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GQB TUbular Type Submersible Pump
GSB type bidirectional cross-flow pump

GQB 型潜水贯流泵
GSB 型双向贯流泵

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Lamsun Fluid Technology Pte.Ltd.

GQB 型潜水贯流泵

GQB Tubular type submersible pump

概述 Outline

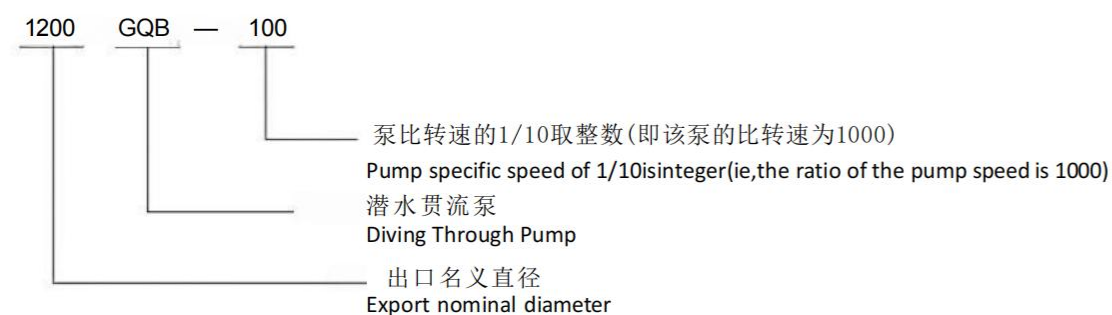
GQB 型潜水贯流泵是一种低扬程大流量卧式泵型，采用机泵同轴后灯泡式结构，与常规立式轴流泵和立式潜水轴流泵相比它具有一系列的优点：

1. 起吊高度小，泵房高度低，基础开挖深度低，有效减少土工及建筑工程投资；
2. 进出水流道顺直，流道总水力损失小；
3. 由于泵潜入水中，运行时噪音低、无高温，改善了工作条件且气蚀性能好；
4. 其灯泡比远小于传统贯流泵，因此装置效率大为提高；
5. 采用对称式安装结构，可实现整体调头安装及双向抽水；
6. 安装方便快捷，具有良好的可维修性；
7. 操作方便，可实现遥控和自动控制；
8. GQB 型潜水泵可用于城市雨水泵站、水利防洪泵站、农业灌溉泵站和排涝泵站等。该型泵尤其适用于低扬程、大流量场合，在扬程和比转速相同的情况下，装置效率高于常规立式轴流泵和立式潜水轴流泵，扬程愈低，比转速愈高，提高的幅度愈大。输送介质为水或物理化学性质类似于水的其它液体，最高被输送液体温度为40℃。

GQB type submersible pump is a low-lift tubular large flow horizontal pump, with a post-bulb pump coaxial structure, and the conventional vertical axial and vertical submersible pump has a number of advantages compared to its:

1. Lifting height of a small pumping station height is low, foundation excavation depth is low, effectively reduce the geotechnical and construction investment;
2. Straight out of conduit, the total hydraulic flow losses small;
3. As the pump into the water, run-time, low noise, no heat, improved working conditions and good cavitation performance;
4. The light bulb is far less than the conventional pump, thus greatly improving plant efficiency;
5. Symmetrical mounting structure can be installed to achieve the overall U-turn and two-way pumping;
6. Easy installation and quick and has good maintainability;
7. Easy to operate and can realize remote control and automation;

电泵型号举例说明 Pump Model example



结构及安装 Structure and installation

贯流泵(如图1)进口到出口呈筒状，泵与电机同轴连接，泵段部分为轴流泵的叶轮部件、叶轮外壳和导叶体组合。电机安装在导叶体后面的灯泡体内，导叶体出口法兰接导流筒，将电机四周出水汇集成管状流出。叶轮外壳前和导流管后分别接前锥管和后锥管，构成贯流泵壳体，两个锥管的法兰尺寸相同。其安装尺寸详见图2。

Tubular pump (Figure 1) was imported into the export barrel, pump and motor coaxial connection, part of the axial flow pump impeller section parts, impeller housing and the guide vane combination. The motor is installed in the bulb body behind the guide vane and guide vane exit flange connected draft tube, the water around the motor pool into a tube flow. Impeller shell, respectively before and after the pick before the draft tube cone after cone tube and tube to form tubular pump housing, the two tapered pipes have the same flange size. The installation dimensions see Figure 2.

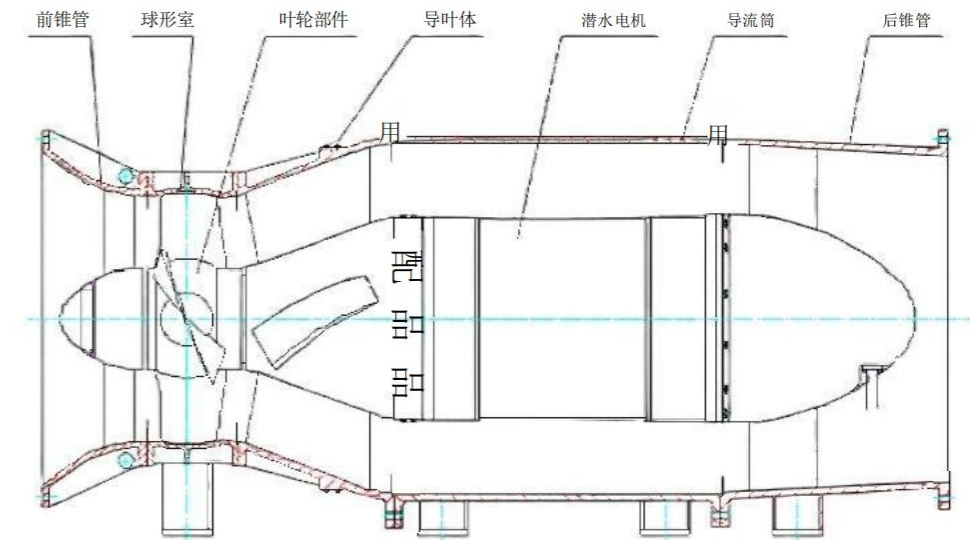


图1 GQB 型潜水贯流泵结构图
Figure 1 GQB tubular type submersible pump chart

泵站布置 Pump Station Layout

贯流泵站是按一个直的水平流道进行布置的。以贯流泵安装外形尺寸作为基本尺寸，泵前后分别通过伸缩节与进水流道和出水流道连接，两个伸缩节固定部分被埋入流道。进水流道进口流速应小于1m/s，取用矩形断面；出水流道出口流速为1.52m/s，为方形断面，出口处设浮箱拍门断流。进水流道进口处设置工作闸门，非运行季节关闭闸门以防止泵内泥沙淤积。当需要检修贯流泵时，关闭闸门排水后即可拆泵检修。

厂房内机组之间不设隔墩，贯流泵安装在厂房底部平台上，平台四周设排水明沟通往集水井，井内设排水泵，将渗漏

水和检修污水排出厂外；厂房内设一层或多层环形巡视走道，通过各层走道上下之间楼梯可以从地面到底部对贯流泵进行巡视。

厂房底部应有通风、排湿和散热等设施。

厂房内设有桥式起重机，用于起吊机组进行安装和检修(如附图1)。也可不设厂房，改用汽车起重机进行安装检修。

Tubular pump is based on a straight horizontal flow for layout.

To tubular pump installation dimensions as the basic size, before and after the pump through the expansion joints and inlet and outlet conduit connected to the fixed part of the two expansion joints buried inflow Road. Inlet of the flow rate should be less than 1m/s, access to rectangular; outlet conduit exit flow rate of 1.52m/s, the square cross section, the exit door, located pontoon stop. Office inlet of the work to set the gate to close the gates of non-operating season to prevent sediment deposition within the pump. When you need to repair tubular pump, close the gate can be removed after the drainage pump maintenance.

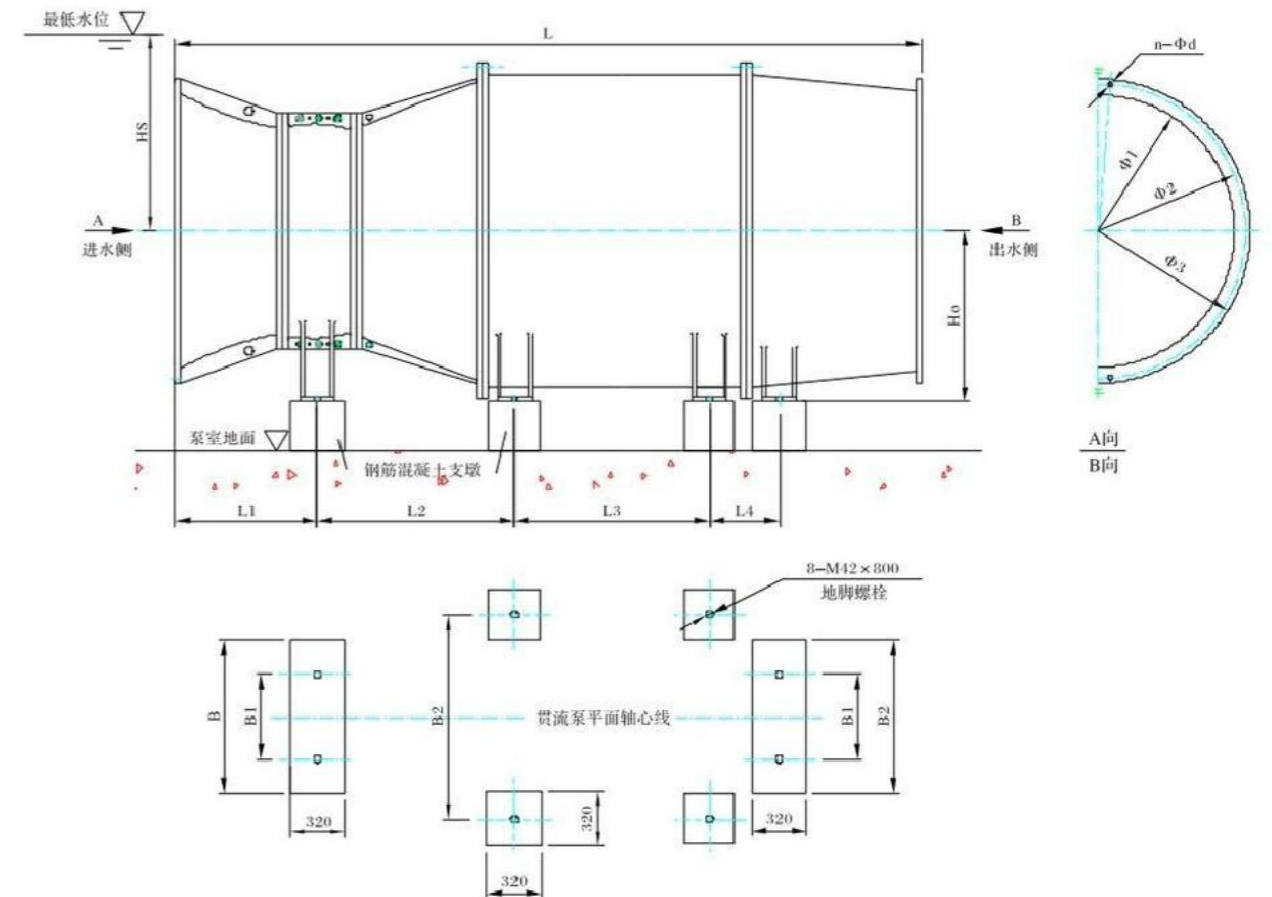
Between plants within the unit no pier, tubular pump installed in the factory at the bottom of the platform, the platform surrounded by water drainage leading to the set of well designed, well equipped with drainage pump, the leakage of water and maintenance of sewage discharges outside the plant; plant equipped with a layer of or multi-ring inspection aisle, between the stairs and down the aisles through the layers of the ground in the end from the Ministry of tubular pump inspections.

The bottom of the plant should have ventilation, dehumidification, heat dissipation and other facilities.

Plant is equipped with overhead cranes for lifting unit for installation and maintenance (such as Figure 1). Alternatively, mobile cranes can be used for installation and maintenance instead of setting up a plant.

注：泵站有关尺寸和设备可根据贯流泵站横剖面的相对尺寸和提示确定。

Note: The pump station and equipment, the size of tubular pump according to the relative cross section to determine the size and tips.



双向抽水结构和操作管理

Two-way pumping structure and operations management

贯流泵可实现双向抽水。

用单向叶轮(常规叶片)配贯流装置型式，通过泵体整体调头来实现双向排水。整体调头的贯流泵进出口尺寸相同。

贯流泵出水方向应对着排涝方向，在需要灌溉时，泵体整体调头，灌溉结束后恢复排涝方向。

Tubular pump for two-way pumping.

Impeller with a one-way (regular blades) with tubular device type, the overall U-turn through the pump to achieve two-way drainage. Overall U-turn in the import and export of the same size tubular pump. Respond to the direction of tubular pump water drainage direction in the need for irrigation, pump the whole U-turn, after the resumption of irrigation, drainage direction.

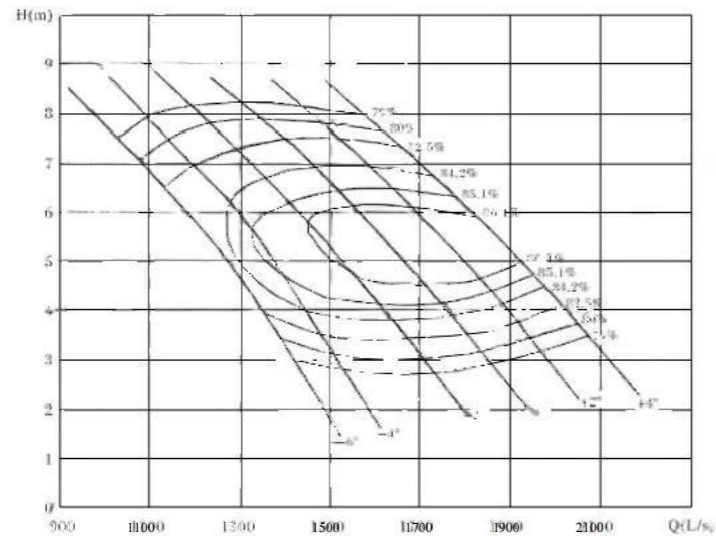
图中各尺寸如下表

Map the size of the following table

泵型 Pump	尺寸 Size	Hs	外形尺寸 Dimensions			连接法兰尺寸 Flange size				基础平面尺寸 Plane size based on						
			L	H	Ho	Φ1	Φ2	Φ3	n-Φd	L1	L2	L3	L4	B1	B2	B
700GQB型		1100	2600	1250	700	900	1075	1020	24-Φ30	380	720	600	400	400	800	600
800GQB型		1100	2600	1250	700	900	1075	1020	24-Φ30	380	720	600	400	400	800	600
900GQB型		1200	3290	1570	850	1200	1320	1375	32-Φ30	500	980	800	400	400	800	800
1000GQB型		1400	3290	1570	850	1200	1320	1375	32-Φ30	500	980	800	400	400	800	800
1200GQB型		1600	4000	1900	1000	1400	1520	1575	36-Φ30	540	1060	1000	600	500	1000	800
1400GQB型		1700	4400	2100	1100	1600	1730	1800	40-Φ30	840	1160	1000	600	600	1200	900
1600GQB型		1800	5400	2200	1200	1800	1930	1990	44-Φ30	1050	1400	1600	600	1100	1450	1500

贯流潜水泵技术参数 Tubular Submersible Pump Specifications

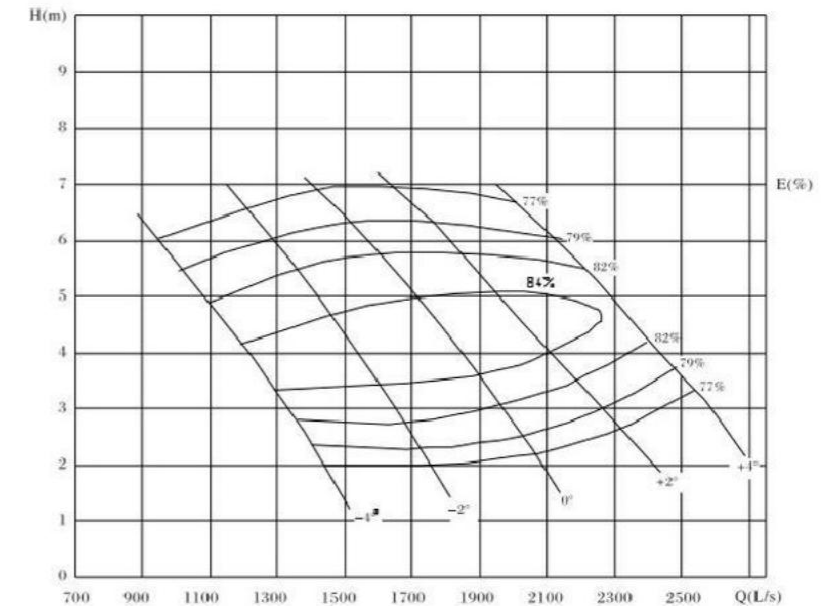
700GQB-100 型贯流泵性能曲线图 700GQB-100 Type tubular pump performance curve



700GQB-100 型贯流泵性能表 700GQB-100 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power (kW)		叶轮直径D(mm) Impeller diameter D(mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-6°	3888	1080	7.00	730	79.0	93.9	110	650
	4572	1270	5.00		81.0	76.9		
	5040	1400	3.30		79.0	57.4		
-4°	4176	1160	7.20		79.0	103.7		
	4860	1350	5.30		82.5	85.1		
	5472	1520	3.00		79.0	56.6		
-2°	4572	1270	7.50		79.0	118.3	132	
	5329	1480	5.50		83.0	96.2		
	5976	1660	3.35		79.0	69.1		
0°	4968	1380	7.60		79.0	130.2		
	5850	1625	5.50		83.4	105.1		
	6516	1810	3.45		79.0	77.5		
+2°	5400	1500	7.65		79.0	142.5	160	
	6300	1750	5.50		83.4	113.2		
	6948	1930	3.55		79.0	85.1		
+4°	5760	1600	7.60		79.0	151.0		
	6660	1850	5.70		83.4	124.0		
	7380	2050	3.70		79.0	94.2		

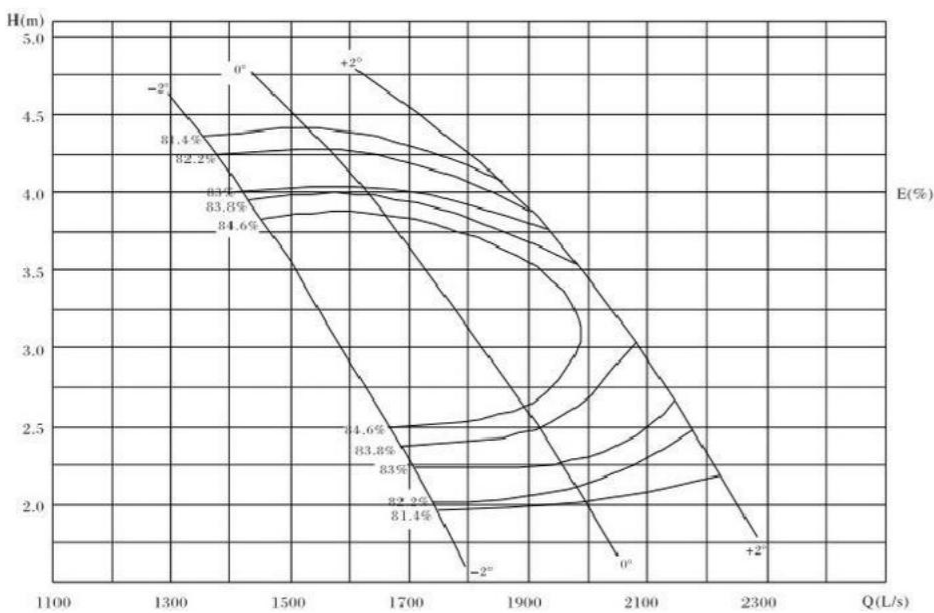
700GQB-125 型贯流泵性能曲线图 700GQB-125 Type tubular pump performance curve



700GQB-125 型贯流泵性能表 700GQB-125 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power (kW)		叶轮直径D(mm) Impeller diameter D(mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-4°	3398	944	6.10	730	77.0	73.4	90	650
	4572	1270	3.61		84.0	53.5		
	5141	1428	2.12		78.0	38.1		
-2°	4799	1333	5.80		79.0	96.0	110	
	5533	1537	4.05		82.5	74.0		
	6048	1680	2.57		79.0	53.6		
0°	5825	1618	5.67		81.0	111.1	132	
	6635	1843	4.05		82.5	88.8		
	7222	2006	2.70		79.0	67.3		
+2°	6487	1802	6.08		79.0	136.0	160	
	7441	2067	4.32		82.5	106.2		
	7956	2210	3.24		79.0	88.9		
+4°	8352	2320	4.81		83.0	131.9		
	8402	2334	4.17		82.0	116.4		
	8910	2475	3.73		79.0	114.6		

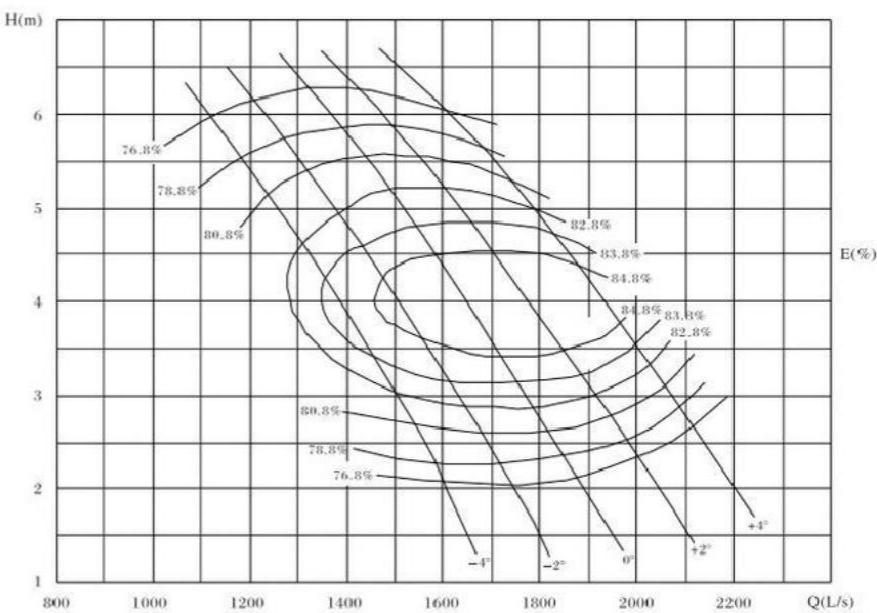
700GQB-160 型贯流泵性能曲线图
700GQB-160 Type tubular pump performance curve



