



QZ(H)系列 潜水轴流泵、混流泵

QZ(H) Series Submersible Axial Pump & Mixed Flow Pump



亚太泵阀有限公司
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2019
2019 Ver.

Company profile

YATAI PUMP&VALVE CO., LTD. is a national high-tech enterprise specialized in the research, development and production of various types of water pumps, environmental protection equipment, mobile pump stations, integrated pump stations, fire-fighting pump trucks and remote control systems. It also provides a full range of services in pump station and environmental protection engineering design, product development, equipment installation and system operation. It has various qualifications including Grade II specialized contracting for mechanical and electrical installation engineering, Grade III general contracting for mechanical and electrical engineering construction, Grade III general contracting for utilities engineering construction, Grade III specialized contracting for environmental protection engineering, and Grade A qualification for environmental protection design.

Adhering to the business strategy of innovation driving and industry convergence, the company has comprehensively promoted its high-quality development. It has successively won a number of national honorary titles such as national green factory, national IP dominant enterprise, China's industry-university-research cooperation innovation demonstration enterprise, national contract-abiding and credit-worthy enterprise, waste submersible motor-pump technology supporting unit, national outstanding enterprise in water conservancy system, and China's top 100 backbone enterprises in environmental protection industry. The YATAI brand has been recognized as China famous brand, with its comprehensive strength being continuously strengthened.

In recent years, the company has successively developed 23 series of more than 2,000 varieties of water pump products and 6 series of 38 varieties of complete sets of sewage treatment equipment in line with national industrial policies. At present, large high-pressure submersible electric pumps, large submersible axial-flow pumps, new flood control and emergency pumps, mobile pump stations, FRP prefabricated pump stations, submersible push-flow mixers, buoy aerators, and fire-fighting pump trucks have become the leading products of the company, obtaining 66 patent authorizations and more than 200 scientific and technological achievements, with the product category being increasingly developed.

The company vigorously promotes the development idea of quality-based brand building and brand-based market expanding, and comprehensively implements management systems such as quality, measurement, environment, OHS, enterprise credit, energy management, after-sales service and intellectual property rights. The leading product, waste submersible motor pump, has been recognized as a famous brand product in Jiangsu Province. The company has been rated as AAA quality credit enterprise, AAAA enterprise with good practice on standardization, AAA measurement management system enterprise, five-star after-sales service unit, and provincial enterprise credit management standard implementation qualified enterprise, which has made its market reputation steadily improved.

The company has set up research and development institutions such as national postdoctoral research station, Jiangsu high-power submersible motor-pump engineering technology research center, Jiangsu extra-large submersible motor-pump and pumping station system engineering research center, Jiangsu enterprise technology center, and Taizhou high-pressure low-speed submersible mixed-flow pump key laboratory, making it an important carrier of scientific and technological research and talent cultivation, with which the platform's advantages are strongly demonstrated.

The company has undertaken more than 10 national and provincial torch programs, national key new product programs and major scientific and technological achievements transformation projects in Jiangsu. Portable intelligent heavy-duty flood control and emergency submersible pumps are listed in the national industrial energy-saving technology and equipment key recommended product catalogue, and waste submersible motor-pumps are listed in China's Energy-Efficiency Star catalogue. The independently developed high-power submersible pump series products have successively won one national science & technology progress award (second class), 13 provincial and ministerial science and technology awards, 2 gold medals for outstanding new products in Jiangsu, and 2 new products have been recognized as the first major equipment and key components in Jiangsu. The company has been recognized as science and technology small giant enterprise in Jiangsu Province, an innovative enterprise in Jiangsu Province, a demonstration enterprise for innovation capability construction in Jiangsu Province, and a demonstration enterprise for the integration of informatization and industrialization in Jiangsu Province,

董事长致辞



Chairman's speech

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2d_/_l_rml_ i epccl d_ ampw W2R2GNSKN\$T?JTC AM: JRB_ f_ q_ l_ w_ r_ i_ cl_ rfe
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W2R2GNSKN\$T?JTC j f_ f_ ecal rfe ml_`jw nms ml u\_rcp`_k_ q_ nms f_ f_ ecal_`jw nms ml u_rcp
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Secretary of Party Committee and Chairman

Outstanding Private Entrepreneur in Jiangsu

Outstanding Entrepreneur in Jiangsu Machinery Industry

Outstanding Entrepreneur in Jiangsu Environmental Protection Industry

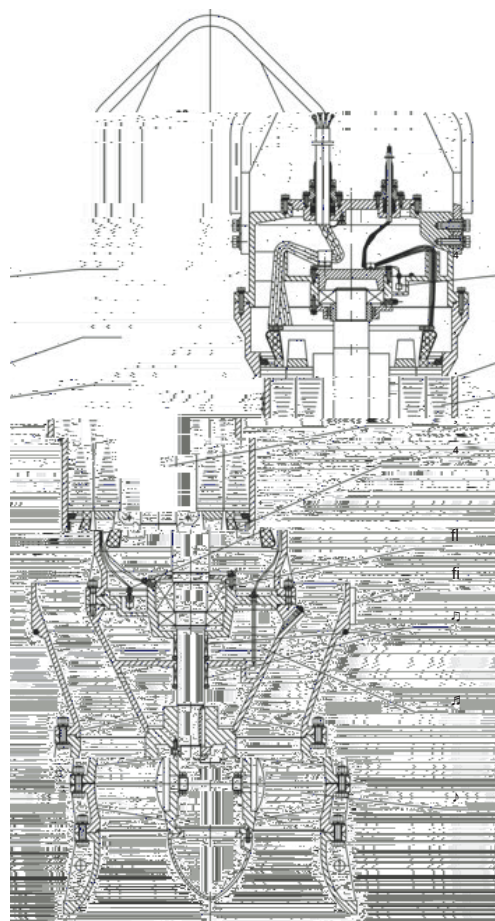
Science and Technology Entrepreneur in Jiangsu

Vice Chairman of Jiangsu Association of Industry and Commerce

Chang Lei



Design description



QZ

Structural drawing of QZ submersible axial pump

1
Impeller

nD

The impeller is converted by the most advanced hydraulic model, and it has excellent, stable and mature performance. A small nD value is selected to ensure good cavitation resistance and smooth operation.

2
Shaft seal

Two sets of independent mechanical seals isolate the motor from the pump seal. Installation in series up and down provides multiple insurances and improves reliability.

3
Oil chamber

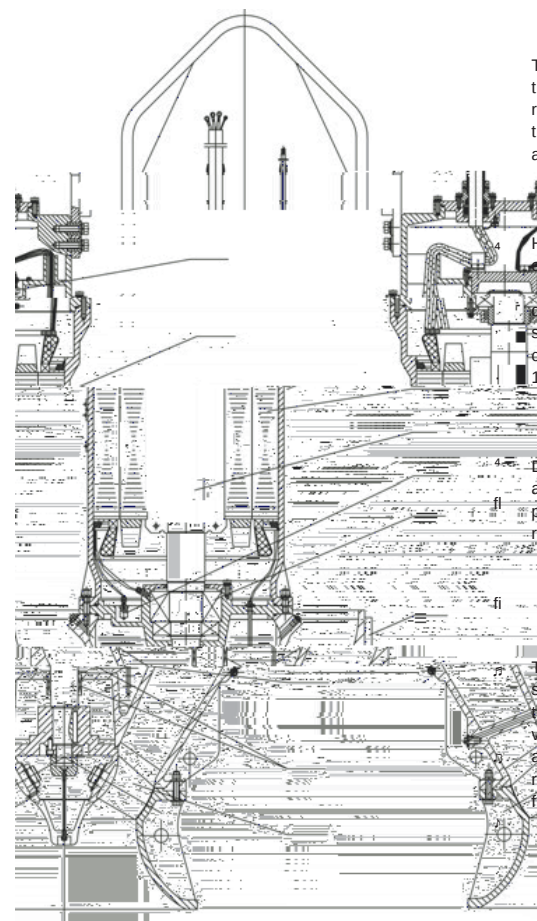
Oil lubricates and cools the seal to isolate the motor from the medium being transported. The reserved volume can slow down the pressure rise in the oil chamber.

