920	980	420	460	12-27	15
900	900	1020	1075	420	510	12-27	15
1000	1000	1120	1175	420	560	12-27	15
1200	1200	1320	1380	420	700	12-27	15
1400	1400	1560	1630	480	790	12-36	15

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

### 各种附件附图 SERIES PUMP VARIOUS OF ATTACHMENTS DRAWING

#### 3、预埋管

#### 3. Pre-buried pipe



预埋管联接尺寸表 Connection dimension table for pre-buried pipe

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

注：L为预埋管长、由用户确定（350≤L≤1000）

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

#### 4、液位开关

高性能Key液位开关，可实现按液位高低的变化自动控制泵的运行。

#### 4. Water Level Switch

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