700GQB-160 型贯流泵性能表
700GQB-160 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power(kW)		叶轮直径D(mm) Impeller diameter D(mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-2°	4922	1367	4.30	730	81.4	70.9	90	650
	5715	1588	2.96		85.0	54.2		
	6295	1749	1.98		81.4	41.7		
0°	5766	1602	4.13		81.4	79.7		
	6637	1844	2.97		85.6	62.8		
	7086	1968	2.07		81.4	49.1		
+2°	6710	1864	3.95		81.4	88.7	110	
	7171	1992	3.50		83.8	81.6		
	7798	2166	2.46		82.2	63.6		

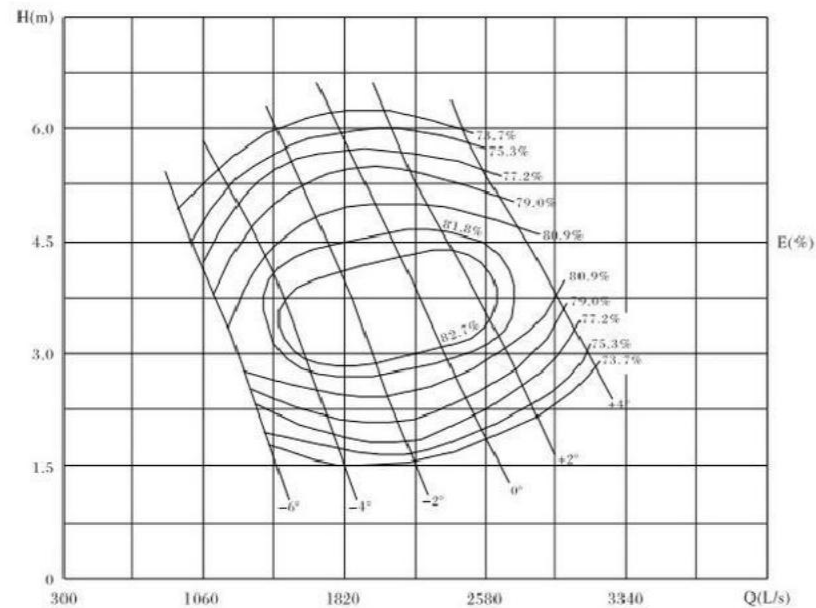
800GQB-100 型贯流泵性能曲线图
800GQB-100 Type tubular pump performance curve



800GQB-100 型贯流泵性能表
800GQB-100 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power(kW)		叶轮直径D(mm) Impeller diameter D(mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-4°	5710	1586.1	2.30	585	78.8	45.42	90	700
	5170	1436.1	3.63		83.9	60.95		
	4260	1183.3	5.58		78.8	82.20		
-2°	6220	1727.8	2.24		78.8	48.18	110	
	5350	1486.1	4.25		84.8	73.07		
	4590	1275.0	5.78		78.8	91.74		
0°	6700	1861.1	2.35		78.8	54.45		
	6090	1691.7	3.74		85.1	72.93		
	4970	1380.6	5.91		78.8	101.57		
+2°	7120	1977.8	2.57		78.8	63.28	132	
	6460	1794.4	3.95		85.1	81.71		
	5390	1497.2	5.94		78.8	110.72		
+4°	7510	2086.1	2.83		78.8	73.50		
	6920	1922.2	3.94		85.0	87.41		
	6000	1666.7	5.63		78.8	116.82		

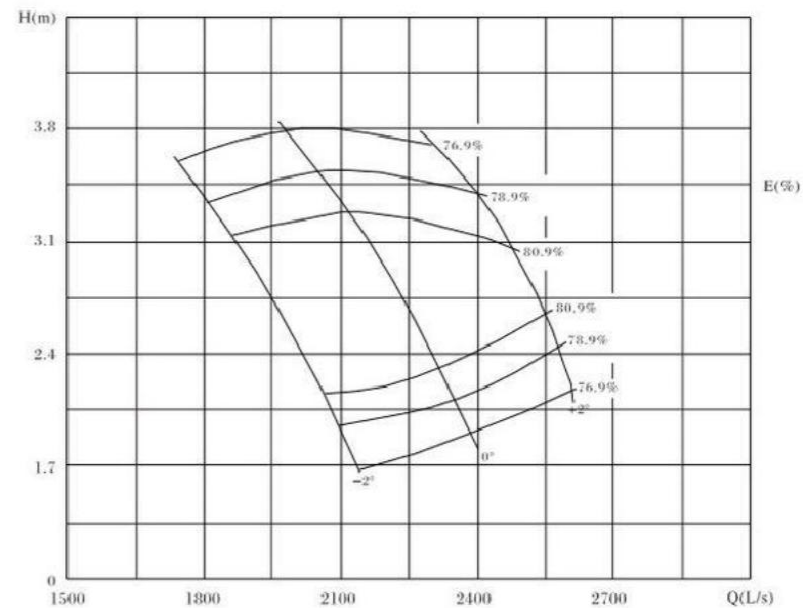
800GQB-125 型贯流泵性能曲线图
800GQB-125 Type tubular pump performance curve



800GQB-125 型贯流泵性能表
800GQB-125 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶 轮 直 径D (mm) Impeller diameter D (mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-6°	3449	958	4.68	590	74.04	63.56	75	750
	4421	1228	3.10		81.99	48.69		
	5119	1422	1.70		73.24	34.56		
-4°	4655	1293	4.83		78.24	83.78	90	
	5634	1565	3.28		82.70	65.16		
	6332	1759	1.91		76.75	45.90		
-2°	5882	1634	5.02		80.09	107.60	132	
	6811	1892	3.50		82.70	84.10		
	7556	2099	2.17		79.91	59.71		
0°	6948	1930	5.23		79.47	133.30	160	
	7985	2218	3.77		82.70	106.00		
	8827	2452	2.48		80.02	79.82		
+2°	7834	2176	5.43		78.73	157.60	185	
	8968	2491	4.02		82.70	127.00		
	9889	2747	2.78		79.23	101.30		
+4°	9025	2507	5.73		75.20	200.60	200	
	10217	2838	4.38		81.82	159.50		
	11131	3092	3.18		77.11	133.80		

800GQB-160 型贯流泵性能曲线图
800GQB-160 Type tubular pump performance curve

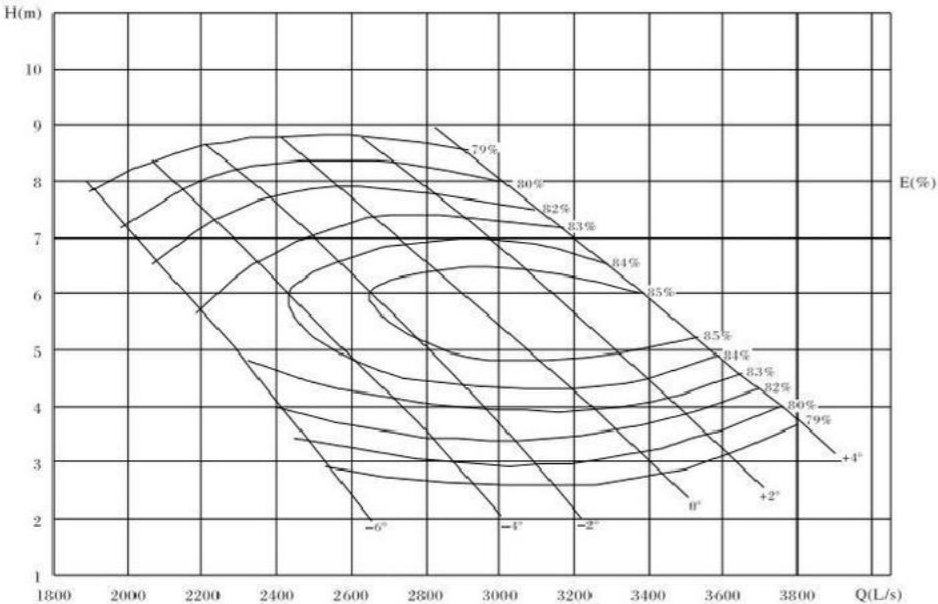


800GQB-160 型贯流泵性能表
800GQB-160 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power(kW)		叶轮直径D(mm) Impeller diameter D(mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-2°	6656	1849	3.19	590	79.99	77.36	90	750
	7186	1996	2.48		80.90	64.31		
	7661	2128	1.78		78.03	50.93		
0°	7567	2102	3.36		79.92	92.77	110	
	8093	2248	2.67		80.90	77.79		
	8528	2369	1.96		77.97	62.60		
+2°	8485	2357	3.55		77.83	113.00	132	
	9036	2510	2.88		80.90	93.84		
	9428	2619	2.18		77.91	76.93		



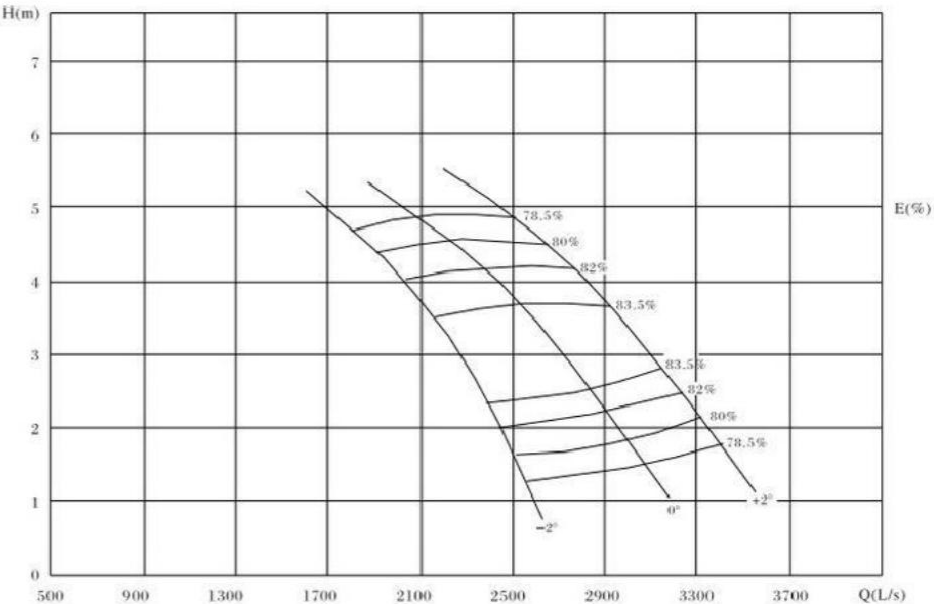
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900QGB-100 Type tubular pump performance curve



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叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power(kW)		叶轮直径D(mm) Impeller diameter D(mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-6°	7416	2060	6.75	590	81.5	167.4	220	850
	8316	2310	5.50		84.0	148.4		
	8856	2460	4.00		82.0	117.7		
-4°	8208	2280	7.00		83.0	188.6		
	9306	2585	5.50		84.5	165.1		
	9792	2720	4.00		81.5	131.0		
-2°	8686	2413	7.50		82.5	215.2	250	
	9756	2710	5.75		85.0	179.8		
	10650	2958	4.00		82.0	141.6		
0°	9720	2700	7.25		83.5	230.0		
	10728	2980	5.50		85.0	189.2		
	11448	3180	4.50		83.5	168.1		
+2°	10818	3005	6.80		84.5	237.2		
	11412	3170	5.75		85.0	210.4		
	12168	3380	4.50		83.5	178.7		
+4°	12168	3380	5.90		85.0	230.2		
	12870	3575	4.80		83.5	201.6		
	13835	3843	3.50		82.0	160.9		

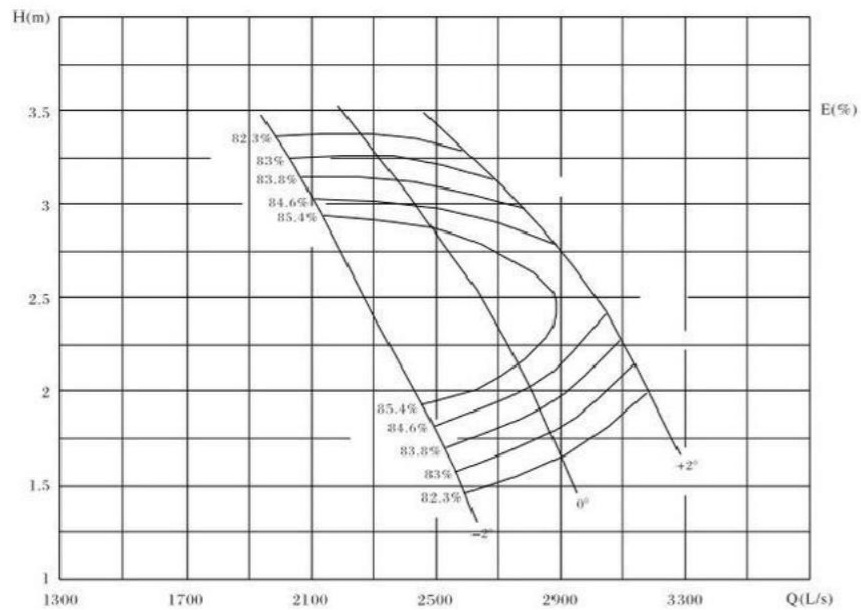
900QGB-125 型贯流泵性能曲线图
900QGB-125 Type tubular pump performance curve



900QGB-125 型贯流泵性能表
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	m³ /h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-2°	7056	1960	4.30	490	80.0	103.3	115	850
	8136	2260	3.00		83.5	79.7		
	8892	2470	1.90		80.0	57.5		
0°	8568	2380	4.20		82.0	119.6	132	
	9756	2710	3.00		83.5	95.5		
	10620	2950	2.00		80.0	72.3		
+2°	9540	2650	4.50		80.0	146.2	160	
	10944	3040	3.20		83.5	114.3		
	11700	3250	2.40		80.0	95.6		

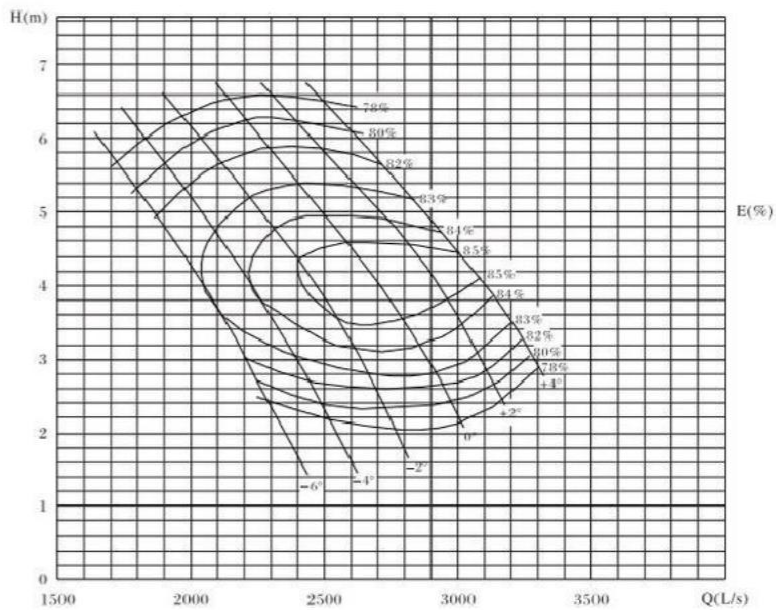
900GQB-160 型贯流泵性能曲线图
 900GQB-160 Type tubular pump performance curve



900GQB-160 型贯流泵性能表
 900GQB-160 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-2°	7315	2032	3.25	490	82.3	78.7	90	850
	8492	2359	2.24		85.7	60.5		
	9234	2565	1.57		83.0	47.6		
0°	8568	2380	3.12		82.3	88.5	110	
	9850	2736	2.25		86.5	69.8		
	10476	2910	1.63		83.0	56.1		
+2°	9968	2769	3.00		82.3	99.0	132	
	10656	2960	2.64		84.5	90.7		
	11462	3184	2.01		83.0	75.6		

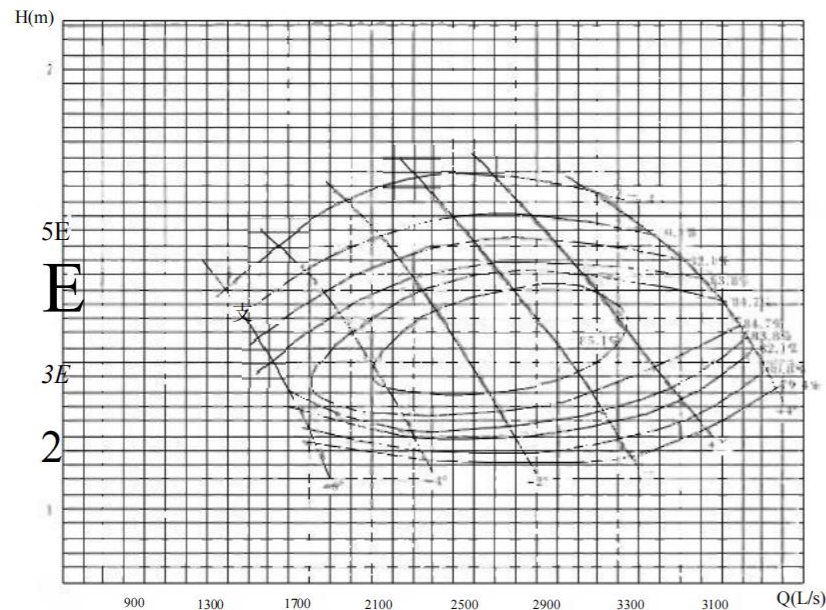
1000GQB-100 型贯流泵性能曲线图
 1000GQB-100 Type tubular pump performance curve



1000GQB-100 型贯流泵性能表
 1000GQB-100 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-6°	6621	1839	5.11	490	81.5	113.1	132	870
	7192	1998	4.25		83.0	100.4		
	8010	2225	2.82		80.5	76.5		
-4°	7127	1980	5.34		82.5	125.7	160	
	7919	2200	4.15		84.3	106.2		
	8737	2427	2.82		81.0	82.9		
-2°	7854	2182	5.39		83.0	139.0	185	
	8698	2416	4.29		85.0	119.6		
	9593	2665	2.82		81.2	90.8		
0°	8451	2348	5.64		82.8	156.9	200	
	9451	2625	4.42		85.3	133.4		
	10424	2896	2.94		82.5	101.2		
+2°	9035	2510	5.76		82.5	171.9	220	
	10074	2798	4.66		85.8	149.1		
	11112	3087	2.68		79.5	102.1		
+4°	9671	2686	5.76		81.5	186.3		
	10749	2986	4.53		85.8	154.6		
	11787	3274	3.19		81.5	125.7		

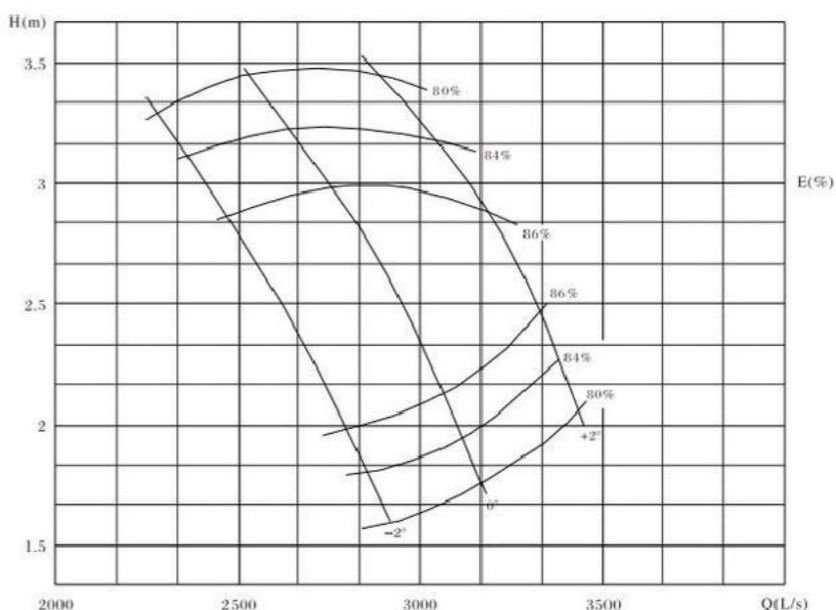
1000GQB-125 型贯流泵性能曲线图
1000GQB-125 Type tubular pump performance curve



1000GQB-125 型贯流泵性能表
1000GQB-125 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-6°	5230	1453	3.26	490	81.1	57.3	65	870
	5734	1593	2.64		82.8	49.8		
	6082	1689	2.11		79.5	44.0		
-4°	5756	1599	4.43		79.8	87.1	110	
	7166	1991	2.95		84.1	68.5		
	7825	2174	2.01		81.1	52.8		
-2°	7592	2109	4.53		81.1	115.6	132	
	8754	2432	3.17		84.1	89.9		
	9568	2658	2.01		81.1	64.6		
0°	9219	2561	4.43		82.8	134.4	160	
	10498	2916	3.17		84.1	107.8		
	11427	3174	2.11		80.5	81.6		
+2°	10266	2852	4.75		81.1	163.8	200	
	11786	3274	3.17		84.1	121.1		
	12589	3497	2.54		81.1	107.4		
+4°	12280	3411	4.53		81.1	186.9	220	
	13403	3723	3.8		83.7	165.8		
	13868	3852	3.18		81.1	148.2		

