ZJ Series Slurry Pumps

Preliminary election Guide

IVY-PUMP

Hebei Ivy Pump Industry Co., Ltd.

Product Overview

The ZJ Series slurry pumps are high-efficiency, energy-saving, single-stage, single-suction, centrifugal slurry pumps developed by our company. Based on structural type, they are classified into horizontal (ZJ type) and vertical (ZJL type) models. Horizontal pumps are available in various sizes based on discharge diameter, including 300 mm, 250 mm, 200 mm, 150 mm, 100 mm, 80 mm, 65 mm, 50 mm, and 40 mm.Vertical pumps are available in discharge diameters of 150 mm, 100 mm, 80 mm, 65 mm, 50 mm, and other sizes.

This series of slurry pumps features innovative hydraulic and structural designs, with flow-passing components manufactured from a proprietary high-chromium wear-resistant alloy cast iron developed in-house to withstand severe abrasion. They are characterized by high efficiency, energy savings, long service life, light weight, rational structure, reliable operation, minimal vibration, low noise, and ease of maintenance.They are suitable for conveying abrasive or corrosive slurries containing solid particles in industries such as power generation, metallurgy, coal, and building materials. The maximum weight concentration of the solid-liquid mixture is 45% for ash slurry and 60% for ore slurry; the pumps can be operated in series according to user requirements. This series of slurry pumps has passed ministerial-level new product appraisal and provincial-level energy-saving certification. The conclusions confirm that the pumps' performance metrics are at the leading domestic level, and the efficiency indicators of most models reach internationally advanced levels.

The ZJ Series slurry pumps have been included in the former Ministry of Energy's program for the promotion of scientific and technological achievements in the power sector, and are recommended products by the Ministry of Metallurgy and the Ministry of Coal. They have been listed by the General Institute of Power Planning and Design and the Equipment and Complete Sets Bureau of the Ministry of Power as preferred auxiliary equipment for 50–300 MW thermal power units. In 1991, they passed the provincial "Double Adoption" certification, and the State Bureau of Technical Supervision authorized the use of the "Product Conforming to International Standards" mark.The ZJ Series Slurry Pumps have been successively recognized as High-Quality Products of Hebei Province, Energy-Saving Products by the Ministry of Machinery, and included in the 16th and 17th National Batches of Energy-Saving Electromechanical Product Promotion Projects, as well as designated as National Key New Products. In 1998, the series passed ISO 9001 quality management system certification.

Examples of model designations for the ZJ series slurry pumps:

200ZJ-I-A70

200 Pump discharge diameter (mm)

ZJ Slurry Pump

I (II) I denotes a single-stage pump

(II indicates a two-stage pump)

A Number of impeller blades

Code	A	B	C	D	E	F	G	...
Number of blades	5	4	3	2	1	6	7	...

70 Impeller Diameter (cm)

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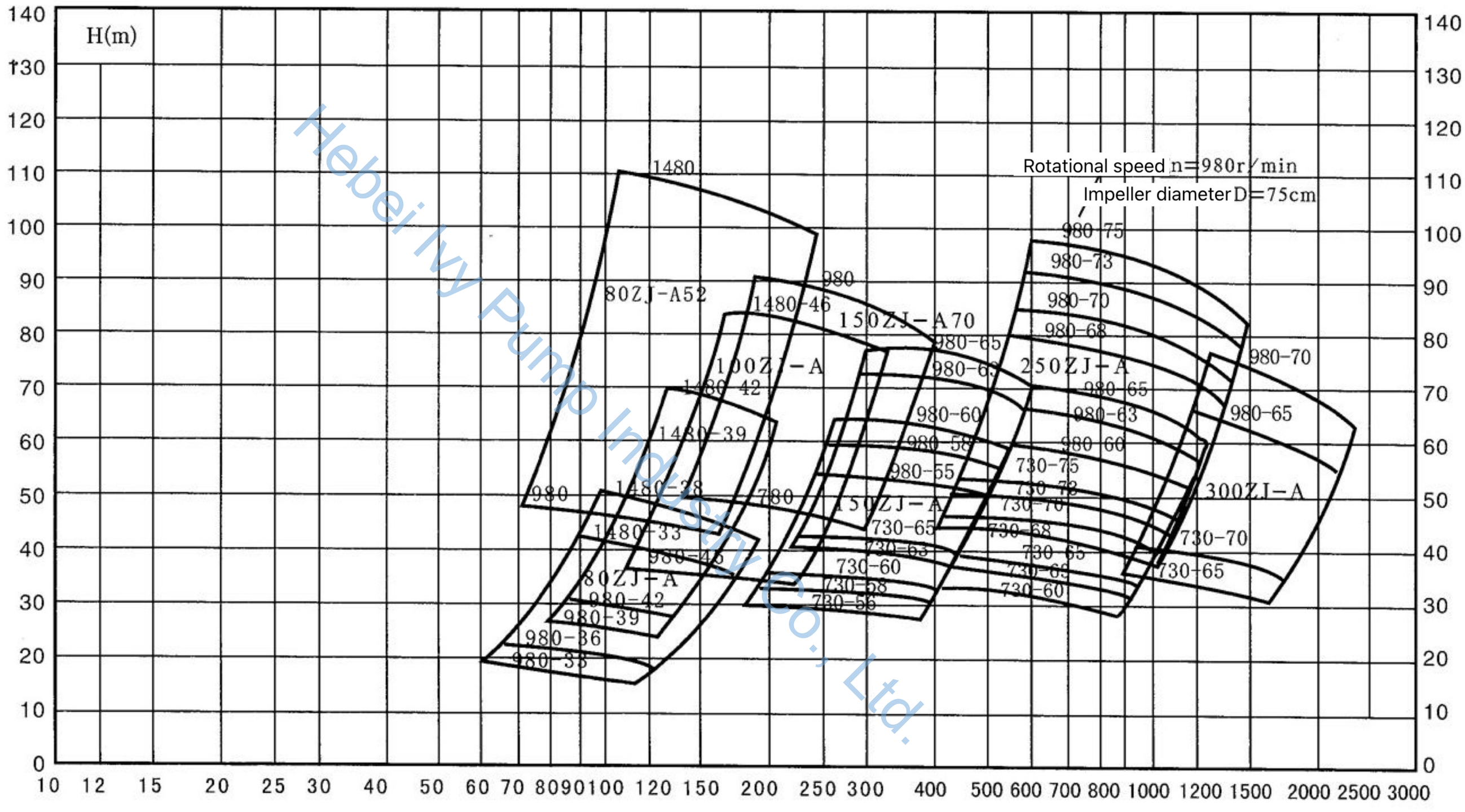
ZJ Series Slurry Pump Performance Chart (1)