4
Anti-rotating device

At the moment of starting the unit, the reaction torque of the starting torque of the motor often makes the whole unit rotate in the opposite direction. The anti-rotating device can solve this problem.

5
Bearing

The bearing adopts rolling bearing, which can bear all axial and radial loads and is completely separated from the medium delivered by the pump.



QH

Structural drawing of QH submersible mixed flow pump

6 /
Pump/motor shaft

The pump is coaxial with the motor for compact structure and shortened shaft extension. This design can reduce the deflection and vibration during the operation, so as to guarantee a longer service life of seal and bearing.

7
Motor

High-performance squirrel cage induction motor is specially

GB755

designed and manufactured in accordance with GB755 standard. The pump is designed with an insulation class F. The highest working temperature can reach

135
F

380V 660V 3kV 6kV 10kV

VPI

Depending on the power, 380V, 660V, 3kV, 6kV, 10kV and other voltage levels can be used. VPI insulation process is used twice for high-voltage motors to ensure reliable insulation.

8
Cooling

The motor casing directly transfers heat to the surrounding medium, and the heat is carried away by the surrounding water flow. Large-power high-medium voltage motor adopts patented technology of internal air duct heat dissipation, which makes the temperature rise of three-phase winding low and the temperature field evenly distributed.

9
Monitoring device

The submersible pump is equipped with multiple protection devices, which can lead the lead to the electric cabinet. The protection devices include overload protection, open-phase protection, leakage protection, over-temperature protection, humidity protection, and immersion protection (varied according to the pump structure).

500QZ-130G

	(m³/h)	l/s	(m)	(r/min)			(kg)	%	(mm)
-4°	1368.0	380.0	9.4		50.0			70.0	
	1760.0	488.9	7.0		42.1			79.6	
	2060.0	572.2	4.3		30.7			78.5	
-2°	1720.0	477.8	8.2		51.5			74.5	
	2010.0	558.3	6.4		43.7			80.0	
	2250.0	625.0	4.9		40.8			73.5	
0°	2099.0	583.1	7.0		50.1			79.8	
	2160.0	600.0	6.3		45.6			81.2	
+2°	2510.0	697.2	3.9		34.6			77.0	
	2340.0	650.0	6.6		51.5			81.5	
	2560.0	711.1	5.5		46.7			82.0	
+4°	2660.0	738.9	4.6		40.8			81.5	
	2520.0	700.0	6.2		51.8			82.1	
	2592.0	720.0	6.0		51.0			83.0	
	2844.0	790.0	4.7		45.9			76.0	

[illegible]

500QZ-100G

	(m³/h)	l/s	(m)	(r/min)			(kg)	%	(mm)
-6°	1883.7	523.3	5.3	980	34.8	45	850	78.8	450
	2052.0	570.0	4.1		28.4			80.8	
	2211.1	614.2	3.3		25.1			78.8	
2000.6	555.7	6.0	41.2		78.8				
2298.2	638.4	4.2	32.2		81.9				
2509.8	697.2	3.0	25.8		78.8				
-4°	2140.5	594.6	6.3		46.3	78.8			
	2503.4	695.4	4.3		35.6	82.5			
	2731.9	758.9	3.0		28.1	78.8			
-2°	2293.2	637.0	6.4		50.5	78.8			
	2708.6	752.4	4.3		38.4	82.8			
	2928.2	813.4	3.0		30.1	78.8			
0°	2503.9	695.5	6.5	56.0	78.8				
	2872.8	798.0	4.5	42.4	83.3				
	3101.0	861.4	3.3	35.2	78.8				
+2°	2736.9	760.3	6.3	58.3	75	900	78.8		
	3078.0	855.0	4.5	45.6			83.0		
	3265.4	907.1	3.6	40.6			78.8		

	(m³/h)	l/s	(m)	(r/min)		(kg)	%	(mm)
-4°	1971.7	547.7	5.3		36.8	45	860	77.9
	2547.2	707.6	3.0		25.0		82.7	
	2730.1	758.4	2.2		20.6		77.9	
-2°	2199.3	610.9	5.3		41.0	55	900	77.9
	2738.6	760.7	3.2		28.8		82.4	
	2965.8	823.8	2.3		23.4		77.9	
0°	2428.6	674.6	5.2		44.4	980	900	77.9
	2920.1	811.1	3.3	980	31.9			82.0
	3171.3	880.9	2.3		25.0			77.9
+2°	2763.9	767.7	4.9		47.6	75	950	77.9
	3146.0	873.9	3.5		36.8			81.2
	3387.1	940.8	2.6		30.4			77.9
+4°	3043.8	845.5	4.9		52.4	75	950	77.9
	3367.7	935.5	3.6		41.0			80.4
	3566.6	990.7	2.9		35.8			77.9

500QZ-130D

H(m)

Q(l/s)

	(m³/h)	l/s	(m)	(r/min)		(kg)	%	(mm)
-4°	1488.5	413.5	3.0		16.1		76.7	
	1923.0	534.2	1.7		10.9	18.5	81.5	
	2061.1	572.5	1.2		9.0		76.7	
-2°	1660.4	461.2	3.0		17.9		76.7	
	2067.4	574.3	1.8		12.6		81.2	
	2238.9	621.9	1.3		10.2		78.7	
0°	1833.4	509.3	3.0		19.4	22	76.7	
	2204.5	612.4	1.9		13.9		80.8	
	2394.1	665.0	1.3		10.9		76.7	
+2°	2086.5	579.6	2.8		20.8		76.7	
	2375.0	659.7	2.0		16.1		80.0	
	2557.0	710.3	1.5		13.3	30	76.7	
+4°	2297.8	638.3	2.8		22.9		76.7	
	2542.4	706.2	2.1		17.9		79.2	
	2692.5	747.9	1.6		15.7		767	

600QZ-100

	(m³/h)	l/s	(m)	(r/min)		(kg)	%	(mm)
-6°	2598.4	721.8	4.6		40.5		79.4	
	2830.5	786.3	3.5		33.1	45	81.4	
	3050.0	847.2	2.8		29.3		79.4	
-4°	2758.5	766.2	5.1		48.0		79.4	
	3170.2	880.6	3.6		37.5	55	82.5	
	3462.0	961.7	2.5		30.1		79.4	
-2°	2952.5	820.1	5.3		54.0		79.4	
	3453.2	959.2	3.7		41.5		83.1	
	3768.3	1046.8	2.5		32.8		79.4	
0°	3163.2	878.7	5.4		58.8		79.4	
	3736.3	1037.9	3.7		44.8		83.4	
	4039.2	1122.0	2.5		35.1		79.4	
+2°	3453.8	959.4	5.5		65.2	75	79.4	
	3962.7	1100.8	3.9		49.5		83.9	
	4277.5	1188.2	2.8		41.0		79.4	
+4°	3775.3	1048.7	5.3		67.9		79.4	
	4245.8	1179.4	3.9		53.2		83.6	
	4504.3	1251.2	3.1		47.3		79.4	