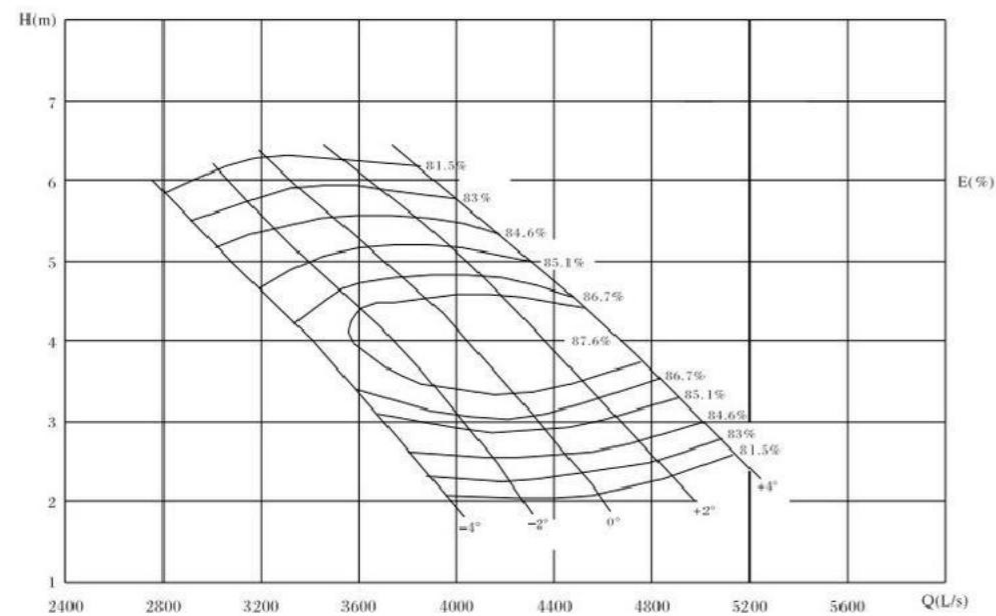
1000GQB-160 型贯流泵性能曲线图
1000GQB-160 Type tubular pump performance curve



1000GQB-160 型贯流泵性能表
1000GQB-160 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³ /h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-2°	10132	2814	1.60	490	83.2	53.0	110	870
	9198	2555	2.50		86.4	72.2		
	7922	2201	3.47		83.2	90.4		
0°	11407	3169	1.67		83.2	62.5		
	10682	2967	2.40		86.4	80.8		
	950	264	3.22		83.9	99.6		
+2°	12550	3486	1.99		83.9	81.1	132	
	11927	3313	2.60		85.4	98.8		
	10801	3000	3.19		83.2	112.7		

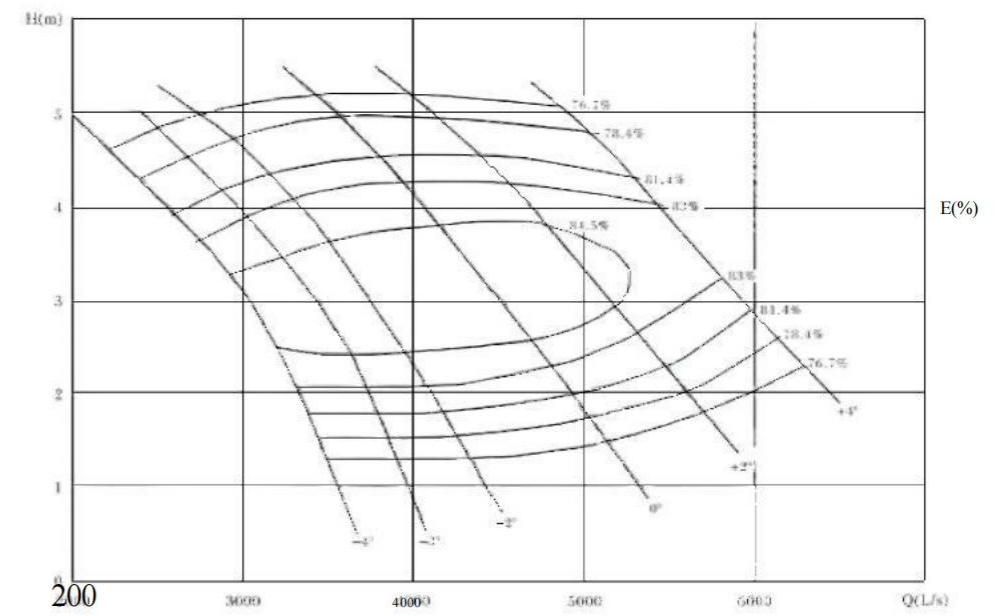
1200GQB-100 型贯流泵性能曲线图
1200GQB-100 Type tubular pump performance curve



1200GQB-100 型贯流泵性能表
1200GQB-100 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-4°	10584	2940	5.40	370	83.0	187.6	220	1100
	12312	3420	4.00		86.9	154.4		
	13752	3820	2.60		84.7	115.0		
-2°	11340	3150	5.70		83.0	212.2	250	
	14220	3950	4.00		87.6	177.0		
	14940	4150	2.58		84.6	124.2		
0°	11808	3280	6.10		81.5	240.8	280	
	14400	4000	4.15		87.6	185.9		
	16056	4460	2.58		84.6	133.5		
+2°	13176	3660	5.90		82.2	257.7	300	
	15840	4400	3.87		87.6	190.7		
	17100	4750	2.75		84.6	151.5		
+4°	14688	4080	5.60		83.0	269.9		
	16848	4680	4.00		87.6	209.6		
	18000	5000	3.00		84.6	174.0		

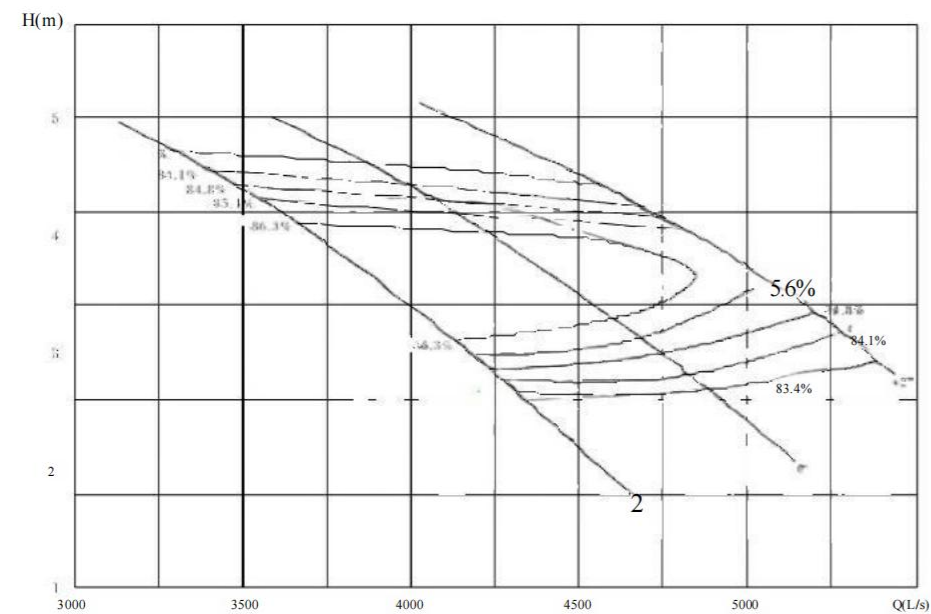
1200GQB-125 型贯流泵性能曲线图
1200GQB-125 Type tubular pump performance curve



1200GQB-125 型贯流泵性能表
1200GQB-125 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-4°	8820	2450	4.20	370	79.9	126.3	132	1100
	11160	3100	2.80		84.6	100.7		
	12240	3400	1.66		79.9	69.3		
-2°	12240	3400	4.62		79.9	192.9	220	
	13788	3830	2.80		84.6	124.4		
	15300	4250	1.60		79.9	83.5		
0°	13176	3660	4.80		79.9	215.7		
	16200	4500	3.00		84.6	156.6		
	18000	5000	1.85		79.9	113.6		
+2°	15228	4230	4.80		79.9	249.3	250	
	18000	5000	3.30		84.6	191.4		
	19800	5500	2.20		79.9	148.6		
+4°	18360	5100	4.66		79.9	291.8	300	
	21096	5860	3.16		83.1	218.7		
	22320	6200	2.48		78.4	192.4		

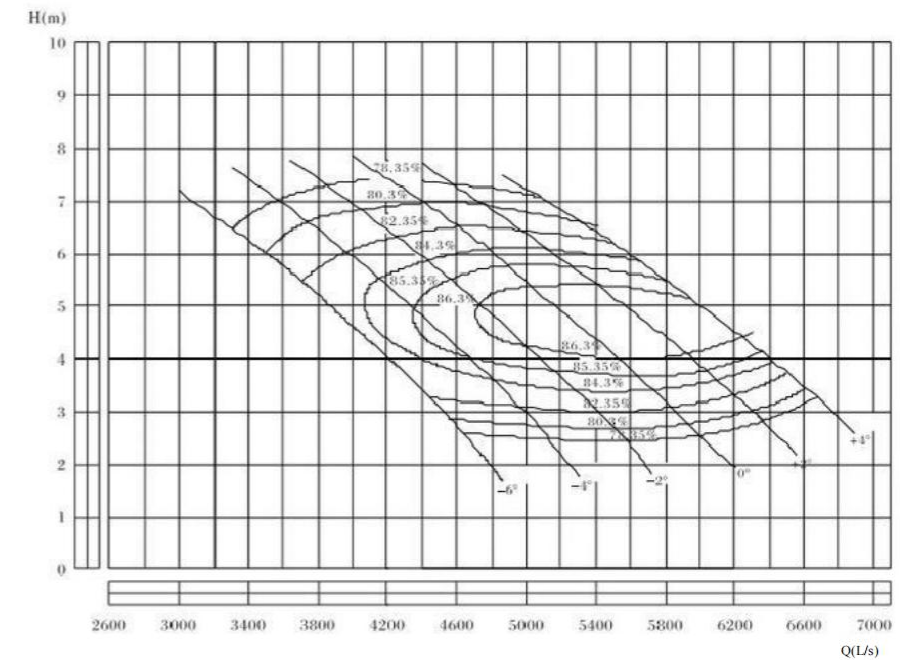
1200GQB-160 型贯流泵性能曲线图
1200GQB-160 Type tubular pump performance curve



1200GQB-160 型贯流泵性能表
1200GQB-160 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³ /h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-2°	12031	3342	4. 59	490	83. 4	180. 4	185	1000
	13968	3880	3. 29		86. 6	144. 6		
	15386	4274	2. 11		83. 4	106. 1		
0°	14440	4011	4. 26		84. 1	199. 3	200	
	16222	4506	3. 17		86. 6	161. 8		
	17323	4812	2. 21		83. 4	125. 1		
+2°	16402	4556	4. 21		83. 4	225. 6	250	
	18112	5031	3. 43		85. 6	197. 8		
	19058	5294	2. 63		84. 1	162. 4		

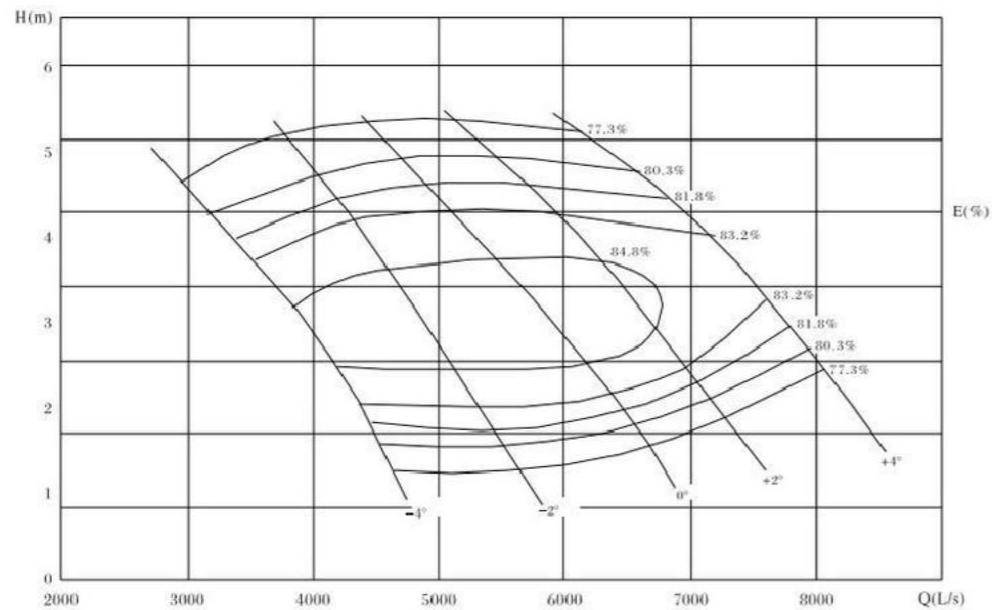
1400GQB-100 型贯流泵性能曲线图
1400GQB-100 Type tubular pump performance curve



1400GQB-100 型贯流泵性能表
1400GQB-100 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power (kW)		叶轮直径D(mm) Impeller diameter D(mm)	
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power		
-6°	12630	3510	6.04	370	80.3	259.0	280	1200	
	14688	4080	4.20		84.3	199.4			
	16560	4600	2.60		78.3	149.8			
-4°	14976	4160	5.51		84.3	266.7			
	16776	4660	4.04		85.3	216.5			
	18180	5050	2.71		80.3	167.2			
-2°	15300	4250	6.34		82.3	321.2	355		
	17064	4740	5.00		86.3	269.4			
	19800	5500	2.64		80.3	177.4			
0°	17714	4921	5.71		82.3	334.9			355
	19440	5400	4.40		86.3	270.1			
	21600	6000	2.50		78.3	187.9			
+2°	17784	4940	6.56		82.3	386.3	400		
	21384	5940	4.07		86.3	274.8			
	22968	6380	2.77		78.3	221.4			
+4°	20340	5650	5.85		84.3	384.6			400
	22428	6230	4.41		86.3	312.3			
	24192	6720	3.13		78.3	263.5			

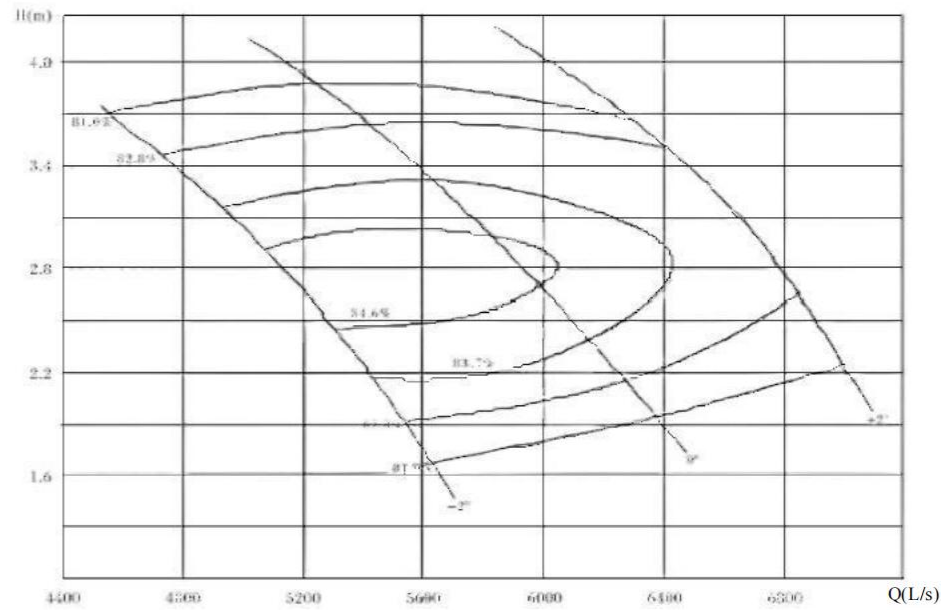
1400GQB-125 型贯流泵性能曲线图
1400GQB-125 Type tubular pump performance curve



1400GQB-125 型贯流泵性能表
1400GQB-125 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶 轮 直 径D (mm) Impeller diameter D (mm)
	m³ /h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-4°	11448	3180	5.00	370	80.3	194.3	200	1200
	14400	4000	3.40		84.5	157.9		
	16200	4500	1.90		80.3	104.5		
-2°	14400	4000	5.60		80.3	273.7	280	
	18000	5000	3.20		84.8	185.1		
	19800	5500	1.90		80.3	127.7		
0°	17100	4750	5.70		80.3	330.8	335	
	20520	5700	3.90		84.8	257.2		
	23400	6500	2.20		80.3	174.7		
+2°	19800	5500	5.70		80.3	383.0	400	
	23400	6500	3.90		84.8	293.3		
	25776	7160	2.50		80.3	218.7		
+4°	24732	6870	5.15		81.8	424.3	450	
	27000	7500	4.05		83.7	356.0		
	28440	7900	3.20		80.3	308.8		

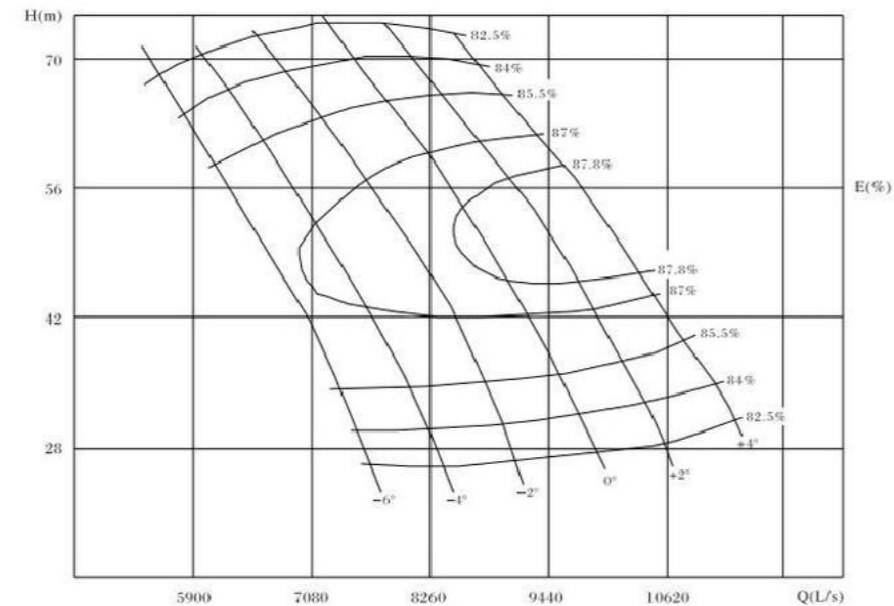
1400GQB-160 型贯流泵性能曲线图
1400GQB-160 Type tubular pump performance curve



1400GQB-160 型贯流泵性能表
1400GQB-160 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³ /h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-2°	16416	4560	3.70	370	81.0	204	250	1200
	18540	5150	2.80		84.6	167		
	20160	5600	1.70		81.0	115		
0°	18828	5230	3.80		81.0	240	280	
	21240	5900	2.80		84.6	192		
	22788	6330	1.90		81.0	146		
+2°	22500	6250	3.60		81.0	273	315	
	24480	6800	2.80		82.8	226		
	25200	7000	2.20		81.0	187		

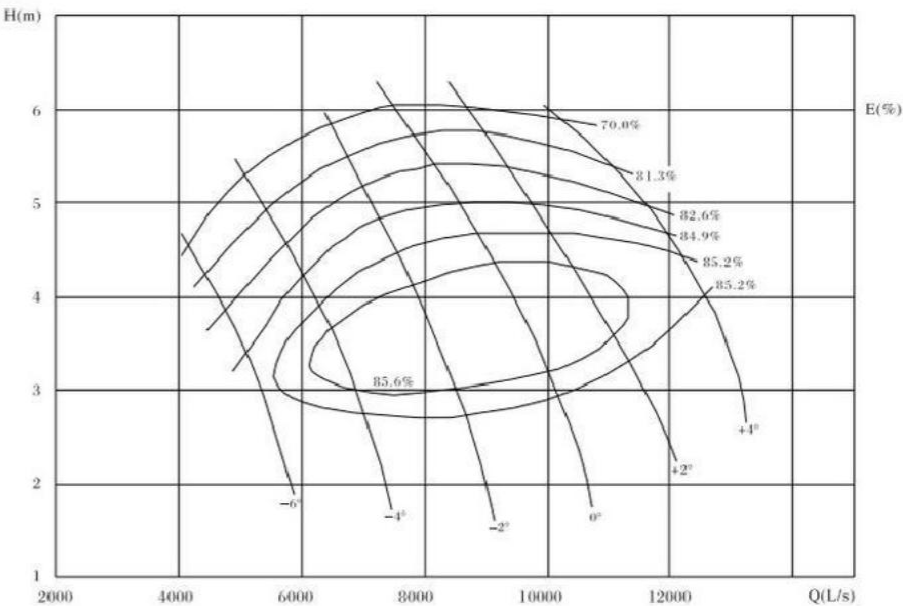
1600QBX-100 型贯流泵性能曲线图
1600QBX-100 Type tubular pump performance curve



1600QBX-100 型贯流泵性能表
1600QBX-100 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-6°	22104	6140	5.6	295	85.5	408.4	425	1540
	24012	6670	4.8		86	365		
	26748	7430	3.2		84.8	274.9		
-4°	23796	6610	6		85.5	454.8	475	
	26424	7340	4.7		87	388.8		
	29160	8100	3.2		84.5	300.7		
-2°	26244	7290	6.1		85.6	509.5	530	
	29052	8070	4.9		87	445.6		
	32040	8900	3.2		84.2	331.6		
0°	28224	7840	6.4		85.6	575.4	600	
	31572	8770	5		87.8	489.6		
	34848	9680	3.35		84.2	377.6		
+2°	30168	8380	6.5		85.5	624.6	670	
	33624	9340	5.2		87.8	542.3		
	37152	10320	3.5		84.5	419.3		
+4°	31762	8822	6.5		85.5	657.4	710	
	35892	9970	5.2		87.8	578.9		
	39348	10930	3.5		84.5	443.8		

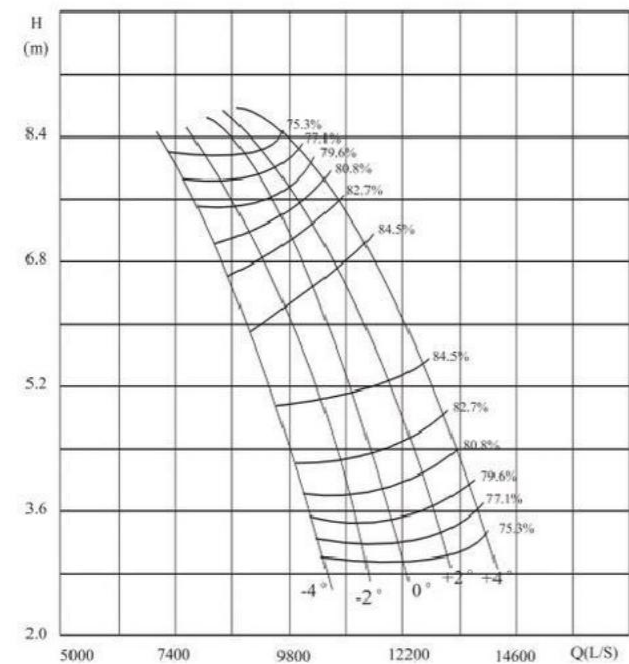
1600QBX-125 型贯流泵性能曲线图
1600QBX-125 Type tubular pump performance curve



1600QBX-125 型贯流泵性能表
1600QBX-125 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³ /h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-6°	17464	4851	3.7	295	82.6	213.2	250	1540
	19145	5318	3		84.3	185.7		
	20308	5641	2.4		81	164		
-4°	19220	5339	5.03		81.3	323.8	355	
	23929	6647	3.35		85.6	255		
	26129	7258	2.28		82.6	196.4		
-2°	25351	7042	5.15		82.6	430.45	450	
	29232	8120	3.6		85.6	343.3		
	31950	8875	2.28		82.6	240.2		
0°	30784	8551	5.03		84.3	500.2	530	
	35053	9737	3.6		85.6	401.5		
	38156	10599	2.4		82	304.1		
+2°	34279	9522	5.4		82.6	610.3	630	
	39355	10932	3.6		85.6	450.4		
	42037	11677	2.88		82.6	399.2		
+4°	41004	11390	5.15		82.6	696.2	750	
	44755	12432	4.31		85.2	616.6		
	46307	12863	3.6		82.6	549.6		

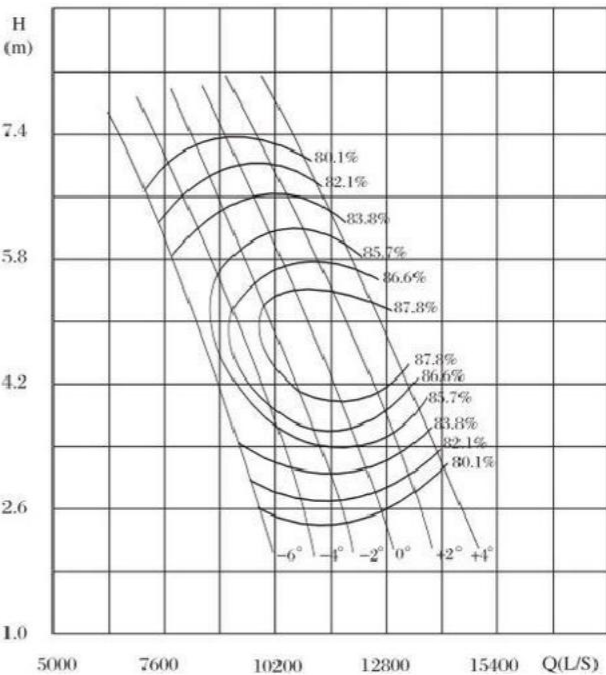
1800GQBX-85 型贯流泵性能曲线图
1800GQBX-85 Type tubular pump performance curve



1800GQBX-85 型贯流泵性能表
1800GQBX-85 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-4°	29658	8238	6.99	256.8	81.93	695.8	800	1740
	33514	9309	5.26		85.34	568.2		
	36667	10185	3.51		79.23	446.6		
-2°	32236	8954	7.16		82.09	774.2	900	
	36279	10078	5.48		85.34	640.5		
	39536	10982	3.75		81.60	500.2		
0°	34489	9580	7.33		81.39	855.0	1000	
	38665	10740	5.68		85.34	707.6		
	41927	11646	3.97		81.85	559.6		
+2°	36268	10074	7.47		82.22	906.3	1100	
	41005	11390	5.88		85.34	778.0		
	44746	12429	4.24		82.13	636.2		
+4°	58604	10723	7.67		83.06	981.0	1100	
	43619	12116	6.13		85.34	862.5		
	44746	13184	4.52		82.14	719.8		

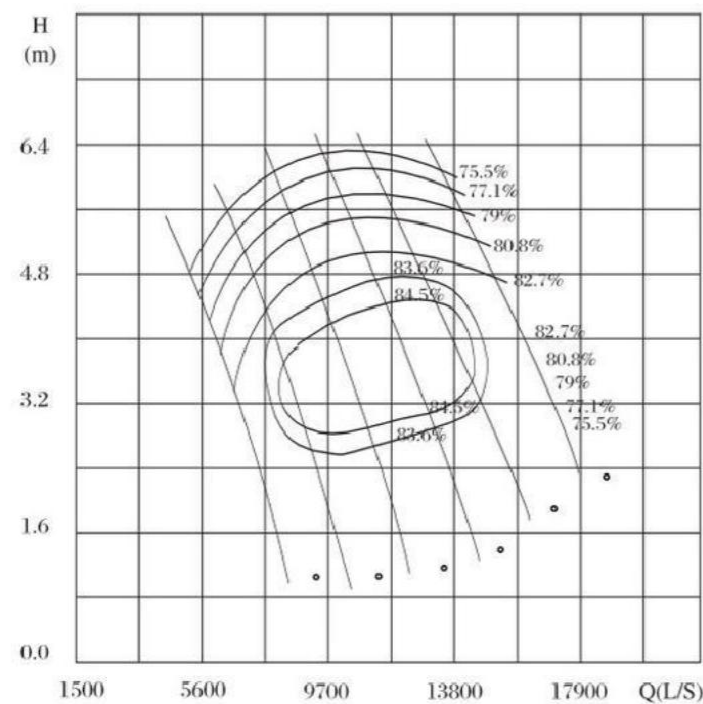
1800GQBX-100 型贯流泵性能曲线图
1800GQBX-100 Type tubular pump performance curve



1800GQBX-100 型贯流泵性能表
1800GQBX-100 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power (kW)		叶轮直径D(mm) Impeller diameter D(mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-6°	28693	7970	5.55	256.8	85.52	512.1	560	1740
	32423	9006	3.95		86.20	409.2		
	35238	9788	2.68		80.21	317.1		
-4°	31853	8848	5.71		86.23	576.7	630	
	35504	9862	4.14		88.05	459.7		
	38256	1054	2083		83.75	357.2		
-2°	34133	9481	5.86		86.65	634.8	710	
	38104	10584	4.32		88.68	505.8		
	41146	11429	3.04		84.47	406.9		
0°	36729	10203	6.02		86.85	701.0	800	
	40775	11326	4.51		88.68	570.4		
	43803	12168	3.24		85.35	457.6		
+2°	39184	10884	6.19		86.55	771.5	800	
	43571	12103	4.74		88.68	635.9		
	46671	12964	3.47		85.48	521.9		
+4°	41592	11553	6.37		84.36	864.2	900	
	46063	12795	4.92		88.68	703.9		
	49451	13736	3.72		85.62	590.9		

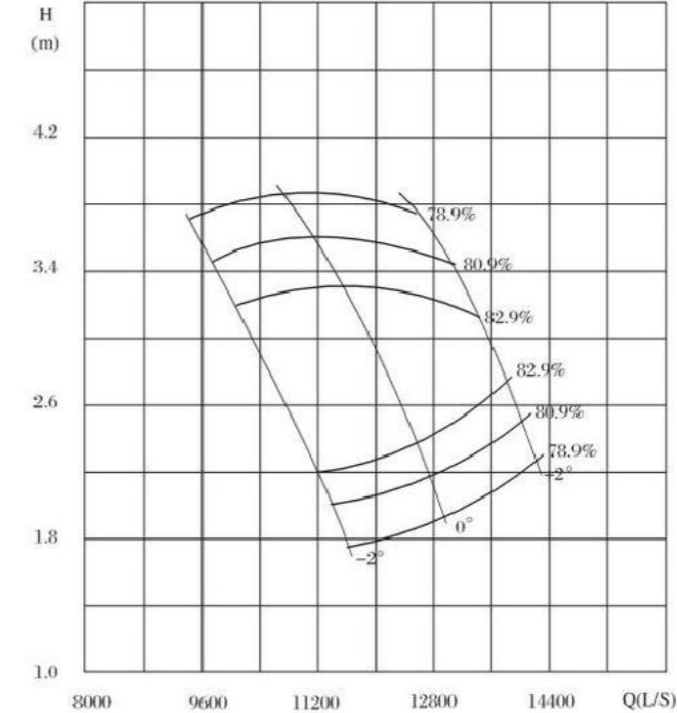
1800QBX-125 型贯流泵性能曲线图
1800QBX-125 Type tubular pump performance curve



1800QBX-125 型贯流泵性能表
1800QBX-125 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-6°	21681	6023	3.93	256.8	81.29	288.1	330	1740
	24982	6939	2.82		83.10	232.9		
	27657	7683	1.79		75.98	179.6		
-4°	27898	7749	4.21		84.24	383.2	425	
	31840	8844	2.92		85.34	299.7		
	33917	9421	2.14		80.82	247.5		
-2°	33939	9428	4.54		84.53	502.0	560	
	37870	10519	3.30		85.34	403.0		
	40789	11330	2.31		83.10	311.9		
0°	39421	10950	4.91		83.92	634.7	710	
	43781	12161	3.74		85.34	527.7		
	47046	13068	2.81		84.04	432.6		
+2°	43849	12180	5.24		82.84	763.8	900	
	48544	13484	4.14		85.34	647.6		
	52086	14468	3.26		84.26	554.3		
+4°	49653	13793	5.74		78.49	998.4	1000	
	54552	15153	4.70		83.93	840.5		
	58084	16134	3.86		93.39	739.8		

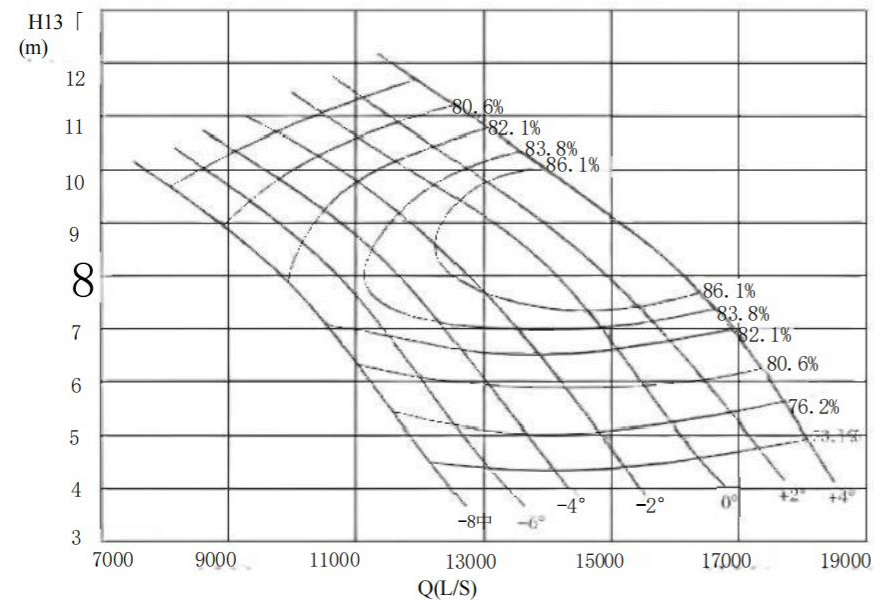
1800QBX-160 型贯流泵性能曲线图
1800QBX-160 Type tubular pump performance curve



1800QBX-160 型贯流泵性能表
1800QBX-160 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-2°	36181	10050	3.26	256.8	82.60	392.3	450	1740
	39612	11003	2.39		83.72	311.5		
	41301	11473	1.91		81.71	266.5		
0°	41218	11449	3.41		82.85	466.6	500	
	44008	12224	2.72		83.72	393.3		
	45603	12668	2.25		83.07	339.3		
+2°	46639	12955	3.53		81.04	558.0	630	
	48555	13488	3.09		83.72	493.6		
	50103	13918	2.63		83.20	435.6		

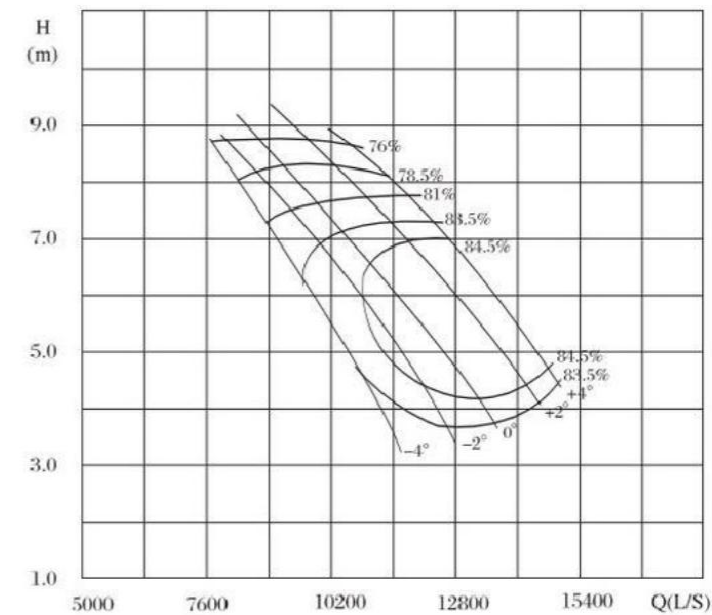
2000GQBX-50 型贯流泵性能曲线图
2000GQBX-50 Type tubular pump performance curve



2000GQBX-50 型贯流泵性能表
2000GQBX-50 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-8°	29499	8104	10.29	215	76.7	1078.0	1100	2000
	36993	10276	8.34		83.1	1011.1		
	43417	12060	4.88		72.7	794.4		
-6°	32346	8985	10.41		77.1	1190.5	1250	
	40805	11355	8.34		84.9	1091.7		
	49030	13619	4.08		68.7	793.9		
-4°	32226	8952	10.99		76.7	1258.2	1300	
	44360	12322	8.59		86.1	1206.1		
	52511	14586	4.66		72.7	916.8		
-2°	37484	10412	10.91		80.6	1383.2	1450	
	45698	12694	8.85		86.1	1279.5		
	57375	15938	4.17		69.1	943.0		
0°	42697	11860	10.54		83.0	1477.7	1600	
	50768	14102	8.89		86.3	1425.0		
	60416	16782	4.74		72.7	1066.9		
+2°	42308	11752	11.56		80.6	1654.2	1800	
	53443	14845	9.11		86.1	1541.4		
	64914	18032	4.28		68.7	1103.3		
+4°	44920	12478	11.94		80.6	1813.0	2000	
	56186	15607	9.37		86.1	1666.1		
	67298	18694	5.20		72.7	1312.1		

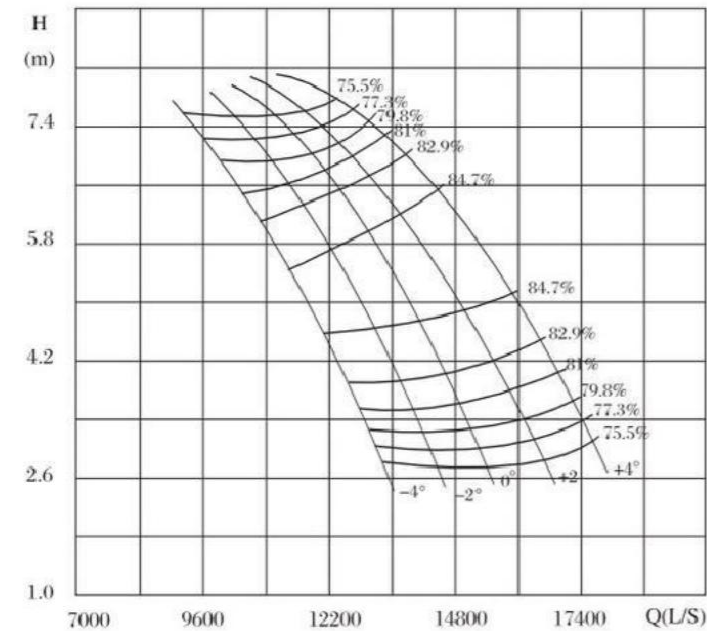
2000GQBX-70 型贯流泵性能曲线图
2000GQBX-70 Type tubular pump performance curve



2000GQBX-70 型贯流泵性能表
2000GQBX-70 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³ /h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-4°	32509	9030	7.02	215	82.59	759.8	800	2000
	37719	10478	4.97		84.64	609.2		
	40739	11316	3.67		82.75	596.9		
-2°	35155	9765	7.11		83.91	819.1	900	
	41409	11503	5036		85.34	676.2		
	44497	12360	3.89		94.89	562.4		
0°	37330	10369	7.18		84.02	878.2	1000	
	44253	12293	5.14		85.34	734.1		
	47503	13195	4.09		85.31	626.6		
+2°	40872	11353	7.32		84.06	979.2	1100	
	48144	13373	5.26		85.34	817.0		
	51078	14188	4.34		85.20	715.5		
+4°	43637	12121	7.43		83.53	1068.4	1200	
	50855	14126	5.35		85.34	877.58		
	53335	14815	4.50		84.55	781.7		

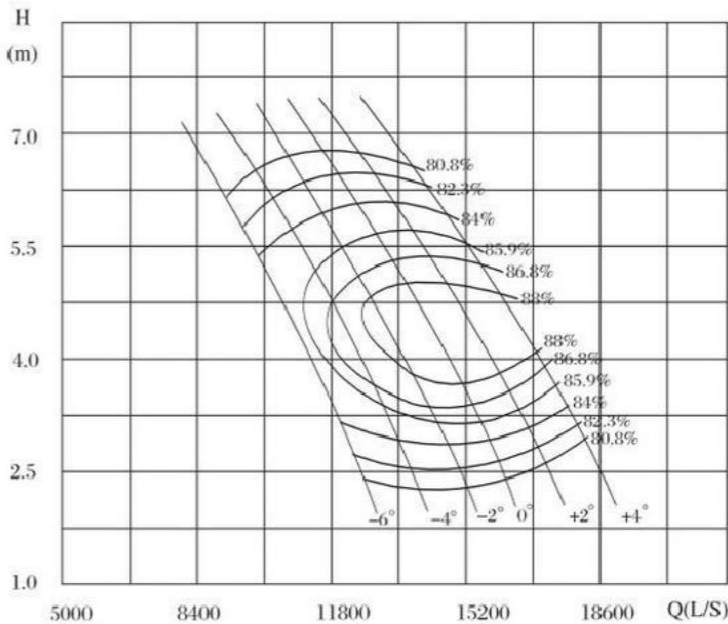
2000GQBX-85 型贯流泵性能曲线图
2000GQBX-85 Type tubular pump performance curve



2000GQBX-85 型贯流泵性能表
2000GQBX-85 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³ /h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-4°	36347	10096	6. 83	215	80. 87	845. 2	900	2000
	42186	11718	5. 02		85. 54	681. 2		
	46758	12988	3. 18		78. 87	519. 5		
-2°	39781	10096	6. 94		80. 69	941. 5	1000	
	45894	11718	5. 15		85. 54	760. 7		
	50592	12988	3. 34		81. 22	571. 7		
0°	42733	11870	7. 84		79. 79	1037. 3	1100	
	49098	13638	5. 28		85. 54	833. 2		
	53793	14943	3. 47		81. 96	626. 8		
+2°	45055	12515	7. 12		81. 04	1089. 6	1200	
	52299	14528	5. 41		85. 54	909. 0		
	57688	16024	6. 65		81. 42	710. 9		
+4°	48595	13414	7. 24		82. 30	1169. 6		
	55899	15528	5. 56		85. 54	1000. 5		
	61403	17056	3. 83		81. 40	794. 0		

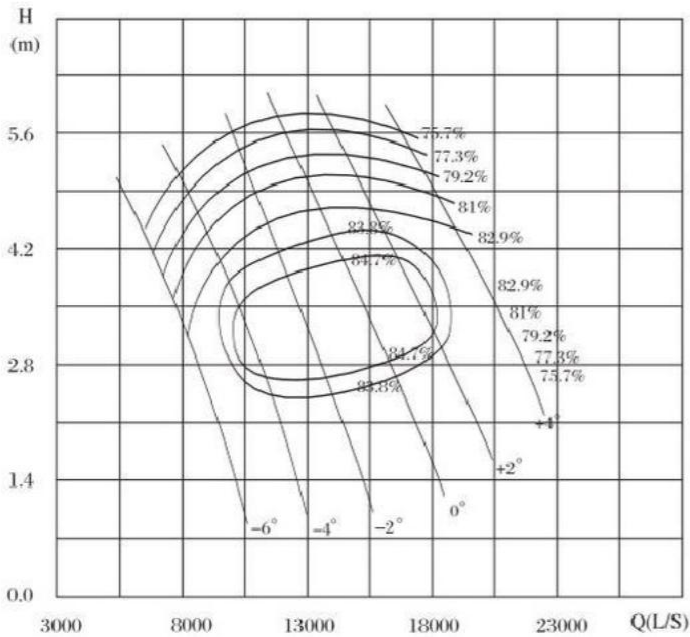
2000GQBX-100 型贯流泵性能曲线图
2000GQBX-100 Type tubular pump performance curve



2000GQBX-100 型贯流泵性能表
2000GQBX-100 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power (kW)		叶轮直径D (mm) Impeller diameter D(mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-6°	34705	9640	5.64	215	83.57	645.1	710	2000
	40293	11193	3.96		96.95	505.6		
	44425	12340	2.57		81.61	381.3		
-4°	38593	10720	5.73		85.21	749.8	800	
	44415	12338	4.07		88.68	560.2		
	48627	13508	2.68		84.16	425.7		
-2°	41959	11655	5.80		85.59	783.0	900	
	47896	13304	4016		88.88	616.5		
	52385	14551	2.79		84.55	475.0		
0°	45448	12624	5.89		86.05	856.3		
	54546	15152	4.26		88.88	680.1		
	56021	15561	2.90		84.77	527.1		
+2°	18749	13541	5.98		85.39	939.6	1000	
	55247	15346	4.37		88.88	748.25		
	59970	16658	3.03		84.45	592.2		
+4°	52068	14463	6.08		83.85	1038.4	1100	
	58847	16346	4.49		88.88	818.5		
	63894	17748	3.17		84.19	661.9		