600QZ-70

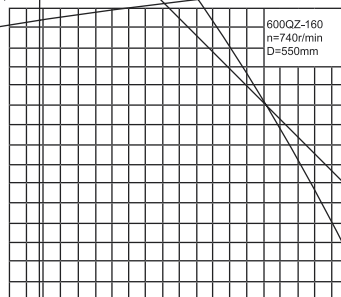
	(m³/h)	l/s	(m)	(r/min)		(kg)	%	(mm)
-4°	1886.5	524.0	8.0		58.5		70.3	
	2427.0	674.2	6.0		49.3		79.9	
	2840.7	789.1	3.7		35.9		78.8	
-2°	2371.9	658.9	7.0		60.3		74.8	
	2771.8	769.9	5.5		51.2		80.3	
	3102.8	861.9	4.2		47.7		73.8	
0°	2894.5	804.0	6.0		58.6		80.1	
	2978.6	827.4	5.4		53.4	75	81.5	
	3461.3	961.5	3.3		40.5		77.3	
+2°	3226.9	896.4	5.6		60.3		81.8	
	3530.2	980.6	4.7		54.7		82.3	
	3668.1	1018.9	3.9		47.8		81.8	
+4°	3475.1	965.3	5.3		53.7		82.4	
	3574.4	992.9	5.1		60.6		83.3	
	3921.9	1089.4	4.0		59.7		79.5	

600QZ-130

	(m³/h)	l/s	(m)	(r/min)		(kg)	%	(mm)
-4°	2718.5	755.1	4.6		42.9		78.5	
	3512.0	975.6	2.5		29.1		83.3	
	3764.3	1045.6	1.8		24.0	55	78.5	
-2°	3032.4	842.3	4.6		47.8		78.5	
	3775.9	1048.9	2.7		33.6		83.0	
	4089.1	1135.9	1.9		27.3		78.5	
0°	3348.5	930.1	4.5		51.8		78.5	
	4026.2	1118.4	2.8		37.1		82.6	
	4372.5	1214.6	1.9		29.2		78.5	
+2°	3710.8	1058.6	4.2		55.5		78.5	
	4337.6	1204.9	3.0		42.9	75	81.8	
	4670.0	1297.2	2.2		35.4		78.5	
+4°	4196.7	1165.7	4.2		61.1		78.5	
	4643.3	1289.8	3.1		47.8		81.0	
	4917.5	1366.0	2.5		41.7		78.5	

600QZ-160

H(m)



600QZ-160
n=740r/min
D=550mm

Q(l/s)

	(m³/h)	l/s	(m)	(r/min)		(kg)	%	(mm)
-6°	3072.5	853.5	3.0	32.4	37	1380	78.1	550
	3508.4	947.6	2.2	25.4			82.0	
	3832.5	1064.6	1.5	20.2			78.1	
-2°	3629.2	1008.1	2.9	37.2	45	1420	78.1	550
	4074.3	1131.8	2.2	29.8			81.2	
	4331.5	1203.2	1.6	24.1			78.1	
0°	4215.0	1170.8	2.8	40.7	45	1420	78.1	550
	4549.6	1263.8	2.4	36.4			79.9	
	4799.8	1333.3	1.8	30.9			78.1	

700QZ-70D

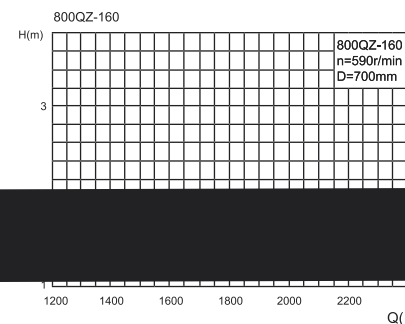
	(m³/h)	l/s	(m)	(r/min)		(kg)	%	(mm)
-6°	3213.5	892.6	5.3	58.9	75	2250	78.3	600
	3600.8	1000.2	4.5	53.6			81.3	
	3859.1	1072.0	3.7	48.2			80.3	
-4°	3351.2	930.9	5.3	61.3	90	2360	79.5	600
	3773.0	1048.1	4.5	56.3			82.3	
	4068.5	1130.1	3.8	51.1			81.2	
-2°	3500.4	972.3	5.5	65.3	90	2360	79.8	600
	3902.1	1083.9	4.8	62.3			82.3	
	4303.8	1195.5	3.8	55.6			80.3	
0°	3701.3	1028.1	5.5	68.9	90	2360	80.8	600
	4160.3	1155.7	4.8	65.7			83.3	
	4533.3	1259.3	3.9	59.2			80.8	
+2°	3844.7	1068.0	5.6	73.3	90	2360	79.8	600
	4289.5	1191.5	4.9	68.6			83.3	
	4748.5	1319.0	3.8	61.4			80.3	
+4°	3988.2	1107.8	5.9	78.2	132	2580	81.2	600
	4389.9	1219.4	5.4	77.5			83.3	
	5021.1	1394.8	3.9	67.1			80.3	

700QZ-70G

	(m³/h)	l/s	(m)	(r/min)		(kg)	%	(mm)
-6°	4032.0	1120.0	8.3	115.2	160	2350	79.0	600
	4518.0	1255.0	7.0	104.9			82.0	
	4842.0	1345.0	5.8	94.3			81.0	
-4°	4204.8	1168.0	8.4	119.8	160	2350	80.2	600
	4784.0	1315.0	7.1	110.1			83.0	
	5104.8	1418.0	5.9	100.0			81.9	
-2°	4392.0	1220.0	8.6	127.6	160	2350	80.5	600
	4896.0	1360.0	7.6	121.9			83.0	
	5400.0	1500.0	6.0	108.8			81.0	
0°	4644.0	1290.0	8.7	134.8	160	2350	81.5	600
	5220.0	1450.0	7.6	128.5			84.0	
	5688.0	1580.0	6.1	115.8			81.5	
+2°	4824.0	1340.0	8.8	143.4	185	2430	80.5	600
	5382.0	1495.0	7.7	134.2			84.0	
	5958.0	1655.0	6.0	120.0			81.0	
+4°	5004.0	1390.0	9.2	152.9	185	2430	81.9	600
	5508.0	1530.0	8.5	151.6			84.0	
	6300.0	1750.0	6.2	131.2			81.0	

700QZ-100

	(m³/h)	l/s	(m)	(r/min)		(kg)	%	(mm)
-6°	3373.4	937.0	5.4	62.1	75	2050	80.1	600
	3674.7	1020.8	4.2	56.7			82.1	
	3959.7	1099.9	3.3	44.8			80.1	
-4°	3581.2	994.8	6.0	73.5	90	2180	80.1	600
	4115.7	1143.2	4.3	57.5			83.2	
	4494.6	1248.5	3.0	46.1			80.1	
-2°	3833.1	1064.8	6.4	82.7	110	2350	80.1	600
	4483.1	1245.3	4.4	63.7			83.8	
	4892.3	1359.0	3.0	50.2			80.1	
0°	4106.7	1140.7	6.5	90.1	132	2580	80.1	600
	4850.6	1347.4	4.4	68.7			84.1	
	5243.9	1456.6	3.0	53.8			80.1	
+2°	4484.0	1245.5	6.6	100.0	132	2580	80.1	600
	5144.6	1429.1	4.6	75.8			84.6	
	5553.3	1542.6	3.3	62.9			80.1	
+4°	4901.2	1361.5	6.3	104.1	132	2580	80.1	600
	5512.1	1531.1	4.6	81.5			84.3	
	5847.7	1624.4	3.6	72.4			80.1	



800QZ-160

	(m³/h)	l/s	(m)	(r/min)		(kg)	%	(mm)
-2°	5051.6	1403.2	3.1	54.4			78.7	
	5768.4	1602.3	2.2	42.7			82.6	
	6301.3	1750.4	1.6	33.9			78.7	
	5967.0	1657.5	3.0	62.4			78.7	
+2°	7480.3	2077.9	2.4	61.2			80.5	
	7891.6	2192.1	1.9	51.9			78.7	

	(m³/h)	l/s	(m)	(r/min)		(kg)	%	(mm)
-6°	8266.7	2296.3	4.0	112.1		4860	79.3	
	7720.0	2144.5	5.8	147.8	200		81.9	
	6864.9	1906.9	7.7	174.1			82.4	
	6315.8	1754.4	8.5	183.6			79.3	
-4°	8821.6	2450.4	4.1	123.1			79.3	
	8192.3	2275.6	5.8	156.8			81.9	
	7311.5	2031.0	7.6	181.0			83.2	
	6498.6	1805.2	8.8	196.5	220	5100	79.3	
-2°	9274.0	2576.1	4.2	133.0			79.3	
	8672.7	2409.1	5.8	166.2			81.9	
	7466.2	2073.9	8.1	198.6			83.2	
	6682.2	1856.2	9.2	209.8			79.3	
0°	9719.7	2699.9	4.4	146.9	590		79.3	
	9199.5	2555.4	5.8	177.5			81.4	
	8336.2	2315.6	7.7	207.7			83.8	
	6870.7	1908.5	9.4	221.1	250	5620	79.6	
+2°	10051.4	2792.0	4.6	159.7			79.3	
	8693.4	2414.8	7.6	213.4			82.9	
	8048.4	2235.7	8.5	221.1			83.9	
	7013.8	1948.3	9.5	228.4			79.3	
+4°	10577.3	2938.1	5.0	171.7			79.3	
	9318.6	2588.5	7.9	228.7			83.3	
	8495.8	2359.9	8.9	245.3	280	6130	83.9	
	7397.6	2054.9	9.8	249.4			79.3	

900QZ-70D

900QZ-70D											
H(m)											
		(m³/h)	l/s	(m)	(r/min)				(kg)	%	(mm)
Q(l/s)	-6°	9996	2776.7	3.5	490	119.0	220	6100	80.0		
		9335	2593.1	5.1		156.8			82.6		
		8301	2305.8	6.8		184.8			83.1		
	-4°	7637	2121.4	7.5		194.7	80.0				
		10667	2963.1	3.6		130.6	80.0				
		9906	2751.7	5.1		166.4	82.6				
	-2°	8841	2455.8	6.7		192.0	83.9				
		7858	2183.8	7.8		208.4	80.0				
		11214	3115.0	3.7		141.1	80.0				
	0°	10487	2913.1	5.1		176.3	82.5				
		8028	2507.8	7.2		210.7	83.9				
		8080	2244.4	8.1		222.5	80.0				
	+2°	11753	3264.7	3.9		155.8	80.0				
		11124	3090.0	5.1		188.0	82.1				
		10080	2800.0	6.8		220.4	84.6				
	+4°	8308	2307.8	8.3		234.5	80.0				
		12154	3376.1	4.1		169.4	80.0				
		10521	2920.0	6.7		226.4	84.6				
	+4°	9732	2703.3	7.5		234.7	84.6				
		8481	2355.8	8.4		242.2	80.0				
		12790	3552.8	4.4		182.2	80.0				
		11268	3130.0	6.7		242.7	84.0				
		10273	2853.6	7.9		261.1	84.6				
		8945	2484.7	8.7		264.6	80.0				

900QZ-100G

	(m³/h)	l/s	(m)	(r/min)		(kg)	%	(mm)
-6°	5253.0	1459.2	5.4	96.2	110	3400	79.9	750
	5722.2	1589.5	4.1	78.7			81.9	
	6166.0	1712.8	3.3	69.5			79.9	
-4°	5576.6	1549.1	6.0	114.0	132	3620	79.9	750
	6408.9	1780.2	4.2	89.1			83.0	
	6998.9	1944.1	3.0	71.5			79.9	
-2°	5968.9	1658.0	6.3	128.3	160	3950	79.9	750
	6981.1	1939.2	4.3	98.7			83.6	
	7618.2	2116.2	3.0	77.8			79.9	
0°	6394.9	1776.4	6.4	139.7	185	4300	79.9	750
	7553.3	2098.1	4.3	106.4			83.9	
	8165.7	2268.3	3.0	83.4			79.9	
+2°	6982.4	1939.5	6.5	155.0	185	4300	79.9	750
	8011.1	2225.3	4.6	117.6			84.4	
	8674.5	2402.1	3.3	97.5			79.9	
+4°	7632.1	2120.0	6.2	161.3	185	4300	79.9	750
	8283.3	2384.3	4.6	126.4			84.1	
	9105.9	2529.4	3.6	112.3			79.9	

900QZ-100D

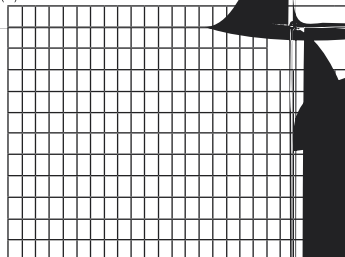
	(m³/h)	l/s	(m)	(r/min)		(kg)	%	(mm)
-6°	6350	1763.9	4.8	102.6	132	4540	80.2	850
	6917	1921.5	3.7	83.9			82.2	
	7454	2070.5	2.9	74.1			80.2	
-4°	6741	1872.6	5.3	121.5	160	5020	80.2	850
	7747	2152.1	3.8	95.0			83.3	
	8461	2350.2	2.7	76.2			80.2	
-2°	7216	2004.3	5.6	136.7	185	5520	80.2	850
	8439	2344.2	3.8	105.3			83.9	
	9209	2558.2	2.7	83.0			80.2	
0°	7731	2147.4	5.7	148.9	185	5520	80.2	850
	9131	2536.4	3.8	113.5			84.2	
	9871	2742.0	2.7	88.9			80.2	
+2°	8441	2344.7	5.8	165.2	185	5520	80.2	850
	9684	2690.1	4.0	125.3			84.7	
	10454	2903.8	2.9	103.9			80.2	
+4°	9226	2562.9	5.5	172.0	185	5520	80.2	850
	10376	2882.3	4.0	134.8			84.4	
	11008	3057.7	3.2	119.7			80.2	

900QZ-130G

	(m³/h)	l/s	(m)	(r/min)		(kg)	%	(mm)
-4°	5495.0	1526.4	5.4	100.3	3300	3300	80.1	750
	7098.9	1971.9	3.0	68.2			84.9	
	7608.7	2113.5	2.2	56.1			80.1	
-2°	6129.4	1702.6	5.4	111.9	3520	3520	80.1	750
	7632.2	2120.1	3.2	78.7			84.6	
	8265.4	2295.9	2.3	63.8			80.1	
0°	6768.3	1880.1	5.3	121.2	590	3850	80.1	750
	8138.2	2260.6	3.3	87.0			84.2	
	8838.1	2455.0	2.3	68.3			80.1	
+2°	7702.8	2139.7	5.0	129.8	3850	3850	80.1	750
	8767.6	2435.4	3.5	100.5			83.4	
	9439.5	2622.1	2.6	82.9			80.1	
+4°	8482.8	2356.3	5.0	143.0	3850	3850	80.1	750
	9385.5	2607.1	3.6	111.8			82.6	
	9939.8	2761.1	2.9	97.7			80.1	

900QZ-130D

900QZ-130D
H(m)



	(m³/h)	l/s	(m)	(r/min)		
	6644	1845.5	4.8		107.2	
-4°	6580	1828.1	4.8		107.2	
					132	
	9228	2563.3	2.8		119.6	
	9993	2775.9	2.0		84.0	
	8183	2273.1	4.7		68.2	
0°	9840	2733.2	2.9	490	129.5	
	10688	2968.3	2.0		93.0	
	9313	2587.0	4.4		72.9	160 4650
+2°	10601	2944.6	3.1		138.7	
	11413	3170.3	2.3		107.4	
	10256	2848.9	4.4		88.5	80
+4°	11348	3152.1	3.2		152.7	80
	12018	3338.3	2.6		119.5	185 4900 82.8
					104.4	80.3

900QZ-160G

	(m³/h)	l/s	(m)	(r/min)		(kg)	%	(mm)
	6212.7	1725.8	3.6		76.2		79.3	
-2°	7094.3	1970.6	2.6		59.9	90 2850	83.2	
	7749.7	2152.7	1.8		47.5		79.3	
	7338.6	2038.5	3.5		87.5		79.3	
0°	8238.6	2288.5	2.6	590	70.2		82.4	750
	8758.6	2432.9	1.9		56.7		79.3	
	8523.0	2367.5	3.3		95.8	110 3100	79.3	
+2°	9199.7	2555.5	2.9		85.8		81.1	
	9705.6	2696.0	2.2		72.7		79.3	