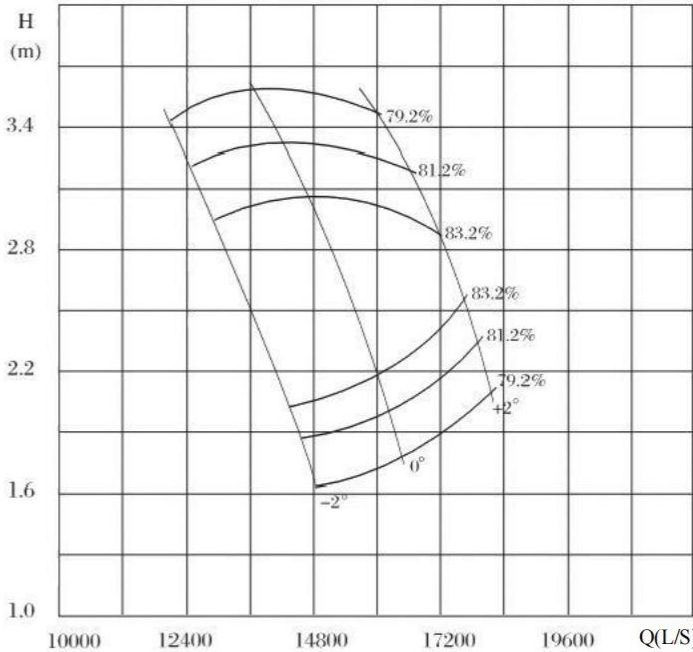
2000GQBX-125 型贯流泵性能曲线图
2000GQBX-125 Type tubular pump performance curve



2000GQBX-125 型贯流泵性能表
2000GQBX-125 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-6°	25061	6961	4.18	215	78.36	367.8	400	2000
	31138	8649	2.78		84.56	281.4		
	35191	9775	1.65		76.14	210.4		
-4°	33401	9278	4.32		82.62	480.5	560	
	35915	9976	2.95		85.54	374.6		
	43601	12111	1.84		79.82	277.3		
-2°	41790	11608	4.50		83.91	616.8	710	
	47727	13258	3.15		85.54	484.0		
	52093	14470	2.08		82.97	358.9		
0°	49343	13706	4.70		83.59	763.1	800	
	55996	15554	3.40		85.54	612.1		
	60941	16928	2.36		83.00	477.5		
+2°	55618	15449	4.89		82.93	901.8	1000	
	62875	17465	3.63		85.54	734.7		
	68297	18971	2.64		82.12	603.3		
+4°	64045	17790	5.17		79.54	1146.5	1000	
	71605	19890	3.97		84.70	923.2		
	76948	21374	3.00		79.90	794.1		

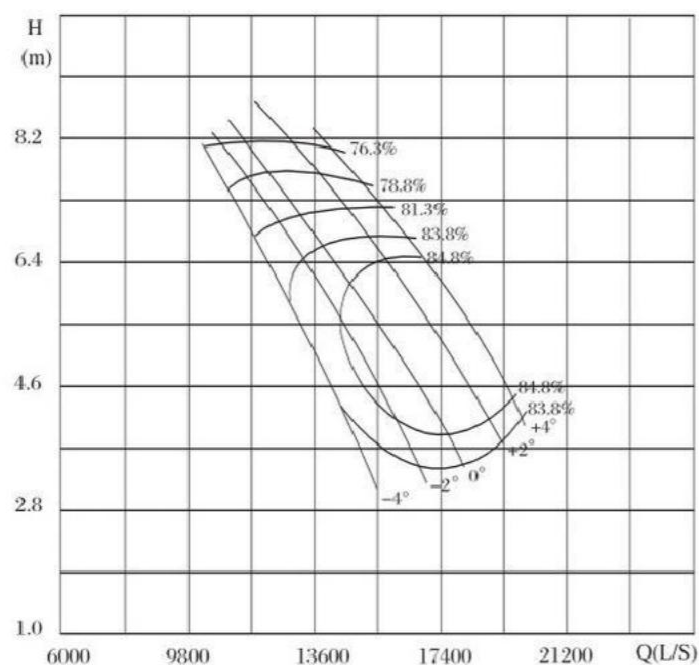
2000GQBX-160 型贯流泵性能曲线图
2000GQBX-160 Type tubular pump performance curve



2000GQBX-160 型贯流泵性能表
2000GQBX-160 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-2°	45189	12553	3.15	215	81.94	478.6	560	2000
	50027	13896	2.28		84.03	373.3		
	52590	14608	1.75		81.86	309.4		
0°	51348	14263	3.32		81.95	571.7	630	
	56219	15616	2.46		84.03	452.4		
	58599	16278	1.93		81.84	380.6		
+2°	58140	16150	3.42		80.47	672.9	710	
	62699	17416	2.67		84.03	547.5		
	64852	18014	2.14		81.48	468.8		

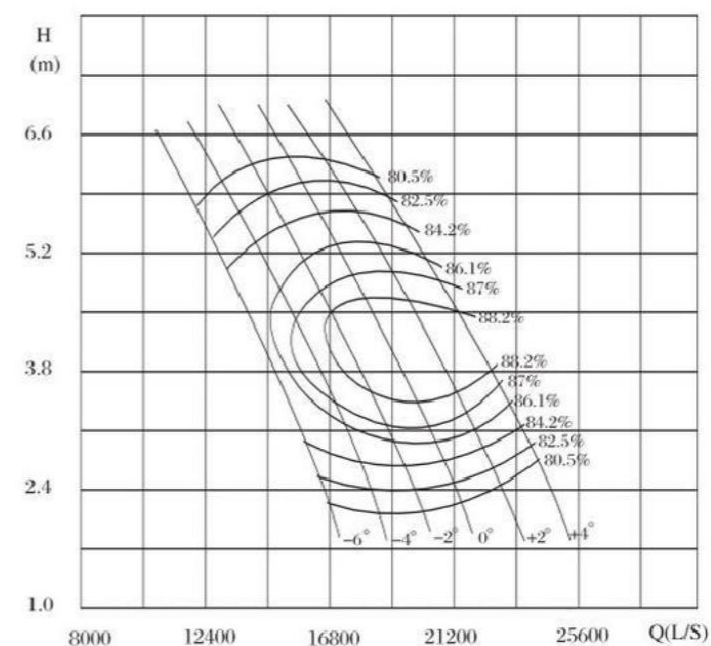
2400QBX-70 型贯流泵性能曲线图
2400QBX-70 Type tubular pump performance curve



2400QBX-70 型贯流泵性能表
2400QBX-70 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power(kW)		叶轮直径D(mm) Impeller diameter D(mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-4°	46891	13025	5.57	176.5	84.80	847.3	900	2350
	50232	13953	4.62		84.95	752.2		
	54009	15003	3.49		83.24	623.0		
-2°	52083	14468	5.45		85.64	912.8	1000	
	55877	15521	4.52		85.64	812.1		
	59376	16493	3.59		85.05	689.9		
0°	55549	15430	5.52		85.64	984.8	1100	
	59790	16608	4.60		85.64	883.6		
	63783	17718	3.68		85.32	757.5		
+2°	60672	16853	5.62		85.64	1095.1	1200	
	64996	18054	4.71		85.64	983.3		
	69046	19179	3.80		84.67	852.5		
+4°	64427	17896	5.70		85.64	1179.2	1300	
	68542	19036	4.79		85.64	1054.4		
	72293	20081	3.88		83.08	928.2		

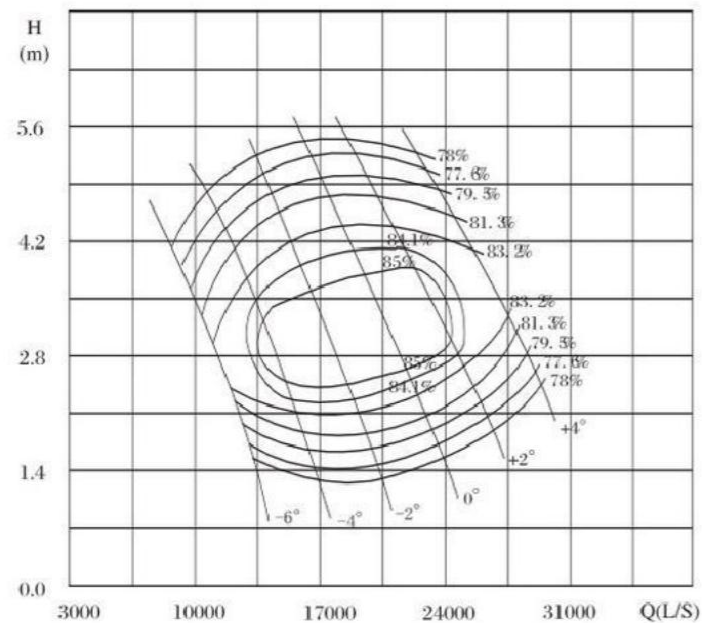
2400QBX-100 型贯流泵性能曲线图
2400QBX-100 Type tubular pump performance curve



2400QBX-100 型贯流泵性能表
2400QBX-100 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power (kW)		叶轮直径D(mm) Impeller diameter D(mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-6°	49395	13721	4.57	176.5	86.60	720.6	800	2350
	54703	15195	3.45		86.70	599.6		
	58624	16284	2.52		82.86	490.9		
-4°	54941	15261	4.66		87.40	805.7	900	
	60215	16726	3.55		88.39	665.5		
	64204	17834	2.63		84.91	546.3		
-2°	59416	16504	4.74		88.12	878.7	1000	
	64895	18026	3.64		89.08	729.5		
	69161	19211	2.73		85.50	606.6		
0°	64218	17838	4.83		88.465	964.0		
	69777	19383	3.74		89.08	805.8		
	74014	20559	2.83		86.02	670.3		
+2°	68837	19121	4.92		88.36	1054.5	1100	
	74373	20760	3.85		89.08	888.3		
	79219	22005	2.95		85.42	753.4		
+4°	73413	20393	5.02	87.04	1164.6	1300		
	79615	22115	3.96	89.08	974.4			
	84407	23446	3.08	85.12	840.7			

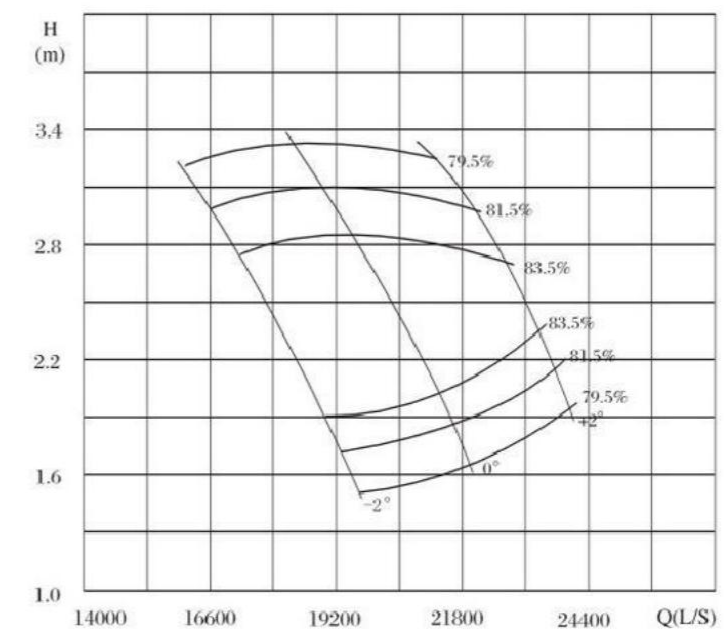
2400GQBX-125 型贯流泵性能曲线图
2400GQBX-125 Type tubular pump performance curve



2400GQBX-125 型贯流泵性能表
2400GQBX-125 Type tubular pump performance tables

叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-6°	32884	9134	3.98	176.5	78.18	458.3	500	2350
	41099	11416	2.65		85.07	352.4		
	46006	12779	1.71		77.49	280.0		
-4°	43979	12216	4.09		85.47	599.8	630	
	52252	14514	2.81		85.85	469.9		
	57202	15889	1.89		81.84	632.7		
-2°	55236	15343	4.25		84.05	769.7	800	
	63210	17558	2.99		85.85	606.5		
	68452	19014	2.10		84.04	469.7		
0°	65223	18118	4.43		83.57	951.7	1000	
	74169	20603	3.22		85.85	764.7		
	80112	22253	2.35		84.16	616.3		
+2°	73553	20431	4.60		82.89	1124	1200	
	83323	23145	4.43		85.85	916.3		
	89847	24958	2.60		83.58	768.5		

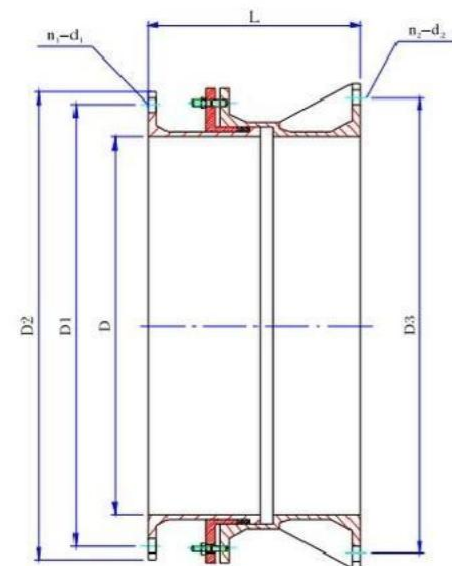
2400GQBX-160 型贯流泵性能曲线图
2400GQBX-160 Type tubular pump performance curve



2400GQBX-160 型贯流泵性能表
2400GQBX-160 Type tubular pump performance tables

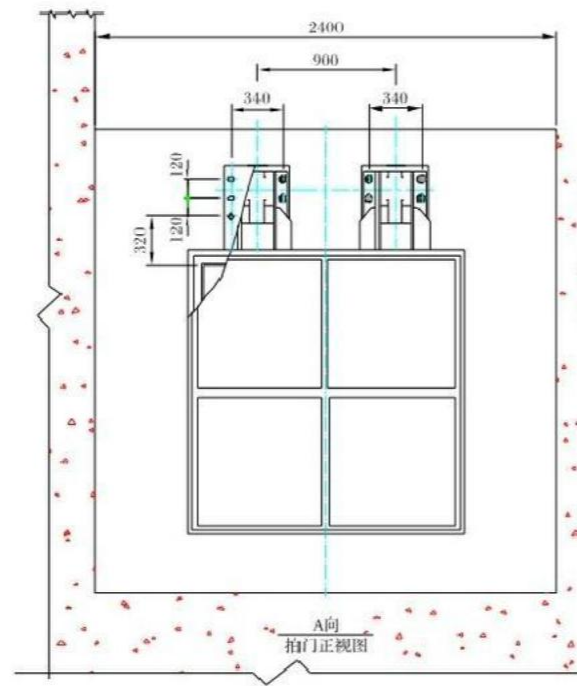
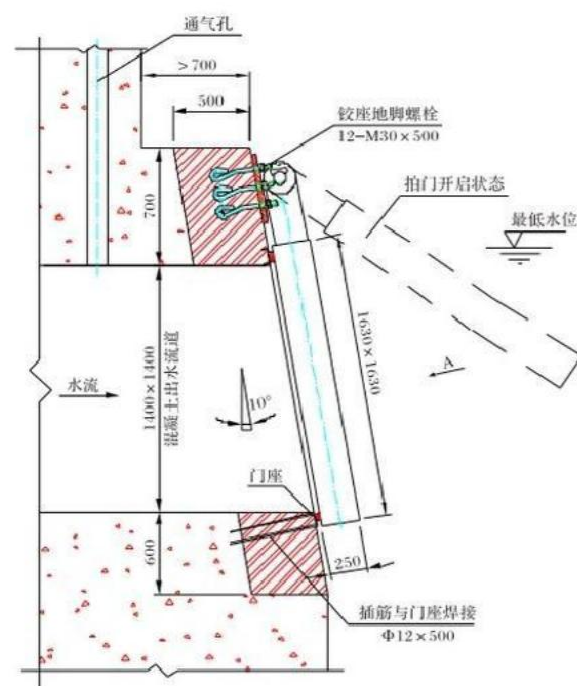
叶片安放角 Blade angle	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-2°	61752	17153	2.75	176.5	83.92	556.9	630	2350
	65849	18291	2.23		84.33	478.2		
	69561	19323	1.70		82.86	392.3		
0°	70055	19460	2.91		83.68	669.9	710	
	74154	20598	2.39		84.33	579.2		
	77610	21558	1.87		82.91	481.5		
+2°	78445	21790	3.09		81.46	818.3	900	
	82729	22980	2.59		84.33	698.5		
	85951	23875	2.07		82.30	593.8		

附件
Annex

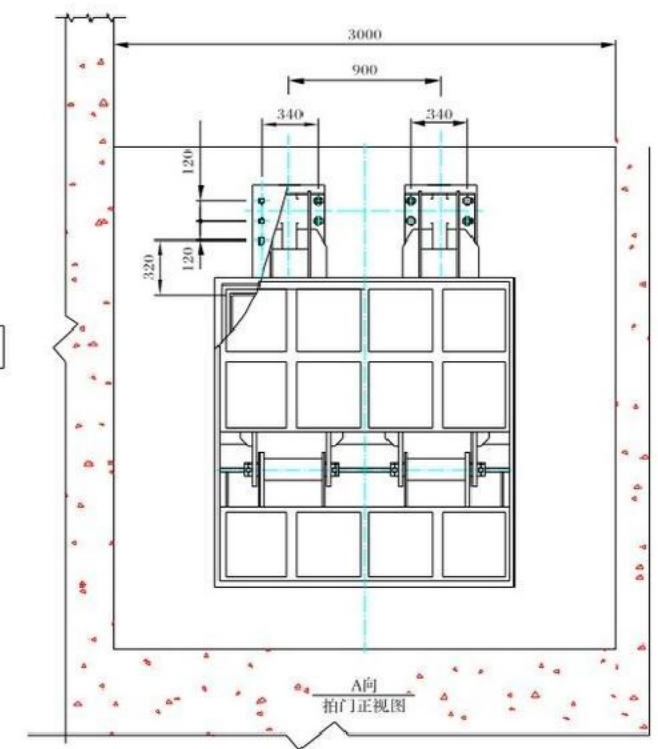
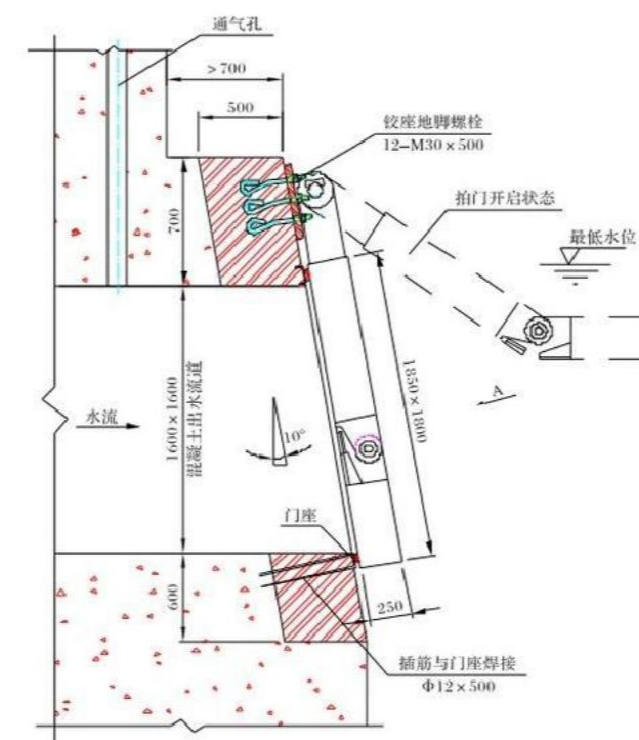


伸 缩 节 尺 寸 Expansion Joint size	D	1400	1600
	D1	1520	1730
	D2	1575	1785
	D3	1520	1730
	n1-d1	36-Φ30	40-Φ30
	n2-d2	12-Φ30	20-Φ30
	L	800	800

附件1安装伸缩节
Annex 1 to install expansion joints



附件2. 11400×1400浮箱拍门
Annex 2. 11400×1400 Pontoon-to-door

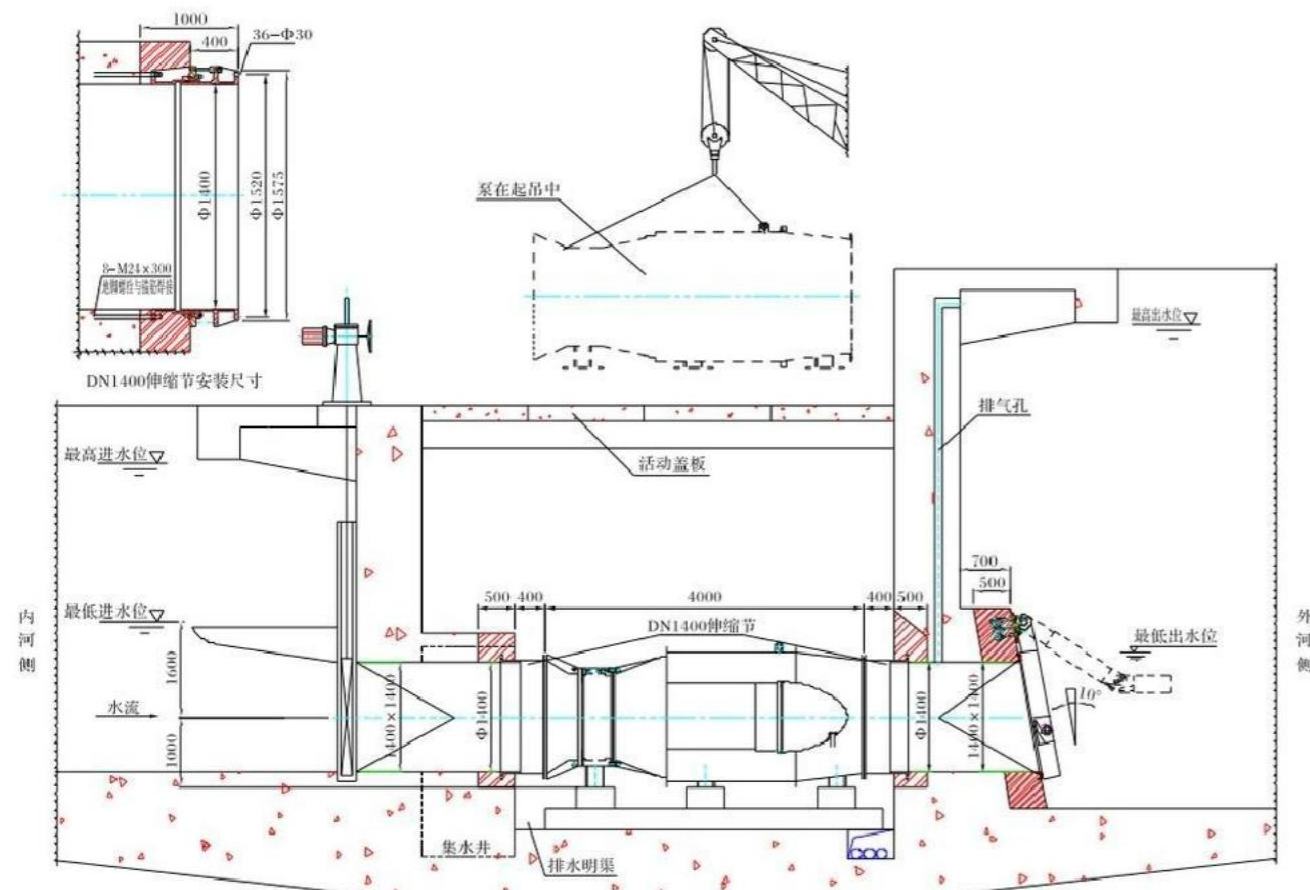


附件2. 21600×1600浮箱拍门安装尺寸
Annex2. 21600×1600 Size pontoon-to-door installation

其它 Other

根据合同要求机组成套供应范围包括贯流泵、浮箱拍门、伸缩节、电动闸门、清污机、控制柜、就地接线箱(端子箱)等主要部件和橡胶密封件、机械密封、轴承、叶片等常用备品备件,待合同生效后,提供所需资料,供设计院作泵站技术设计之用。

Under the contract unit complete scope of supply includes pump,pontoon-to-door,expansion joints,electric gate,cleaing machine,control box,junction boxlocally (terminal box)and other major components and rubber seals,mechanical seals,bearings,leaves and other commonly used spare parts,when the contract comes into effect,provide the information required for the design institute for pumping technology for design purpose.