1200QZ-100

1200QZ-130

	l/s	(m)	(r/min)	(kg)	%	(mm)
8865.1	2462.5	6.0	178.3		80.5	
9657.0	2682.5	4.6	145.8		82.5	
10406.0	2890.5	3.7	128.8		80.5	
9411.3	2614.2	6.6	211.2		80.5	
10815.8	3004.4	4.7	165.2		83.6	
11811.6	3281.0	3.3	132.5		80.5	
10073.3	2798.1	7.0	237.7		80.5	
11781.5	3272.7	4.8	183.0		84.2	
12856.7	3571.3	3.3	144.2		80.5	
10792.2	2997.8	7.1	258.9		80.5	
12747.2	3540.9	4.8	197.3		84.5	
13780.3	3828.0	3.3	154.6		80.5	
11783.7	3273.2	7.2	287.2		80.5	
13519.8	3755.5	5.0	218.0		85.0	
14593.9	4053.9	3.7	180.7		80.5	
12880.3	3577.9	6.9	299.0		80.5	
14485.5	4023.8	5.0	234.4		84.7	
14	3	.8				

1200QZ-160

(mm)

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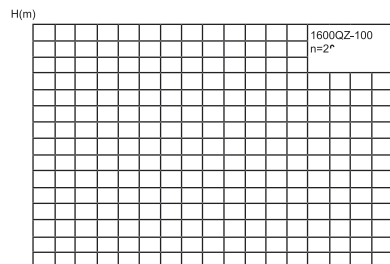
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1600QZ-100

1600QZ-100



Q(l/s)

	(m³/h)	l/s	(m)	(r/min)		(kg)	%	(mm)
-6°	19837.1	5510.3	5.1	332.9			82.0	
	21609.0	6002.5	3.9	272.3	400	12100	84.0	
	23284.0	6468.0	3.1	240.5			82.0	
-4°	21059.2	5849.8	5.6	394.2			82.0	
	24202.1	6722.8	4.0	308.6	450	12500	85.1	
	26430.2	7341.7	2.8	247.4			82.0	
-2°	22540.6	6261.3	5.9	443.8			82.0	
	26363.0	7323.1	4.1	341.9	500	12800	85.7	
	28768.8	7991.3	2.8	269.3			82.0	
0°	24149.3	6708.1	6.0	483.2			82.0	
	28523.9	7923.3	4.1	368.7	560	13200	86.0	
	30836.5	8565.7	2.8	288.6			82.0	
+2°	26367.8	7324.4	6.1	536.1			82.0	
	30252.8	8403.5	4.3	407.3			86.5	
	32658.0	9071.1	3.1	337.3			82.0	
+4°	28821.5	8005.0	5.8	558.1			82.0	
	32413.5	9003.8	4.3	437.9	630	13700	86.2	
	34387.1	9552.0	3.4	388.4			82.0	

1600QZ-130

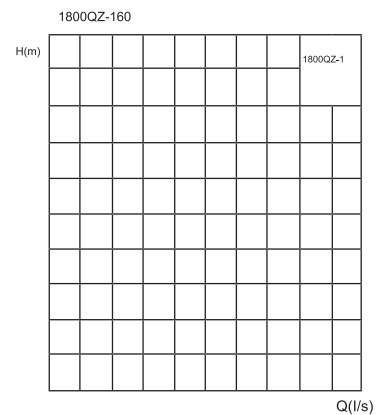
	(m³/h)	l/s	(m)	(r/min)		(kg)	%	(mm)
-4°	20754.2	5765.1	5.1	352.6			81.0	
	26812.0	7447.8	2.8	239.8	400	11800	85.8	
	28737.6	7982.7	2.0	197.2			81.0	
-2°	23150.4	6430.7	5.1	393.3			81.0	
	28826.4	8007.3	3.0	276.6	450	12200	85.5	
	31217.8	8671.6	2.1	224.4			81.0	
0°	25563.4	7101.0	5.0	426.0			81.0	
	30737.6	8538.2	3.1	305.9	500	12500	85.1	
	33381.1	9272.5	2.1	239.9			81.0	
+2°	29092.9	8081.4	4.7	456.3			81.0	
	33114.6	9198.5	3.3	353.5	560	12900	84.3	
	35652.4	9903.5	2.4	291.2			81.0	
+4°	32038.9	8899.7	4.7	502.5			81.0	
	35448.4	9846.8	3.4	393.2	630	13400	83.5	
	37542.0	10428.3	2.7	343.5			81.0	

1600QZ-160

	(m³/h)	l/s	(m)	(r/min)		(kg)	%	(mm)
-2°	23462.4	6517.3	3.3		262.5		81.4	
	26791.6	7442.1	2.4		206.6	315	85.3	
	29266.5	8129.6	1.7		163.7		81.4	
0°	27714.2	7698.4	3.3		301.4		81.4	
	31112.8	8642.5	2.4	290	242.2	355	84.5	1480
	33076.8	9188.0	1.8		195.3		81.4	
+2°	32187.1	8940.9	3.1		330.1		81.4	
	34742.6	9650.7	2.6		295.8	400	83.2	
	36653.0	10181.4	2.0		250.6		81.4	

1800QZ-70

	(m³/h)	l/s	(m)	(r/min)		%	(mm)
-4°	25607	7113	7.56		646.8		81.55
	28958	8044	5.77		544.4	710	83.64
	32004	8890	3.98		425.5		81.68
-2°	27623	7673	7.68		698.7		82.76
	31568	8769	5.95		608.2		84.20
	34981	9717	4.22		480.2	800	83.67
0°	29271	8131	7.79		750.8		82.77
	33527	9313	6.10	256	661.9		84.20
	37354	10376	4.41		533.8		84.17
+2°	31932	8870	7.98		840.3		82.63
	36299	10083	6.32		743.0	900	84.20
	40190	11164	4.67		608.5		84.03
+4°	32526	9035	8.13		920.8		81.78
	38318	10644	6.50		806.0	1000	84.20
	41994	11665	4.84		664.8		83.31



1800QZ-160

	(m³/h)	l/s	(m)	(r/min)		%	(mm)
-2°	36176	10049	3.26	256	392.3	81.79	1740
	39607	11002	2.39		311.5	82.90	
	41296	11471	1.91		266.2	80.91	
0°	41213	11448	3.41		466.6	82.03	
	44003	12223	2.72		393.3	82.90	
	45598	12666	2.25		339.3	82.25	
+2°	46634	12954	3.53		558.0	80.24	
	48550	13486	3.09		493.6	80.90	
	50098	13916	2.63		435.6	82.38	

2000QZ-70

	(m³/h)	l/s	(m)	(r/min)		%	(mm)
-4°	32494	9026	7.02	215	759.8	81.78	2000
	37714	10476	4.97		609.2	83.81	
	40734	11315	3.67		496.9	81.94	
-2°	35150	9764	7.11		819.1	83.09	
	41404	11501	5.06		676.2	84.50	
	44492	12359	3.89		562.4	83.96	
0°	37325	10368	7.18		878.2	83.19	
	44248	12291	5.14		734.1	84.50	
	47498	13194	4.09		526.6	84.47	
+2°	40867	11352	7.32		979.2	83.23	
	48139	13372	5.26		817.0	84.50	
	51073	14187	4.34		715.5	84.36	
+4°	43632	12120	7.43		1068.4	82.71	
	50850	14125	5.35		877.5	84.50	
	53330	14814	4.50		781.7	83.72	