附图11200GQB型贯流泵泵站示例
Photo 1 1200GQB Sample type tubular Pumping Station

GSB 型双向贯流泵 GSB-Type tubular pumping

概述 Outline

GSB型双向贯流泵是我公司研制的新型产品,其优点是,使用时只要改变电机的旋转方向,就可以实现正反向抽水,而不需要将电泵拆卸、调头;具有可向二个方向输送介质的特性。适用于水资源丰富、需要向不同方向引、排水的用户。该泵双向输送介质的特点,使设备结构紧凑,占地面积小,不但为用户节省了购置设备的资金,同时,减少了一套供水管线的铺设,便于用户对设备的安装、控制和维护。

GSB-Type tubular pumping is our development of new products,the advantageis only used to change the motor rotation direction,forward and reverse pumping can be achieved without the need to pump the demolition,a U-turn;have available to 2 the direction of medium characteristics.Applicable to abundant water resources,the need to lead in different directions, drain the user.The pumpfeatures atwo-way transmission medium,so that structure is compact,small footprint,not only for the user to save the money for equipment,while reducing the laying of a water supply pipeline,user-friendly installation of the equipment,control and maintenance.

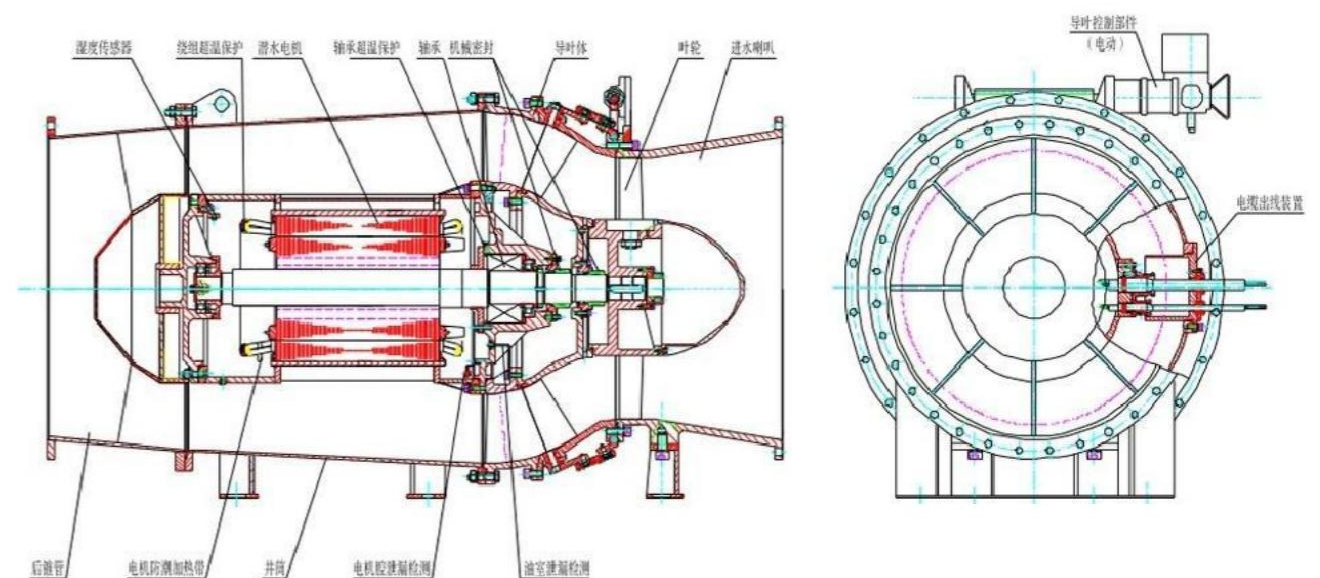
电泵型号举例说明 Pump Model example

1200 GSB 125

泵比转速的1/10取整数(即该泵的比转速为1250)
Pump specific speed of 1/10is integer(ie,the ratio of the pump speed is 1250)

双向潜水贯流泵
Two-Way cross-flow pump submersible

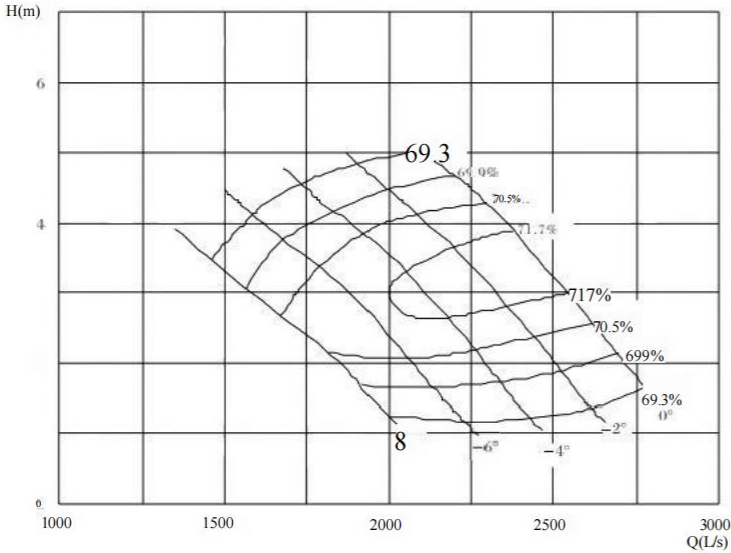
出口名义直径
Export nominal diameter



GSB型双向贯流泵结构示意图
GSB-Type tubular structure diagram of the pump

双向贯流泵性能参数
Tubular pumping performance parameters

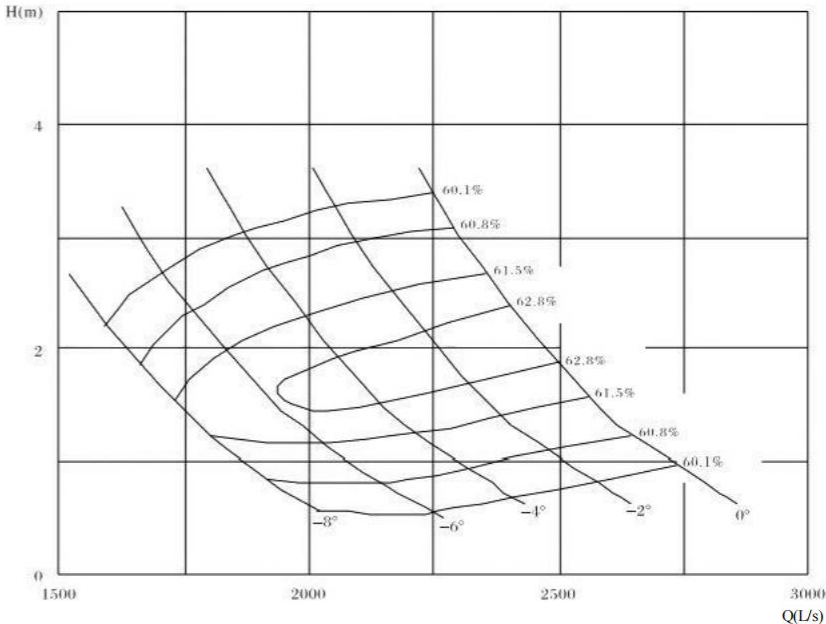
900GSB-125 型贯流泵正向流动性能曲线图
900GSB-125 Type tubular pump performance curve Flows



900GSB-125 型贯流泵正向流动性能表
900GSB-125 Type tubular pump performance table Flows

叶片安放角 / 导叶30° Blade angle 30° guide vane	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶 轮 直 径D (mm) Impeller diameter D (mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-8°	7150	1986	1.31	490	70.2	36.3	160	980
	6307	1752	2.36		70.8	57.3		
	5288	1469	3.42		69.6	70.8		
-6°	7535	2093	1.87		70.2	54.7		
	6941	1928	2.47		71.5	65.3		
	6163	1712	3.64		70.1	87.2		
-4°	8539	2372	1.49		69.7	49.7	185	
	7934	2204	2.51		71.4	80.0		
	6742	1873	4.03		71.1	104.1		
-2°	9130	2536	1.80		69.8	64.1	220	
	8514	2365	2.82		71.6	91.3		
	7567	2101	4.15		70.6	121.1		
0°	9878	2744	1.83		69.5	70.8	250	
	9097	2527	3.06		71.7	105.7		
	8316	2310	4.21		70.9	134.5		

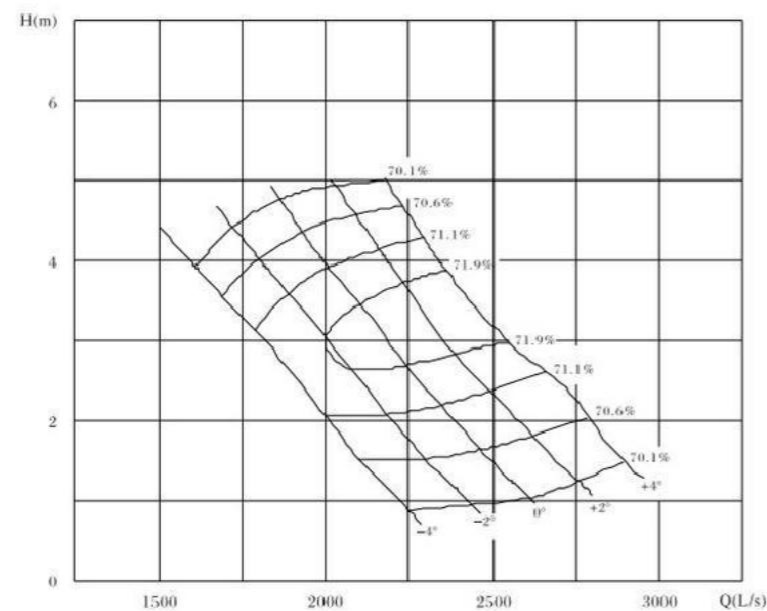
900GSB-125 型贯流泵反向流动性能曲线图
900GSB-125 Reverse flow type tubular pump performance curve



900GSB-125 型贯流泵反向流动性能表
900GSB-125 Reverse-flow type tubular pump performance tables

叶片安放角 / 导叶0° Blade angle 10° guide vane	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³ /h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-8°	7074	1965	0.70	490	60.5	22.3	160	980
	6332	1759	1.41		61.9	39.3		
	5756	1599	2.19		60.4	56.8		
-6°	7610	2114	0.90		61.1	30.5		
	6930	1925	1.54		62.7	46.4		
	6336	1760	2.38		60.9	67.4		
-4°	8500	2361	0.81		60.5	31.0	185	
	7780	2161	1.46		62.6	49.4		
	7106	1974	2.40		61.3	75.8		
-2°	8935	2482	1.08		60.8	43.2	220	
	8190	2275	1.94		62.8	68.9		
	7477	2077	3.08		60.4	103.8		
0°	9558	2655	1.22		60.7	52.3	250	
	8888	2469	2.05		62.8	79.0		
	8280	2300	3.03		61.0	112.0		

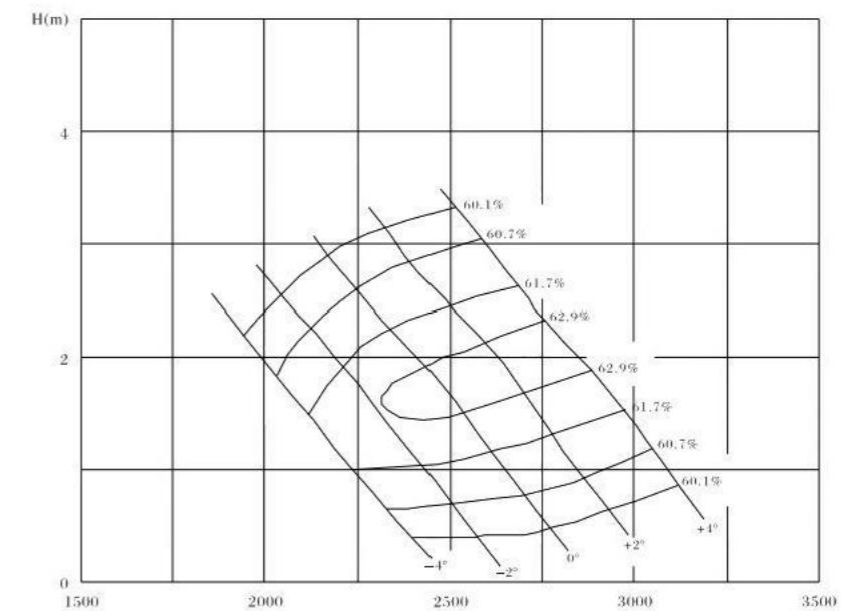
900GSB-160 型贯流泵正向流动性能曲线图
900GSB-160 Type tubular pump performance curve flows



900GSB-160 型贯流泵正向流动性能表
900GSB-160 Type tubular pump performance table flows

叶片安放角 / 导叶20° Blade angle 20° guide vane	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-4°	8024	2229	0.99	490	70.2	30.8	160	980
	7070	1964	2.26		71.3	61.0		
	5976	1660	3.80		70.3	88.0		
-2°	8647	2402	1.11		70.3	37.2		
	7501	2084	2.62		71.3	75.1		
	6682	1856	3.75		70.4	96.9		
0°	9310	2586	1.14		70.2	41.2		
	8050	2236	2.72		71.9	82.9		
	7139	1983	4.06		70.9	111.3		
+2°	9917	2755	1.26		70.2	48.5	185	
	8550	2375	2.90		71.9	93.9		
	7693	2137	4.28		70.9	126.5		
+4°	10406	2891	1.50		70.1	60.6	250	
	8970	3517	3.21		71.9	109.1		
	8129	2258	4.50		70.8	140.7		

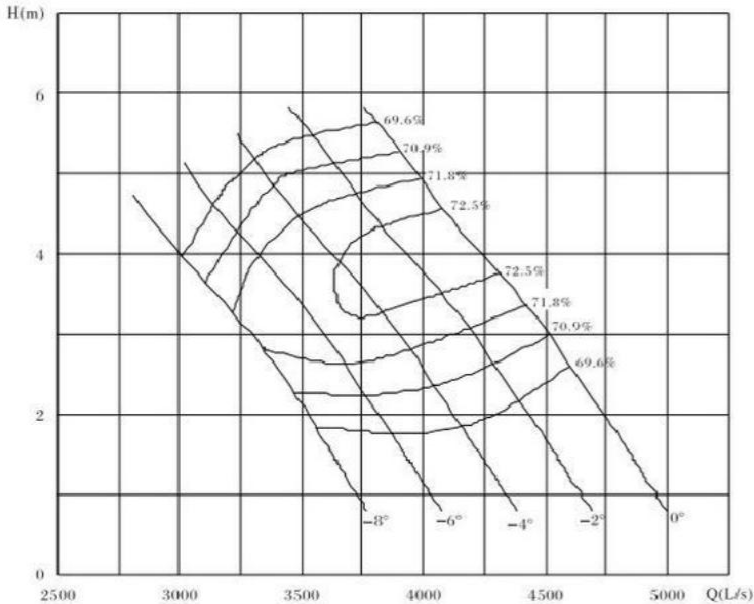
900GSB-160 型贯流泵反向流动性能曲线图
900GSB-160 Reverse flow type tubular pump performance curve



900GSB-160 型贯流泵反向流动性能表
900GSB-160 Reverse-flow type tubular pump performance tables

叶片安放角 / 导叶0° Blade angle 10° guide vane	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-4°	8588	2386	0.44	490	60.3	17.1	160	980
	7994	2220	1.08		61.9	38.0		
	7081	1967	2.12		61.4	66.6		
-2°	8769	2436	0.92		61.5	35.7		
	8273	2298	1.55		62.7	55.7		
	7564	2101	2.34		60.4	79.8		
0°	9414	2615	1.12		61.6	46.6	185	
	8816	2449	1.84		62.9	70.2		
	8158	2266	2.53		60.4	93.1		
+2°	10141	2817	1.22		61.2	55.1	250	
	9685	2690	1.76		62.9	73.8		
	8536	2371	2.95		60.5	113.3		
+4°	10911	3031	1.27		60.9	62.0		
	10330	2869	1.93		62.9	86.3		
	9248	2569	3.12		60.3	130.0		

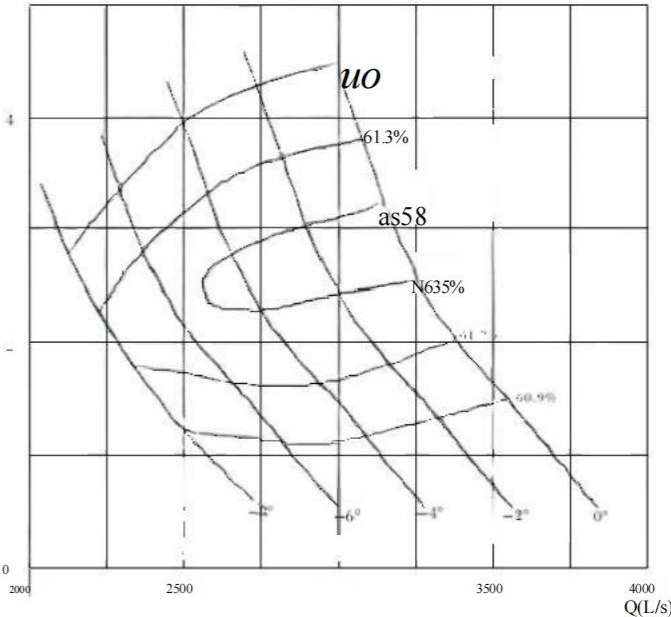
1000GSB-125 型贯流泵正向流动性能曲线图
1000GSB-125 Type tubular pump performance curve flows



1000GSB-125 型贯流泵正向流动性能表
1000GSB-125 Type tubular pump performance table flows

叶片安放角 / 导叶30° Blade angle 30° guide vane	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)	
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power		
-8°	12758	3544	1.93	490	70.2	95.5	220	1060	
	12103	3362	2.76		71.4	127.4			
	11257	3127	3.47		70.8	150.3			
-6°	13450	3736	2.75		72.1	139.7			280
	12388	3441	3.63		72.2	169.6			
	11743	3262	4.16		71.2	186.9			
-4°	14303	3973	2.73		71.6	148.5	280		
	13280	3689	3.76		72.5	187.6			
	12254	3404	4.80		71.3	224.7			
-2°	15480	4241	2.88		71.4	170.0	315		
	14504	4029	3.68		72.5	200.5			
	13428	3730	4.80		71.6	245.1			
0°	16362	4545	2.89		70.3	183.2	355		
	15430	4286	3.86		72.5	223.7			
	14270	3964	5.03		71.7	272.6			

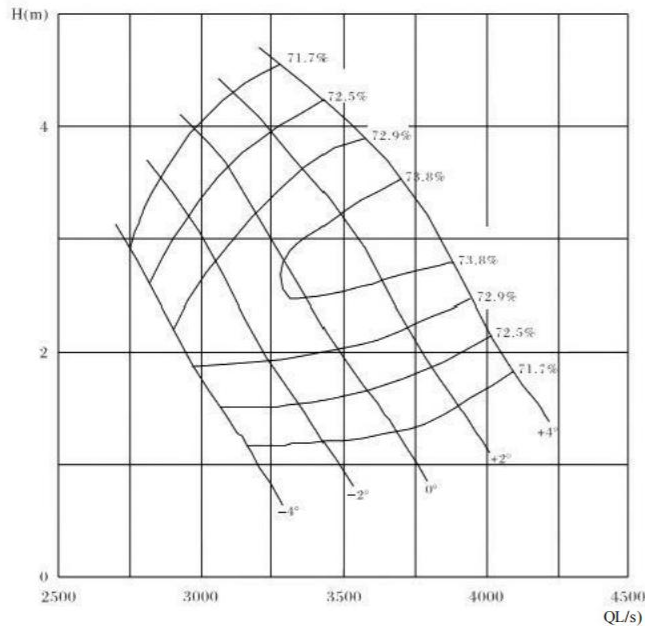
1000GSB-125 型贯流泵反向流动性能曲线图
1000GSB-125 Reverse flow type tubular pump performance curve



1000GSB-125 型贯流泵反向流动性能表
1000GSB-125 Reverse-flow type tubular pump performance tables

叶片安放角 / 导叶0° Blade angle 10° guide vane	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power(kW)		叶轮直径D(mm) Impeller diameter D(mm)	
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power		
-8°	9432	2620	0.87	490	60.4	37.0	220	1060	
	8442	2345	1.76		61.2	66.1			
	7675	2132	2.74		60.7	94.3			
-6°	10148	2819	1.12		60.8	50.9			280
	9241	2567	1.93		62.2	78.1			
	8449	2347	2.97		61.2	111.7			
-4°	11081	3078	1.20		60.9	59.5	315		
	9868	2741	2.33		63.5	98.6			
	9144	2540	3.60		61.1	146.7			
-2°	11945	3318	1.34		60.9	71.6	355		
	10760	2989	2.49		63.5	114.9			
	10084	2801	3.77		61.2	169.2			
0°	12726	3535	1.54		60.9	87.6	355		
	11632	3231	2.70		63.5	134.7			
	10933	3037	4.12		61.1	200.8			

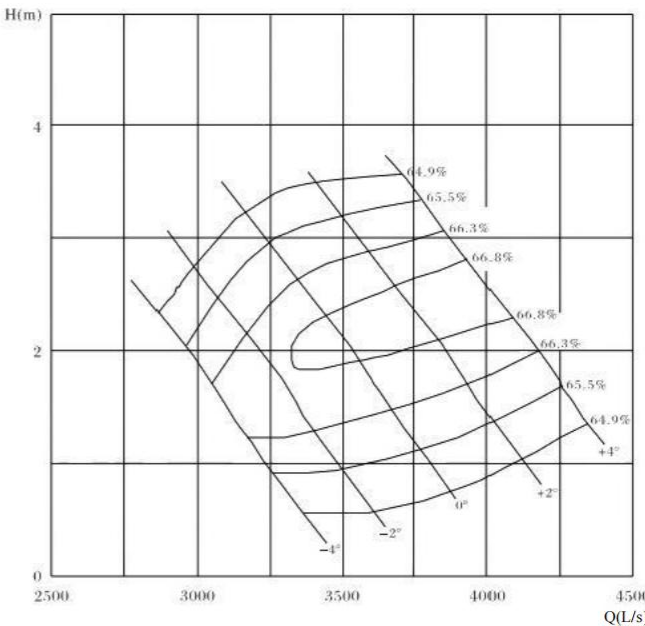
1000GSB-160 型贯流泵正向流动性能曲线图
1000GSB-160 Type tubular pump performance curve flows



1000GSB-160 型贯流泵正向流动性能表
1000GSB-160 Type tubular pump performance table flows

叶片安放角 /导叶20° Blade angle 20° guide vane	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power(kW)		叶轮直径D(mm) Impeller diameter D(mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-4°	11326	3146	1.25	490	72.1	53.5	160	1060
	10699	2972	1.89		72.9	75.5		
	9979	2772	2.84		71.9	107.3		
-2°	12204	3390	1.39		72.1	64.1		
	11351	3153	2.31		73.4	97.3		
	10588	2941	3.29		72.3	131.6		
0°	13139	3650	1.44		71.9	71.7		
	12424	3451	2.19		73.2	101.2		
	11739	3261	2.95		73.4	128.5		
+2°	13997	3888	1.59		71.9	84.3	220	
	13104	3640	2.62		73.7	126.9		
	12067	3352	3.65		72.8	164.8		
+4°	14688	4080	1.89		71.9	105.1	280	
	13727	3813	3.12		73.8	158.0		
	12661	3517	4.04		72.8	191.3		

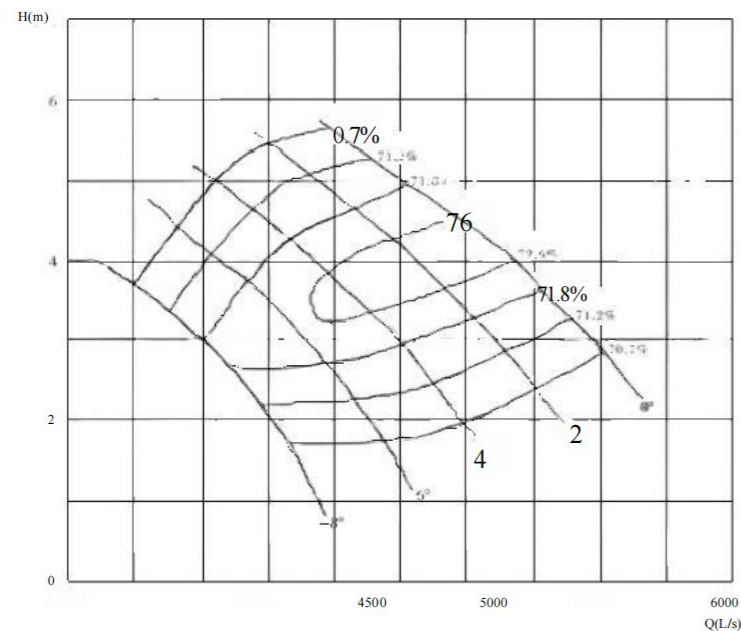
1000GSB-160 型贯流泵反向流动性能曲线图
1000GSB-160 Reverse flow type tubular pump performance curve



1000GSB-160 型贯流泵反向流动性能表
1000GSB-160 Reverse-flow type tubular pump performance tables

叶片安放角 /导叶0° Blade angle 10° guide vane	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power(kW)		叶轮直径D(mm) Impeller diameter D(mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-4°	12121	3367	0.55	490	64.0	28.0	160	1060
	11282	3174	1.36		66.5	63.3		
	10346	2874	2.30		65.1	99.5		
-2°	12377	3438	1.16		66.1	59.2		
	11804	3279	1.95		66.6	94.1		
	11223	3118	2.41		65.1	108.9		
0°	13288	3691	1.41		66.1	77.2		
	12755	3543	2.04		66.8	106.1		
	12348	3430	2.32		66.7	117.0		
+2°	14314	3976	1.54		65.9	91.1	220	
	13670	3797	2.21		66.8	118.1		
	13057	3627	2.76		66.5	147.6		
+4°	15401	4278	1.60		65.6	102.3	280	
	14580	4050	2.43		68.8	140.2		
	13806	3835	3.14		66.1	178.6		

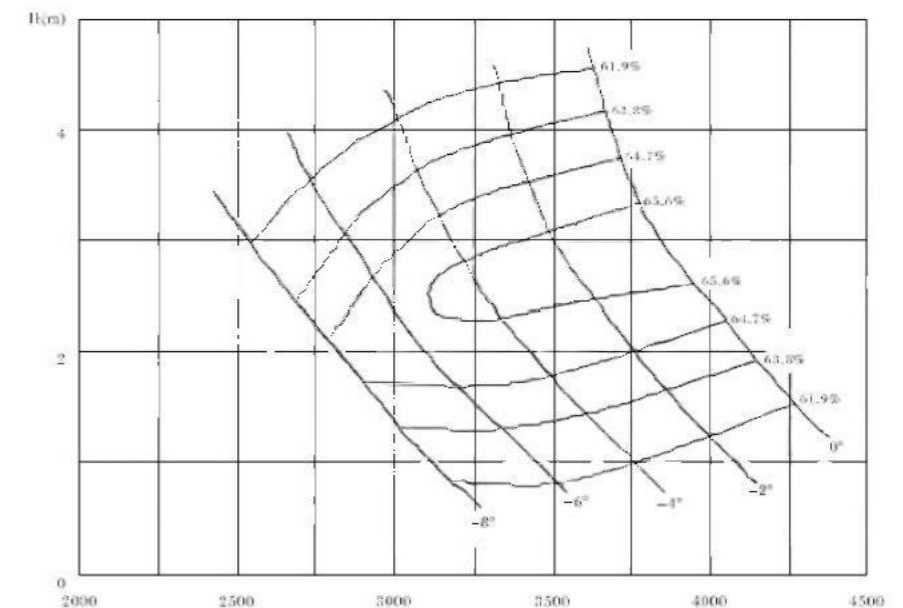
1200GSB-125 型贯流泵正向流动性能曲线图
1200GSB-125 Type tubular pump performance curve flows



1200GSB-125 型贯流泵正向流动性能表
1200GSB-125 Type tubular pump performance table flows

叶片安放角 / 导叶30° Blade angle 30° guide vane	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power (kW)		叶轮直径D(mm) Impeller diameter D(mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-8°	15311	4253	2.06	490	70.0	122.7	355	1120
	14522	4034	2.94		71.9	161.7		
	13507	3752	3.70		70.7	192.5		
-6°	16139	4483	2.93		72.2	178.4		
	14864	4129	3.87		71.7	218.5		
	14090	3914	4.43		70.72	240.4		
-4°	17161	4767	2.91		71.8	189.4		
	15937	4427	4.00		72.5	239.5		
	14706	4085	4.95		70.9	279.6		
-2°	18320	5089	3.07		71.6	213.9	400	
	17406	4835	3.92		72.6	255.9		
	16114	4476	4.94		71.5	303.2		
0°	19634	5454	3.08		70.9	232.3	450	
	18515	5143	4.11		72.6	285.5		
	17125	4757	5.01		71.7	325.9		

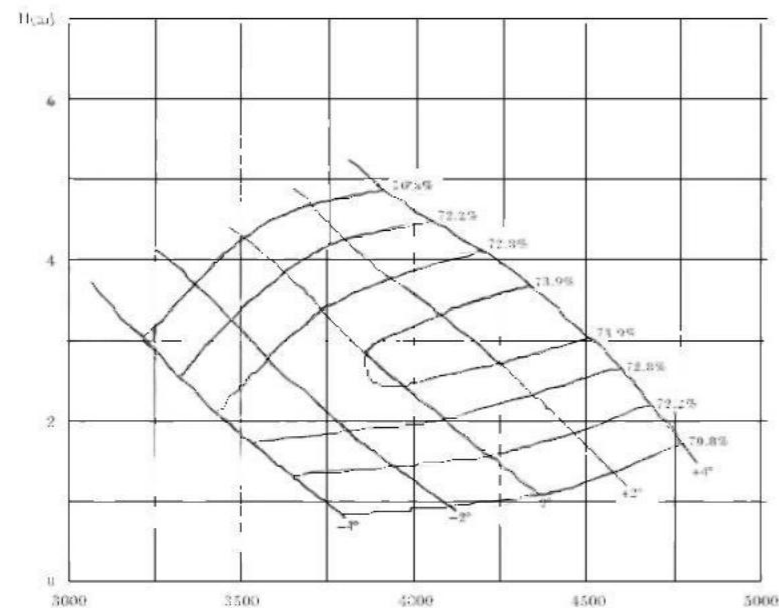
1200GSB-125 型贯流泵反向流动性能曲线图
1200GSB-125 Reverse flow type tubular pump performance curve



1200GSB-125 型贯流泵反向流动性能表
1200GSB-125 Reverse-flow type tubular pump performance tables

叶片安放角 /导叶0° Blade angle 10° guide vane	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power (kW)		叶轮直径D(mm) Impeller diameter D(mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-8	11318	3144	0.93	490	62.2	46.1	355	1120
	10130	2814	1.87		64.8	79.6		
	9209	2558	2.92		62.0	118.1		
-6°	12179	3383	1.19		63.6	62.1		
	11088	3080	2.06		65.2	95.4		
	10138	2816	3.17		63.7	137.0		
-4°	13298	3694	1.28		62.8	73.8		
	11840	3289	2.48		65.6	121.9		
	10973	3048	3.83		62.4	183.4		
-2°	14011	3982	1.43		62.2	87.7	400	
	12913	3587	2.65		65.6	142.1		
	12100	3361	4.02		63.7	208.0		
0°	15271	4242	1.62		62.1	108.5	450	
	13957	3877	2.88		65.6	166.9		
	13120	3644	4.39		62.6	250.6		

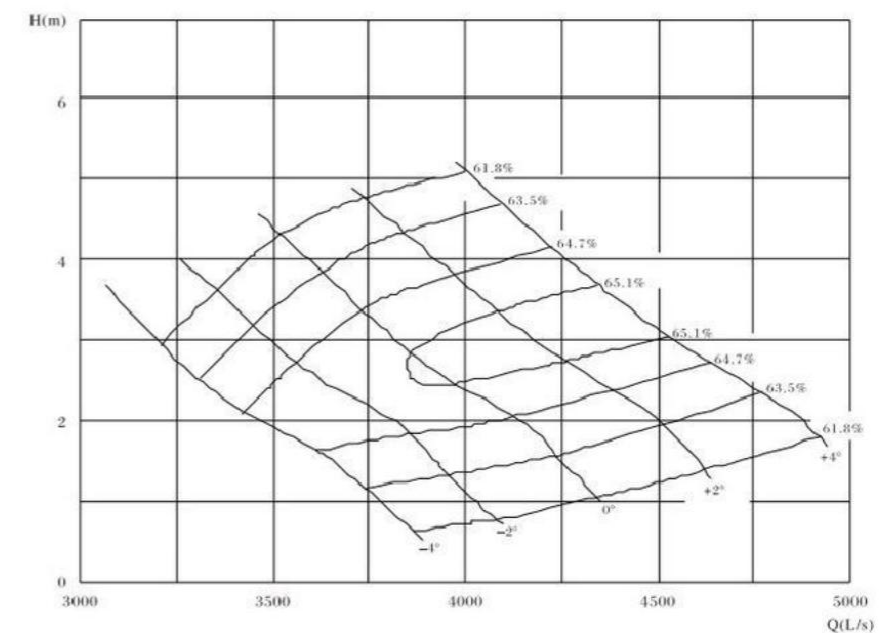
1200GSB-160 型贯流泵正向流动性能曲线图
1200GSB-160 Type tubular pump performance curve flows



1200GSB-160 型贯流泵正向流动性能表
1200GSB-160 Type tubular pump performance table flows

叶片安放角 / 导叶20° Blade angle /20° guide vane	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power (kW)		叶轮直径D(mm) Impeller diameter D(mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-4°	13024	3618	1.38	490	72.4	67.6	300	1120
	12304	3418	2.08		72.8	95.7		
	11476	3188	3.12		70.6	138.1		
-2°	14034	3899	1.53		72.3	80.9		
	13053	3626	2.54		73.2	123.3		
	12176	3382	3.62		70.9	169.3		
0°	15111	4198	1.58		72.2	90.1		
	14287	3969	2.41		73.9	126.9		
	13501	3750	3.25		72.9	163.9		
+2°	16096	4471	1.75		72.1	106.4	355	
	15078	4186	2.88		73.9	160.0		
	13877	3855	4.02		72.522	209.5		
+4°	16891	4692	2.08		72.1	132.7	400	
	15786	4385	3.43		73.9	199.5		
	14560	4050	4.44		72.2	243.8		

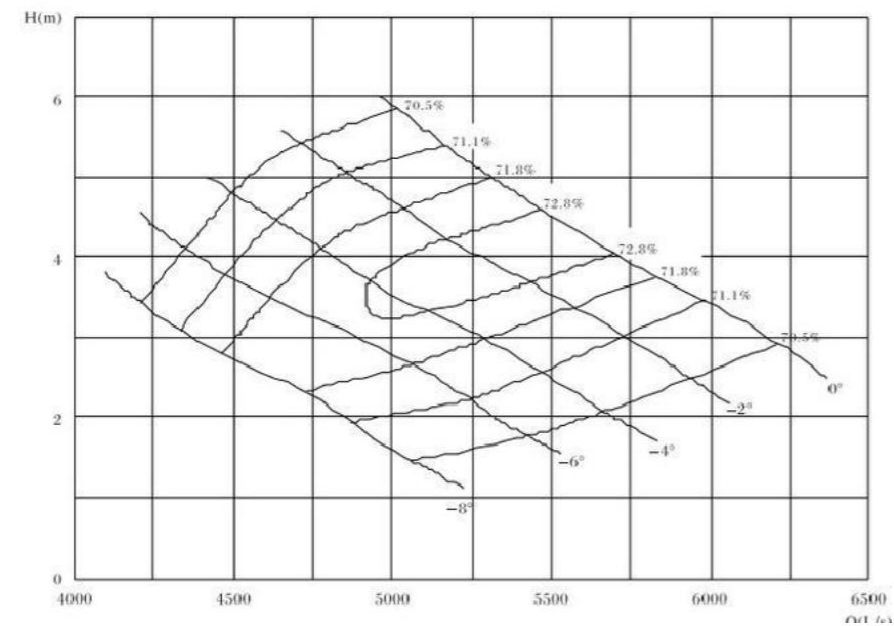
1200GSB-160 型贯流泵反向流动性能曲线图
1200GSB-160 Reverse flow type tubular pump performance curve



1200GSB-160 型贯流泵反向流动性能表
1200GSB-160 Reverse-flow type tubular pump performance tables

叶片安放角 /导叶0° Blade angle 10° guide vane	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power(kW)		叶轮直径D(mm) Impeller diameter D(mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-4°	13939	3872	0.61	490	61.7	37.5	300	1120
	13140	3650	1.50		64.5	83.3		
	11898	3305	2.53		63.5	129.1		
-2°	14233	3954	1.28		63.4	78.3.5		
	13575	3771	2.15		65.2	121.9		
	12485	3468	3.12		63.7	166.5		
0°	15281	4245	1.55		63.4	101.7	355	
	14200	3945	2.55		65.7	150.1		
	13183	3662	3.70		63.7	208.5		
+2°	16461	4572	1.69		63.2	119.9	400	
	15016	4171	3.04		65.7	189.2		
	13921	3867	4.24		63.6	252.7		
+4°	17711	4920	1.76		61.8	137.4	400	
	15877	4410	3.45		64.6	230.9		
	14641	4067	4.82		63.2	304.0		

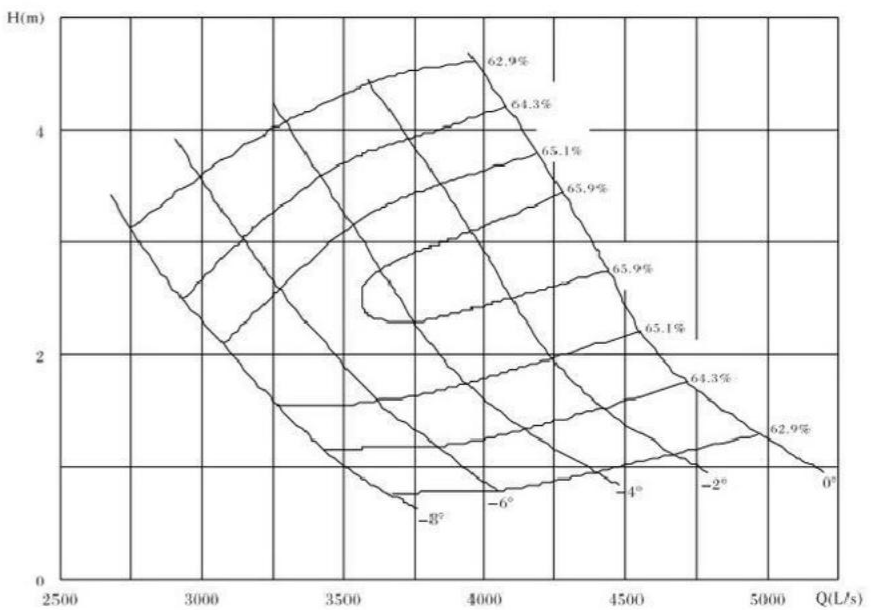
1400GSB-125 型贯流泵正向流动性能曲线图
1400GSB-125 Type tubular pump performance curve flows



1400GSB-125 型贯流泵正向流动性能表
1400GSB-125 Type tubular pump performance table flows

叶片安放角 / 导叶30° Blade angle 30° guide vane	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-8°	17862	4962	1.66	370	70.8	113.8	355	1300
	16944	4707	2.37		72.0	151.8		
	15760	4378	2.98		71.3	179.2		
-6°	18829	5230	2.36		72.0	168.0		
	17343	4817	3.11		72.4	203.2		
	16440	4567	3.57		71.6	223.2		
-4°	20024	5562	2.34		70.8	180.4		
	18593	5165	3.23		72.5	225.3		
	17156	4766	4.12		71.7	268.4		
-2°	21375	5937	2.47		70.5	204.0	450	
	18799	5222	4.12		72.8	289.6		
	17636	4899	4.89		71.3	329.4		
0°	22907	6363	2.48		70.1	220.7	550	
	19979	5550	4.32		72.8	322.5		
	18518	5144	5.46		71.0	387.8		

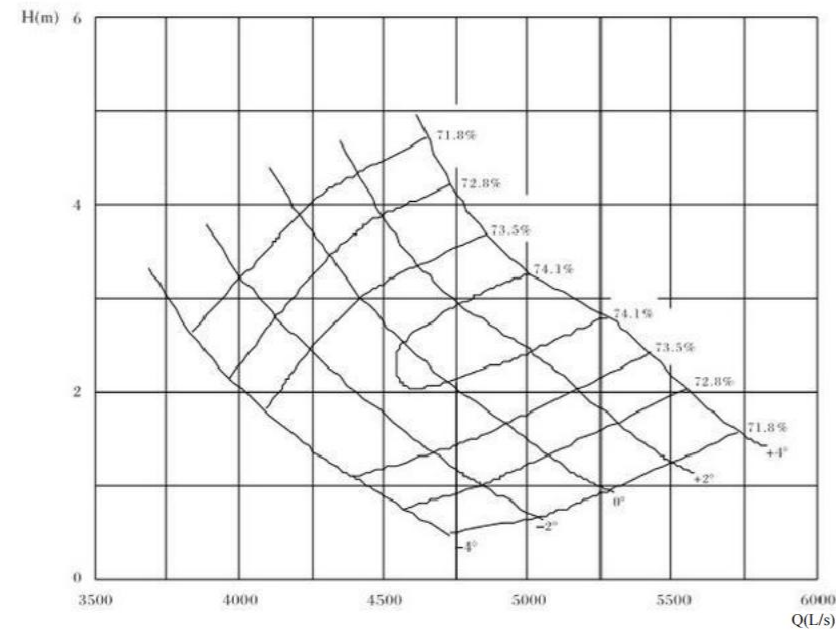
1400GSB-125 型贯流泵反向流动性能曲线图
1400GSB-125 Reverse flow type tubular pump performance curve



1400GSB-125 型贯流泵反向流动性能表
1400GSB-125 Reverse-flow type tubular pump performance tables

叶片安放角 / 导叶0° Blade angle 10° guide vane	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-8°	13205	3668	0.75	370	63.4	42.3	355	1300
	11819	3283	1.51		65.0	74.8		
	10745	2985	2.35		64.5	106.7		
-6°	14208	3947	0.96		63.6	58.5		
	12938	3594	1.66		65.2	89.5		
	11829	3286	2.55		65.1	126.1		
-4°	15513	4309	1.03		63.1	68.9		
	13815	3837	2.00		65.3	115.2		
	12802	3556	3.09		65.7	163.9		
-2°	16723	4645	1.15		62.9	83.2	450	
	15065	4185	2.14		65.9	156.6		
	14117	3921	3.23		64.1	229.4		
0°	17816	4949	1.32		63.0	101.8	550	
	16284	4523	2.32		65.9	190.4		
	15306	4252	3.53		64.0	268.1		