2000QZ-100

	(m³/h)	l/s	(m)	(r/min)		%	(mm)
-6°	34700	9639	5.64	215	645.1	710	82.75
	40288	11191	3.96		505.6		86.09
	44420	12339	2.57		384.3		80.81
-4°	38588	10719	5.73	215	749.8	800	84.37
	44410	12336	4.07		560.2		87.81
	48622	13506	2.68		425.7		83.33
-2°	41954	11654	5.80	215	783.0	900	84.75
	47891	13303	4.16		616.5		88.00
	52380	14550	2.79		475.0		83.72
0°	45443	12623	5.89	215	856.3	900	85.20
	54541	14317	4.26		680.1		88.00
	56016	15560	2.90		527.1		83.94
+2°	48744	13540	5.98	215	939.6	1000	84.55
	55242	15345	4.37		748.2		88.00
	59965	16657	3.03		592.2		83.62
+4°	52063	14462	6.08	215	1038.4	1100	83.02
	58842	16345	4.49		818.5		88.00
	63889	17747	3.17		661.9		83.36

2000QZ-160

	(m³/h)	l/s	(m)	(r/min)		%	(mm)
-2°	45184	12551	3.15	215	478.2	560	81.13
	50022	13895	2.28		373.3		83.20
	52585	14607	1.75		309.4		81.05
0°	51343	14262	3.32	215	571.7	630	81.14
	56214	15615	2.46		452.4		83.20
	58594	16276	1.93		380.6		81.03
+2°	58140	16150	3.42	215	679.4	710	79.68
	62694	17415	2.67		547.5		83.20
	64847	18013	2.14		468.8		80.68

2000QZ-130

	(m³/h)	l/s	(m)	(r/min)		%	(mm)
-6°	25056	6960	4.18	215	367.8	400	77.59
	31133	9648	2.78		281.4		83.73
	35186	9774	1.65		210.4		75.39
-4°	33396	9277	4.32	215	480.5	560	81.81
	35910	10975	2.95		374.6		84.70
	43596	12110	1.84		277.3		79.03
-2°	41785	11607	4.50	215	616.8	710	83.08
	47722	13256	3.15		484.0		84.70
	52088	14469	2.08		358.9		82.15
0°	49338	13705	4.70	215	763.1	800	82.77
	55991	15553	3.40		612.1		84.70
	60936	16924	2.36		477.5		82.18
+2°	55613	15448	4.89	215	901.8	1000	82.11
	62870	17464	3.63		734.7		84.70
	68292	18970	2.64		603.3		81.31
+4°	64040	17789	5.17	215	1146.5	1200	78.76
	71600	19889	3.97		923.2		83.87
	76943	21373	3.00		794.1		79.11

2400QZ-70

	(m³/h)	l/s	(m)	(r/min)		%	(mm)
-4°	46886	13024	5.57	177	847.3	900	83.97
	50227	13952	4.62		752.2		84.11
	54004	15001	3.49		623.0		82.42
-2°	52078	14466	5.45	177	912.8	1000	84.80
	55872	15520	4.52		812.1		84.80
	59317	16492	3.59		689.9		84.21
0°	55544	15429	5.52	177	984.8	1100	84.80
	59785	16607	4.60		883.6		84.80
	63778	17716	3.68		757.5		84.48
+2°	60667	16852	5.62	177	1095.1	1200	84.80
	64991	18053	4.71		983.3		84.80
	69041	19178	3.80		852.5		83.84
+4°	64422	17895	5.70	177	1179.2	1300	84.80
	68537	19038	4.79		1054.4		84.80
	72288	20080	3.88		928.2		82.26

2400QZ-100

H(m)

	(m³/h)	l/s	(m)	(r/min)		%	(mm)
-6°	49590	13775	4.57	177	720.6	85.75	2350
	54698	15194	3.45		599.6	85.85	
	58619	16283	2.52		490.9	82.04	
-4°	54936	15260	4.66	900	805.7	86.54	2350
	60210	16725	3.55		665.5	87.52	
	64199	17833	2.63		546.3	84.07	
-2°	59411	16503	4.74	1000	878.8	87.25	2350
	64890	18025	3.64		729.5	88.20	
	69156	19210	2.73		606.6	84.66	
0°	64213	17837	4.83	1300	964.0	87.59	2350
	69772	19381	3.74		805.8	88.20	
	74009	20558	2.83		670.3	85.17	
+2°	68832	19120	4.92	177	1054.5	87.49	2350
	74132	20789	3.83		866.3	88.20	
	79214	22004	2.95		753.4	84.58	
+4°	73408	20391	5.02	900	1164.6	86.18	2350
	79610	22115	3.96		974.4	88.20	
	84402	23445	3.08		840.7	84.28	

2400QZ-160

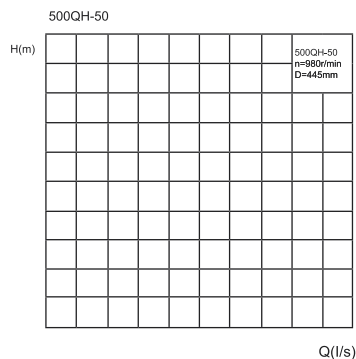
	(m³/h)	l/s	(m)	(r/min)		%	(mm)
-2°	61747	17152	2.75	177	566.9	83.09	2350
	65844	18290	2.23		478.2	83.50	
	69556	19321	1.70		392.3	82.04	
0°	70054	19459	2.91	900	669.9	82.86	2350
	74149	20597	2.39		579.2	83.50	
	77605	21557	1.87		481.5	82.09	
+2°	78440	21789	3.09	1300	818.3	80.66	2350
	82724	22979	2.59		698.5	83.50	
	85946	23874	2.07		593.8	81.49	

2400QZ-130

	(m³/h)	l/s	(m)	(r/min)		%	(mm)
-6°	32879	9133	3.96	177	458.3	77.41	2350
	41094	11415	2.65		352.4	84.23	
	46001	12778	1.71		280.0	76.73	
-4°	43974	12215	4.09	900	599.8	81.66	2350
	52247	14513	2.81		469.9	85.00	
	57197	15888	1.89		362.7	81.03	
-2°	55231	15342	4.25	1000	769.1	83.22	2350
	63205	17557	2.99		606.5	85.00	
	68447	19013	2.10		469.7	83.21	
0°	65218	18116	4.43	1300	951.7	82.72	2350
	74164	20601	3.22		764.7	85.00	
	80107	22252	2.35		616.3	83.33	
+2°	73458	20430	4.60	177	1124	82.07	2350
	83318	23144	3.43		916.3	75.00	
	89842	24956	2.60		768.5	82.76	

500QH-40

	(m³/h)	l/s	(m)	(r/min)		%	(mm)
-4°	932	259	19.58	1450	61.64	80.62	333
	1271	353	15.07		61.11	75	
	1310	364	14.14		61.98	84.85	
-2°	1159	322	19.89	900	79.77	82.06	333
	1343	373	17.21		76.55	85.55	
	1483	412	14.46		71.66	84.86	
0°	1314	365	20.15	110	89.86	83.52	333
	1512	420	17.52		87.57	85.60	
	1656	460	14.82		82.47	84.37	
+2°	1523	423	20.54	132	104.4	84.98	333
	1602	445	19.50		103.4	85.60	
	1843	512	15.25		95.58	83.29	
+4°	1688	469	20.89	158	117.2	85.25	333
	1764	490	19.86		116.1	85.60	
	2009	558	15.68		108.6	82.22	



Q(l/s)

500QH-50

	(m³/h)	l/s	(m)	(r/min)		%	(mm)
-4°	1620	450	11.1	62.9	75	81.27	445
	1731	481	9.72	57.9		82.32	
	1948	541	6.36	46.0		76.28	
-2°	1854	515	11.4	72.2	90	82.75	
	1962	545	9.98	66.4		83.70	
	2171	603	6.64	53.3		76.57	
0°	2027	563	11.6	79.1	110	83.60	
	2146	596	10.2	74.1		83.70	
	2376	660	6.92	60.4		77.05	
+2°	2264	629	11.9	91.0	110	83.70	
	2394	665	10.6	85.5		83.70	
	2650	736	7.34	70.6		78.04	