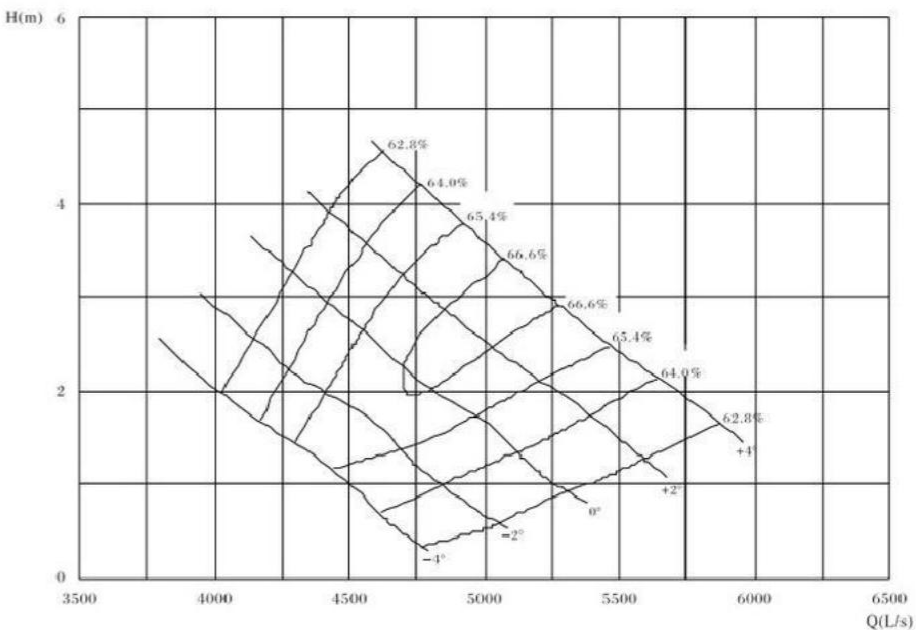
1400GSB-160 型贯流泵正向流动性能曲线图
1400GSB-160 Type tubular pump performance curve flows



1400GSB-160 型贯流泵正向流动性能表
1400GSB-160 Type tubular pump performance table flows

叶片安放角 / 导叶20° Blade angle 20° guide vane	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-4°	15856	4404	1.07	370	73.4	63.1	300	1300
	14979	4161	1.62		73.8	89.6		
	13971	3881	2.44		72.2	128.4		
-2°	17086	4746	1.19		72.7	76.3		
	15891	4414	1.98		73.8	116.2		
	14823	4117	2.82		72.7	156.7		
0°	18396	5110	1.24		72.6	85.3		
	16733	4648	2.29		74.1	140.8		
	15516	4310	3.46		72.7	201.1		
+2°	19596	5443	1.36		72.1	101.0	400	
	17708	4919	2.63		74.1	171.2		
	16045	4457	4.07		72.2	246.3		
+4°	20563	5712	1.62		71.9	126.3	450	
	18371	5103	3.09		74.1	208.6		
	16837	4677	4.54		72.2	288.3		

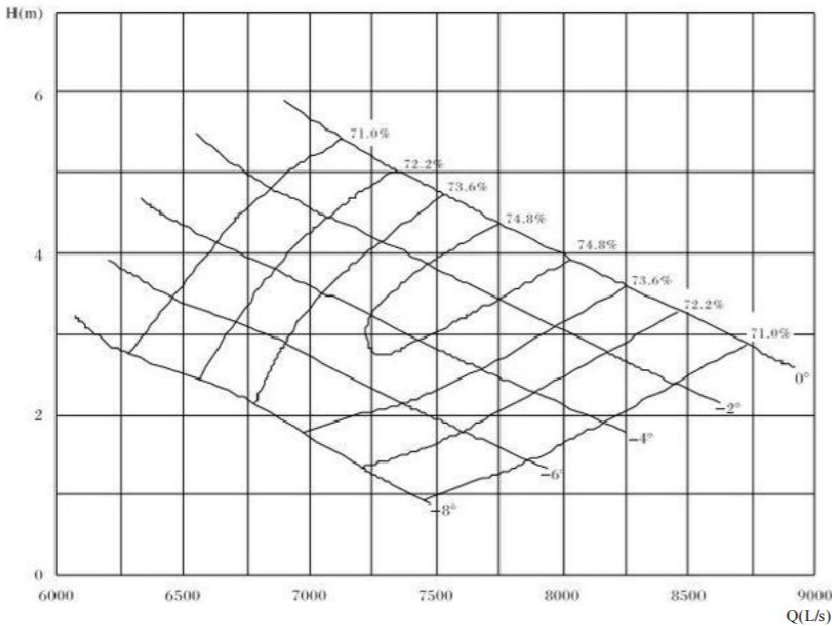
1400GSB-160 型贯流泵反向流动性能曲线图
1400GSB-160 Reverse flow type tubular pump performance curve



1400GSB-160 型贯流泵反向流动性能表
1400GSB-160 Reverse-flow type tubular pump performance tables

叶片安放角 /导叶0° Blade angle 10° guide vane	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³ /h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-4°	16970	4714	0.47	370	63.3	34.5	300	1300
	15997	4444	1.17		65.4	77.7		
	14485	4024	1.97		62.8	124.0		
-2°	17328	4813	1.00		64.1	73.3		
	16526	4591	1.67		66.0	114.1		
	15715	4365	2.07		65.2	135.7		
0°	18603	5167	1.21		63.8	96.1		
	17287	4802	1.99		66.6	140.7		
	15793	4387	3.01		63.8	202.9		
+2°	20039	5566	1.32		63.9	112.8		
	18122	5034	2.45		66.6	181.5		
	16384	4551	3.61		63.9	252.1		
+4°	20412	5670	2.08		63.8	181.7		
	18713	5198	3.10		66.6	237.2		
	17032	4731	4.28		63.9	310.7		

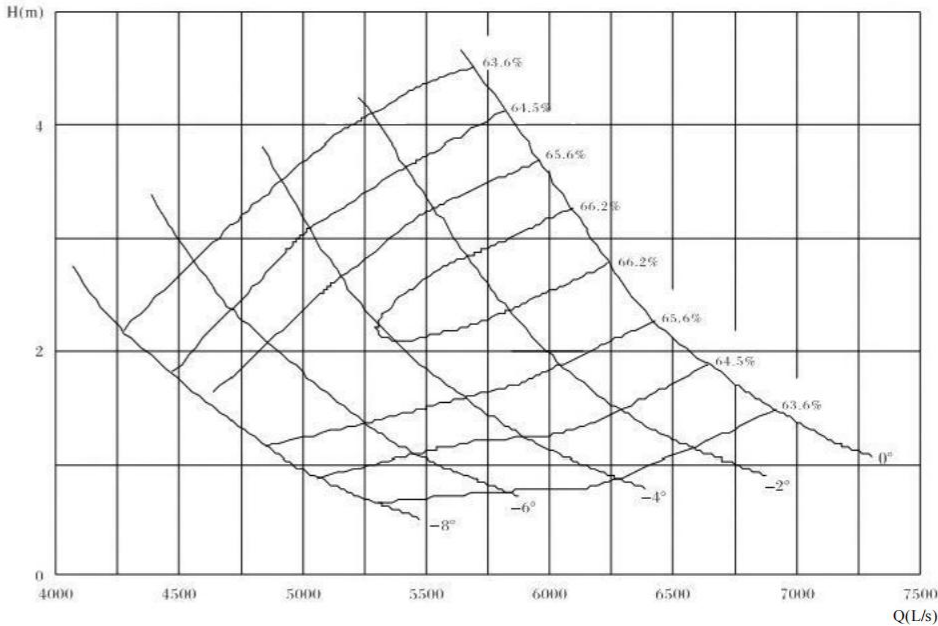
1600GSB-125 型贯流泵正向流动性能曲线图
1600GSB-125 Type tubular pump performance curve flows



1600GSB-125 型贯流泵正向流动性能表
1600GSB-125 Type tubular pump performance table flows

叶片安放角 / 导叶30° Blade angle 30° guide vane	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-8°	25517	7088	1.56	295	72.8	148.7	400	1600
	24206	6724	2.23		73.4	200.1		
	22514	6254	2.80		70.9	242.3		
-6°	26899	7472	2.22		73.2	222.2	450	
	24775	6882	2.93		73.5	269.0		
	23486	6524	3.36		71.2	301.7		
-4°	28606	7946	2.20		72.0	238.5	560	
	26561	7378	3.04		74.8	293.5		
	24509	6808	3.88		71.6	361.2		
-2°	30535	8482	2.33		70.9	272.7	710	
	26856	7460	3.88		74.6	379.9		
	25027	6952	4.67		71.6	444.5		
0°	30859	8572	3.12		71.8	364.7	800	
	28541	7928	4.06		74.8	422.0		
	25880	7189	5.31		71.5	523.4		

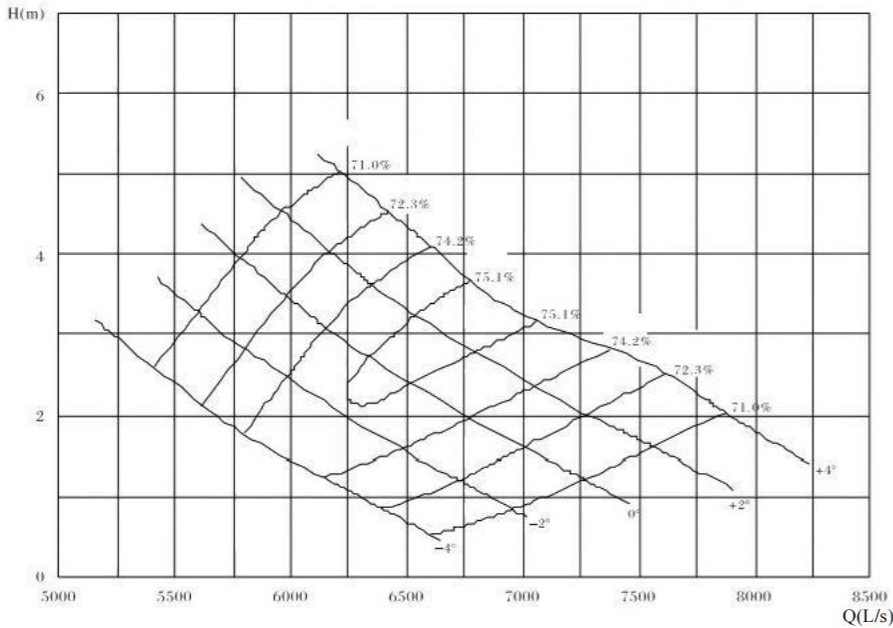
1600GSB-125 型贯流泵反向流动性能曲线图
1600GSB-125 Reverse flow type tubular pump performance curve



1600GSB-125 型贯流泵反向流动性能表
1600GSB-125 Reverse-flow type tubular pump performance tables

叶片安放角 /导叶0° Blade angle 10° guide vane	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率(kW) Power (kW)		叶轮直径D(mm) Impeller diameter D(mm)
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-8	18864	5240	0.70	295	63.7	56.6	400	1600
	16884	4690	1.42		65.7	99.4		
	15350	4264	2.21		63.5	145.6		
-6°	20297	5638	0.90		64.0	78.1	450	
	18482	5134	1.56		65.8	119.2		
	16898	4694	2.40		64.3	171.6		
-4°	22162	6156	0.97		64.1	91.2	560	
	19735	5482	1.88		66.0	153.2		
	18288	5080	2.91		65.1	222.3		
-2°	23890	6636	1.08		63.5	110.8	710	
	21521	5978	2.01		65.7	179.3		
	20167	5602	3.04		65.9	253.6		
0°	24235	6732	1.68		63.7	174.1	800	
	21866	6074	3.33		66.1	299.6		
	20534	5704	4.48		60.0	417.5		

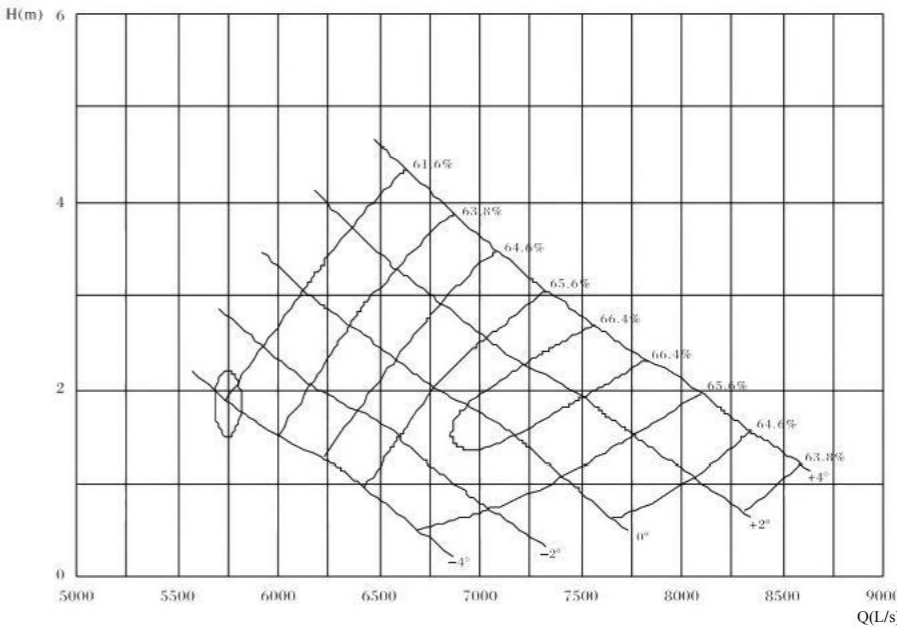
1600GSB-160 型贯流泵正向流动性能曲线图
1600GSB-160 Type tubular pump performance curve flows



1600GSB-160 型贯流泵正向流动性能表
1600GSB-160 Type tubular pump performance table flows

叶片安放角 / 导叶20° Blade angle 20° guide vane	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)	
	m³/h	L/s				轴功率 Shaft power	电机功率 Motor Power		
-4°	22651	6292	1.01	295	72.7	85.6	355	1600	
	21398	5944	1.53		74.6	119.2			
	19958	5544	2.29		71.8	173.6			
-2°	24408	6780	1.12		72.4	103.0			450
	22702	6306	1.86		74.8	154.1			
	21175	5882	2.66		73.7	207.8			
0°	26280	7300	1.16		70.8	117.5	560		
	23479	6522	2.38		75.1	202.8			
	21430	5953	3.56		72.1	288.2			
+2°	26208	7280	2.12		72.3	208.8	630		
	24134	6704	2.95		75.1	257.9			
	21913	6087	4.23		71.8	351.6			
+4°	27454	7626	2.52		72.2	260.8			
	25322	7034	3.26		75.1	299.5			
	23188	6441	4.50		72.4	392.5			

1600GSB-160 型贯流泵反向流动性能曲线图
1600GSB-160 Reverse flow type tubular pump performance curve



1600GSB-160 型贯流泵反向流动性能表
1600GSB-160 Reverse-flow type tubular pump performance tables

叶片安放角 /导叶0° Blade angle 10° guide vane	流量Q FlowQ		扬程m Lift m	转速r/min Speed r/min	效率% Efficiency %	功率 (kW) Power (kW)		叶轮直径D (mm) Impeller diameter D (mm)
	m³ /h	L/s				轴功率 Shaft power	电机功率 Motor Power	
-4°	24242	6734	0.44	295	65.4	44.6	355	1600
	22853	6348	1.09		65.1	104.5		
	20693	5748	1.85		61.7	168.8		
-2°	24754	6876	0.93		65.2	96.4		
	23609	6558	1.57		65.4	154.1		
	22450	6236	1.94		64.1	184.7		
0°	26575	7382	1.13		65.7	124.8	450	
	25510	7086	1.64		66.4	171.5		
	23069	6408	2.70		64.0	265.0		
+2°	28627	7952	1.24		64.8	148.9	560	
	26114	7254	2.22		66.4	237.6		
	24019	6672	3.13		64.2	318.9		
+4°	30802	8556	1.29		64.1	168.3	630	
	27612	7670	2.52		66.4	285.8		
	24772	6881	3.86		63.9	407.5		



○Water Conservancy Project

Three Gorges Project on the Yangtze River
Fuzhou Min jiang River Downstream Flood Control Project
Nanning Yongjiang River Flood Control Levee Project
Changsha Dong'anyuan Dyke Project & Changsha Jiefangyuan Regulation Project
Jiujiang Flood Control Project
Huangmei Water Conservancy Project
Liuzhou Flood Control Project
Hubei Qingjiang Gaobazhou Project
Shashi District Water Conservancy Project, Jingzhou City
Putian Mulanpi Drought and Flood Emergency Project
Luhun Reservoir Hub Project
Anhui Huaihe River Basin Regulation Project
Hunan Yiyang Zihongzhou Electric Pumping Station
Zhongxiang Baitudimiao Electric Pumping Station
Chongqing Wulong Hydropower Station
Sichuan Daxing Hydropower Station
Sichuan Gaofengshan Hydropower Station
Xuzhou Water Conservancy Section Pump Station
Nanjing Xingang No.1 and No.2 Pump Stations
Nanjing Xinghui Pump Station
Shenzhen Xixiang Sanwei Village Flood Control Pump Station
Chifeng Baoshan District No.2 Pump Station
Daye Hongqi Pump Station
Hefei Hejing District Taozhi Road Pump Station
Changsha Yen Loan Project
Shenzhen-Hong Kong Water Authority
Beijing Fangshan District Water Conservancy Bureau

○Public Works

Jiangxi Province County (City) Sewage Treatment Facility Construction Project
Xi'an Sewage Treatment Plant
Lijiang Sewage Treatment Plant
Chongqing Beibei Sewage Treatment Plant
Guangzhou Economic Development Zone Sewage Treatment Plant
Shanghai Baoshan Jiangyang Sewage Treatment Plant
Liaoning Chaoyang Shijiahe Sewage Treatment Plant
Chengdu Sanwayao Sewage Treatment Plant
Wenzhou Bishui Zhige Sewage Treatment Plant
Beier Hailar District Sewage Treatment Plant
Shanxi Jincheng Zhenyuan Sewage Treatment Plant
Jining Water Supply Group Corporation
Nanjing Cangbomen Area Drainage Project
Nanjing Pukou New Town Pump Station Project
Shenzhen Meilin Water Plant
Hunan Hengyang Yanwuping Water Plant
Shanghai Waterworks Company
Guangzhou Waterworks Company
Shenzhen Water Supply and Drainage Company
Kunming Urban Drainage Company
Jilin City Sewage Treatment Co., Ltd.
Hangzhou Xiaoshan Drainage Group
Mianyang Tanmatou Pump Station
Shijiazhuang Zhengding New District Pump Station
Shenyang Hunnan New District No.2 and No.3 Stormwater Pump Stations
Panjin Liaobin Coastal Economic Development Zone Stormwater and Sewage Pump Stations
Chongqing Kangda Environmental Protection Industry Group
Sound Group
Bewater Environment

○Power System

Daya Bay Nuclear Power Plant
Gezhouba Power Plant
Tianjin Guohua Panshan Power Plant
Zhejiang Beilun Port Power Plant
Inner Mongolia Dalate Power Plant
Shanghai Wujing Power Plant
Shenyang Huanggu Thermal Power Plant
Huangshi Power Plant
Huaneng Chongqing Luhuang Power Plant
Shenhua Group 2×13.5MW Power Plant
Yuhuan Huaneng Power Plant
Suzhou Suzhen Thermal Power Co., Ltd.
Qinshan Nuclear Power Company
Kaifeng 5000V Substation

○Metallurgical Mine

Wuhan Iron and Steel Company
Chongqing Iron and Steel Group
Liaoning Ansteel Group Corporation
Shanghai Baosteel Group Corporation
Anhui Maanshan Iron and Steel Group
Datong Mining Bureau
Xuzhou Mining Bureau
Jixi Mining Bureau
Yanzhou Mining Bureau
Pingdingshan Mining Bureau
Shuozhou Mining Bureau
Shaanxi Coal and Chemical Industry Group Co., Ltd.

○Construction Engineering

Chairman Mao Memorial Hall
China Millennium Monument
China Foreign Ministry Building
Shanghai Oriental Pearl Radio & TV Tower
Shanghai Grand Theatre
Shanghai Municipal Government Building
Shanghai MetroCity Plaza
Beijing Henderson Center
Peking Union Medical College Hospital (PUMCH)
China-Japan Friendship Hospital (Beijing)
The Great Wall Sheraton Hotel Beijing
Jinling Hotel Nanjing
Guangzhou Mayor Building
Grandview Mall (Tianhe District, Guangzhou)
Qingdao New Municipal Government Complex
Guiyang People's Square
Guangxi Zhuang Autonomous Region People's Congress Hall
Shijiazhuang East City Plaza
Chongqing Times Square
Tianjin Goldin 117 Project
Wenzhou Celebrity Garden
SOHO China Limited
Poly Real Estate (Group) Co., Ltd.
China Overseas Land & Investment Ltd. (COLI)
Beijing Guohua Real Estate Co., Ltd.

○Petrochemical industry

Sinopec Yangzi Petrochemical Company
BASF Petrochemicals
Sinopec Jinling Petrochemical Corporation
Shanghai Jinshan Petrochemical Complex
Jilin Petrochemical Company
Sinopec Qilu Petrochemical Company
Sinopec Tianjin Petrochemical Company
Liaoyang Petrochemical Company
Daqing Oilfield
Jiangnan Oilfield
Dagang Oilfield
Zhongyuan Oilfield
Beifang Huajin Chemical Industry Co., Ltd.
Nanning Chemical Co., Ltd.
Huahua Petroleum Bureau
Nanjing Chemical Industry Park

○Engineering general contractor

Anda Sewage Treatment Plant, Anda City, Heilongjiang Province
Southern Sewage Treatment Plant, Lingang Industrial Zone of Changxing Island, Dalian
Linxian Sewage Treatment Plant, Lin County, Shanxi Province
Hantai Town Sewage Treatment Plant, Dongsheng District, Ordos City, Inner Mongolia Autonomous Region
Jiayin County Sewage Treatment Plant, Jiayin County, Heilongjiang Province
Zeguo Sewage Treatment Plant, Wenling City, Zhejiang Province
Northern Sewage Plant, Dongying Port Development Zone, Shandong Province

○Other enterprises

Lucky Film Group Corporation Dalian International Cooperation Co., Ltd
Chongqing Lifan Group
Hunan Yueyang Paper Mill
Hunan University
Coca-Cola Chongqing Branch
Henan Wanxi Pharmaceutical Group
Dalian ShuangD Port Technology Development Center
Mudanjiang Hengfeng Paper Company
Shiyao Group
Northeast Pharmaceutical Group Co., Ltd