700QH-40

	(m³/h)	l/s	(m)	(r/min)		%	(mm)
-4°	2923	812	16.98	740	165.5	81.69	615
	3697	1027	14.76		174.5	85.25	
	4122	1145	12.45		162.1	86.25	
-2°	3661	1017	17.25		207.1	83.16	
	4241	1178	15		200	86.7	
	4673	1298	12.72		187.7	86.25	
0°	4154	1154	17.46		233.7	84.62	
	4763	1323	15.27		228.3	86.8	
	5216	1449	13.02		215.5	85.86	
+2°	4813	1337	17.8		271.1	86.1	
	5364	1490	15.61		262.9	86.8	
	5803	1612	13.38		249.5	84.82	
+4°	5339	1483	18.09	740	304.8	86.37	355
	5890	1636	15.94		294.7	86.8	
	6340	1761	13.75		284.2	83.56	

600QH-50

	(m³/h)	l/s	(m)	(r/min)		%	(mm)
-4°	1602	445	14.3	84.3	110	77.0	470
	2088	580	10.2	73.1		82.5	
	2304	640	7.42	62.9		77.0	
-2°	1710	475	15.2	95.6	132	77.0	
	2322	645	11.0	87.2		83.0	
	2574	751	7.5	71.0		77.0	
0°	1847	513	15.9	108.0	132	77.0	
	2459	683	12.0	99.6		83.9	
	2844	790	7.65	80.0		77.0	
+2°	2052	570	16.8	126.8	132	77.0	
	2808	780	12.0	113.7		83.9	
	3186	885	7.9	82.6		77.0	

700QH-50

	(m³/h)	l/s	(m)	(r/min)		%	(mm)
-4°	2531	703	10.3	740	909	81.58	572
	2725	757	8.96		83.5	82.9	
	3060	850	5.89		66.6	76.82	
-2°	2902	806	10.6		105.0	82.91	
	3092	859	9.21		95.7	84.3	
	3420	950	6.16		77.0	77.64	
0°	3164	879	10.8		115.0	83.93	
	3366	935	9.42		106.6	84.3	
	3733	1037	6.42		86.1	78.86	
+2°	3535	982	11.1		131.3	84.3	
	3758	1044	9.74		123.0	84.3	
	4165	1157	6.81		102.0	78.81	

900QH-40

	(m³/h)	l/s	(m)	(r/min)		%	(mm)
-4°	5652	1570	23.5	740	453.5	83.07	735
	6296	1749	21.6		450.6	85.46	
	7387	2052	16.3		399.3	85.17	
	6678	1855	23.9		531.7	85.14	
-2°	7232	2009	22.0	560	517.6	87.04	735
	8348	2319	16.7		465.0	85.15	
	7509	2086	24.3		597.7	86.53	
0°	8096	2249	22.4	710	589.3	87.2	735
	9277	2577	17.3		535.3	84.79	
	8571	2591	24.9		692.6	87.17	
+2°	9115	2532	23.0	680.4	680.4	87.2	735
	10274	2854	17.9		619.9	84.0	
	9464	2629	25.4		780.4	87.2	
+4°	10011	2781	23.5	800	765.0	87.2	735
	11185	3170	18.5		703.1	83.44	

1000QH-40

	(m³/h)	l/s	(m)	(r/min)		%	(mm)
-4°	5310	1475	15.4	490	271.6	82.06	870
	6995	1943	13.39		297.7	85.72	
	7912	2206	10.89		272.6	86.50	
	6880	1911	15.67		351.8	83.52	
-2°	8021	2228	13.61	490	340.9	87.27	870
	8989	2497	11.15		315.8	86.46	
	7808	2169	15.86		397.6	84.92	
0°	9011	2503	13.85	490	389.2	87.40	870
	10030	2786	11.43		363.0	86.01	
	9072	2520	16.17		462.2	86.45	
+2°	10152	2820	14.16	490	448.3	87.40	870
	11146	3096	11.76		420.4	84.95	
	10069	2797	16.44		519.9	86.73	
+4°	11149	3097	14.46	490	502.6	87.40	870
	12161	3378	12.1		477.8	83.90	

900QH-50

	(m³/h)	l/s	(m)	(r/min)		%	(mm)
-4°	4597	1277	12.3	590	196.1	81.41	756
	5083	1412	10.2		176.9	83.39	
	5731	1592	6.59		140.1	76.43	
	5296	1471	12.5		226.6	82.88	
-2°	5767	1602	10.5	250	202.8	84.62	756
	6408	1780	6.88		161.9	77.17	
	5782	1606	12.7		248.2	83.91	
0°	6289	1747	10.7	280	225.4	84.8	756
	6995	1943	7.17		181.3	78.18	
	6469	1797	13.0		282.8	84.39	
+2°	7024	1951	11.1	315	260.1	84.8	756
	7805	2168	7.6		208.9	78.96	

1000QH-50

	(m³/h)	l/s	(m)	(r/min)		%	(mm)
-4°	5486	1524	11.99	490	225.0	79.63	870
	6354	1765	9.65		200.0	83.57	
	7096	1971	6.81		162.7	80.97	
	6430	1786	12.17		260.9	81.72	
-2°	6800	1889	9.85	490	228.4	85.09	870
	7960	2211	7.02		188.6	80.80	
	6419	1783	13.47		296.1	79.54	
0°	7920	2200	10.01	490	254.0	85.10	870
	8708	2419	7.23		210.6	81.42	
	7257	2016	13.60		332.4	81.23	
+2°	8856	2460	10.27	490	291.1	85.10	870
	9734	2704	7.53		244.9	81.57	

1200QH-40

	(m³/h)	l/s	(m)	(r/min)	%	(mm)
	9061	2517	17.16	501.3	84.53	
-4°	10256	2849	14.84	475.4	87.24	
	11290	3136	12.02	434.4	85.14	
	9918	2755	18.39	585.4	84.89	
-2°	11473	3187	15.55	555.7	87.50	
	12780	3550	12.31	504.0	85.05	
	10476	2910	19.54	660.3	84.46	
0°	12208	3391	17.09	490	649.7	87.50
	14245	3957	12.62	579.4	84.56	
	12125	3368	20.06	773.1	85.73	
+2°	13691	3803	17.63	751.6	87.50	
	15278	4244	14.27	698.9	85.00	
	13399	3722	20.52	872.6	85.85	
+4°	14969	4158	18.14	845.5	87.50	
	16592	4609	14.83	799.0	84.09	

1200QH-50

1400QH-40

1400QH-50



Installation type

Installation dimension

Note:

The dimensions in the table are the installation dimensions of the pump and the hydraulic control dimensions for the design of pump station, of which the hydraulic dimensions are reference values.

A

S Q

The dimension A is determined according to the pump flow to control the flow rate and reduce hydraulic loss. The dimensions in the table are reference values and can be appropriately increased if necessary. Dimensions S and Q are determined according to the specific conditions of the pump station.

T ;

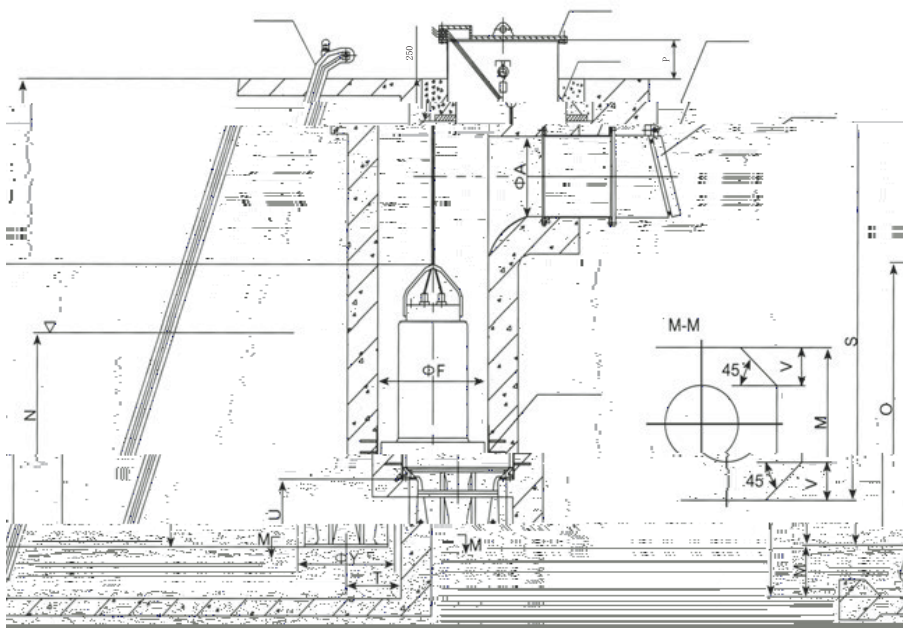
The distance between the center of the pump and the rear tank wall shall not be more than dimension T;

Z

The center distance between two pumps in the same tank shall not be less than dimension Z.

Concrete prefabricated well bore installation

Dimension table of concrete prefabricated well bore installation (1)



Note:

The dimensions in the table are the installation dimensions of the pump and the hydraulic control dimensions for the design of pump station, of which the hydraulic dimensions are reference values.

The dimension A is determined according to the pump flow to control the flow rate and reduce hydraulic loss. The dimensions in the table are reference values and can be appropriately increased if necessary. Dimension S is determined according to the specific conditions of the pump station.

The distance between the center of the pump and the rear tank wall shall not be more than dimension T;

The center distance between two pumps in the same tank shall not be less than dimension Z.

No.	Model	øA	øF	M	N	O	P	Z	T	W	V	U	øY	Axial hydra thrust (N)
1	350QZ-70G	400	600	290	720	2300	200	1400	400	1400	350	360	500	6800
2	350QZ-70D	400	600	290	720	1733	200	1400	400	1400	350	360	500	3500
3	350QZ-100	400	600	290	710	1733	200	1400	400	1400	350	360	500	5500
4	350QZ-130	400	600	290	800	1733	200	1400	400	1400	350	360	500	4800
5	500QH-40	400	600	290	780	2850	200	1400	400	1400	350	360	500	8800
6	500QH-50	400	600	290	810	2900	200	1400	400	1400	350	360	500	10800
7	500QZ-70	400	600	290	1120	2553	200	1400	400	1400	350	360	500	15700
8	500QZ-100G	400	600	290	1120	2080	200	1400	400	1400	350	360	500	12700
9	500QZ-100D	400	600	290	810	2013	200	1400	400	1400	350	360	500	7200
10	500QZ-130G	400	600	290	1200	2080	200	1400	400	1400	350	360	500	11000
11	500QZ-130D	400	600	290	810	2015	200	1400	400	1400	350	360	500	6300
12	600QH-40	400	600	290	800	2880	220	1400	400	1400	350	360	500	16600
13	600QH-50	400	600	290	880	2900	220	1400	400	1400	350	360	500	24100
14	600QZ-70	400	600	290	880	2570	220	1400	400	1400	350	360	500	19900
15	600QZ-100	400	600	290	880	2570	220	1400	400	1400	350	360	500	16100
16	600QZ-130	400	600	290	880	2570	220	1400	400	1400	350	360	500	14000
17	600QZ-160	400	600	290	880	2570	220	1400	400	1400	350	360	500	14000
18	700QH-40	400	600	290	900	2960	220	1400	400	1400	350	360	500	28600
19	700QH-50	400	600	290	960	3000	220	1400	400	1400	350	360	500	34200
20	700QZ-70G	400	600	290	1400	2850	220	1400	400	1400	350	360	500	28300
21	700QZ-70D	400	600	290	1400	2850	220	1400	400	1400	350	360	500	28300
22	700QZ-100	400	600	290	960	2570	220	1400	400	1400	350	360	500	22800
23	700QZ-130	400	600	290	1480	2570	220	1400	400	1400	350	360	500	19900
24	700QZ-160	400	600	290	1100	2570	220	1400	400	1400	350	360	500	13900



Dimension table of concrete prefabricated well bore installation (2)

		øA	øF	M	N	O	P	Z	T	W	V	U	øY	
26	800QZ-70G	900	1200	670	1120	3100	260	280	840	2800	700	940	1050	40200
27	800QZ-70D				1120	2900								33300
28	800QZ-100				1120	2900								28900
29	800QZ-130				1120	2900								23400
30	800QZ-160	1000	1300	820	1120	2900	300	3400	1020	850	1020	1150	1250	16400
31	900QH-40				1200	3600								48200
32	900QH-50				1360	3800								56100
33	900QZ-70G				1520	3600								56300
34	900QZ-70D	1200	1400	840	1360	3700	300	3480	1040	3480	670	1040	1140	49900
35	900QZ-100G				1360	3370								45600
36	900QZ-100D				1360	3500								40400
37	900QZ-130G				1500	3000								39600
38	900QZ-130D	1400	1600	910	1360	3100	300	3480	1040	3480	670	1040	1140	35100
39	900QZ-160G				1360	3000								27800
40	900QZ-160D				1360	3100								24600
41	1000QH-40				1280	3900	300	3480	1040	3480	670	1040	1140	53600
42	1000QH-50	1200	1400	840	1390	4200								66200
43	1000QZ-70				1390	3900								54800
44	1000QZ-100				1390	3300								44300
45	1000QZ-130	1400	1600	910	1390	3300	300	3480	1040	3480	670	1040	1140	38500
46	100QZ-160				1390	3300								27000
47	1200QH-40				1880	4000								88000
48	1200QH-50				2080	4600								94100
49	1200QZ-70	1400	1600	910	2740	4300	300	3800	1140	3800	950	1140	1420	77800
50	1200QZ-100				2520	3800								63000
51	1200QZ-130				2830	3800								54700
52	1200QZ-160				2910	3800								38400

Installation dimension drawing of concrete well bore with dustpan inlet channel

Installation dimension table of concrete prefabricated well bore with closed inlet channel

Qrl	P r gh ₀	Hw	Hs	øF	øA	E×F	D{ldo k gud wkuxv ₀ (N)
1	1200QH-50	1580	2080	1600	1900	1400×1400	94100
2	1200QZ-70		2540				77800
3	1200QZ-100		2620				63000
4	1200QZ-130		2830				54700
5	1200QZ-160		2910				38400
6	1400QZ-70	1990	2640	1900	2200	1400×1800	113000
7	1400QZ-100		2720				91500
8	1400QZ-130		2930				79400
9	1400QZ-160		3010				55700
10	1600QZ-70	2460	2740	2300	2600	1400×1800	166200
11	1600QZ-100		2820				134500
12	1600QZ-130		3030				116800
13	1600QZ-160		3110				81900
14	1800QZ-70	2930	2840	2800	2900	2200×2200	216000
15	1800QZ-100		2920				184500
16	1800QZ-130		3130				166800
17	1800QZ-160		3200				132000
18	2000QZ-70	3370	3265	3220	3335	2500×2500	248400
19	2000QZ-100		3360				212175
20	2000QZ-130		3600				191820
21	2000QZ-160		3680				151800
22	2400QZ-70	3960	3835	3780	3915	3000×3000	291600
23	2400QZ-100		3840				249075
24	2400QZ-130		4225				225180
25	2400QZ-160		4320				178200



Instructions for model selection

1

When selecting the pump, the pump model, installation method, tank depth, operating voltage and pump control and protection method shall be indicated so as to provide the best system.

2

The control cabinet shall be indicated with starting mode, hydraulic control mode and installation mode.

3

The type of terminal box (if required) should be indicated (control type/wiring type).

4

10m ,

The normal supply length of submersible pump cable of our company is 10m. Any special requirements shall be indicated.