Note: This chart represents clean-water performance and is for preliminary model-selection reference only.

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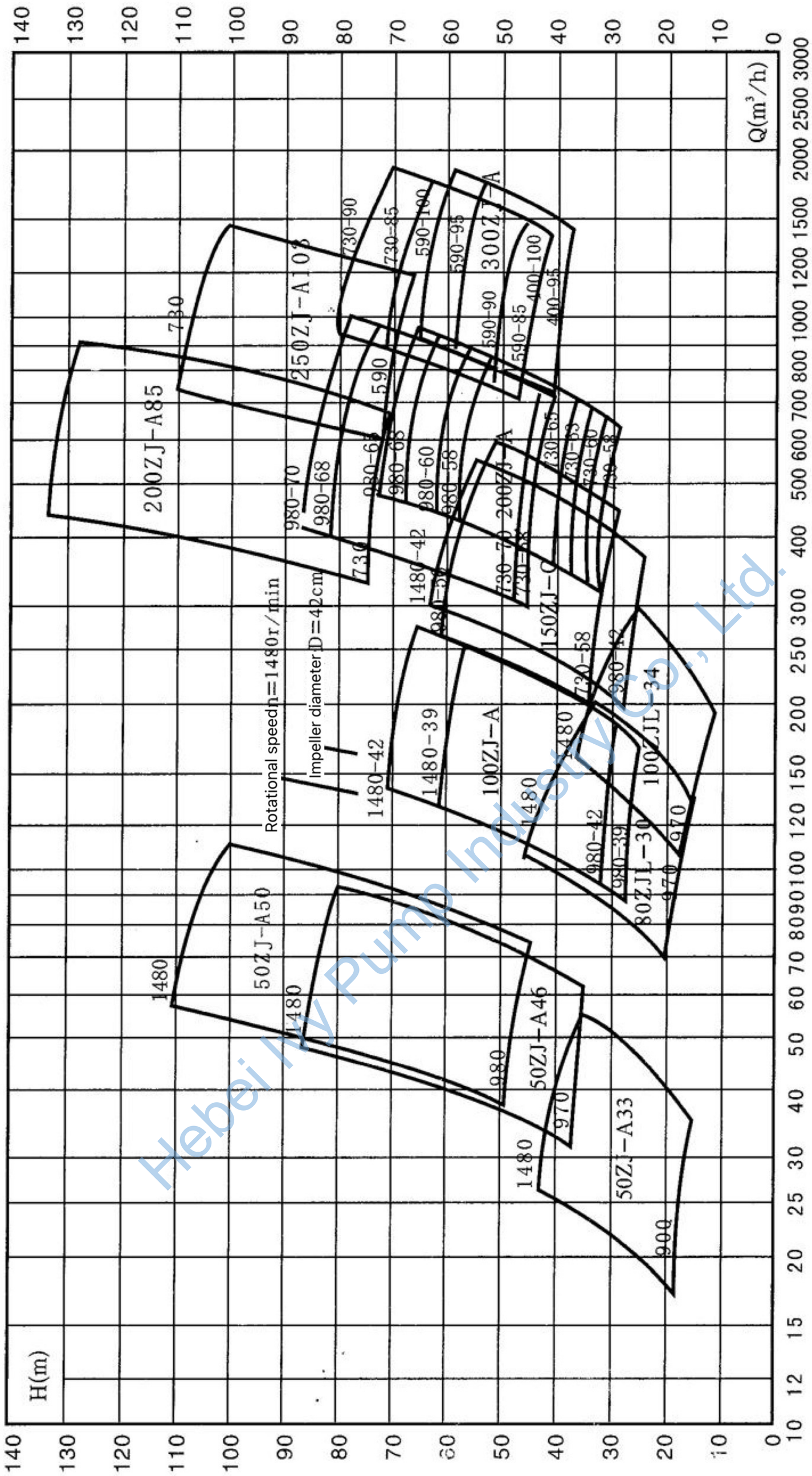
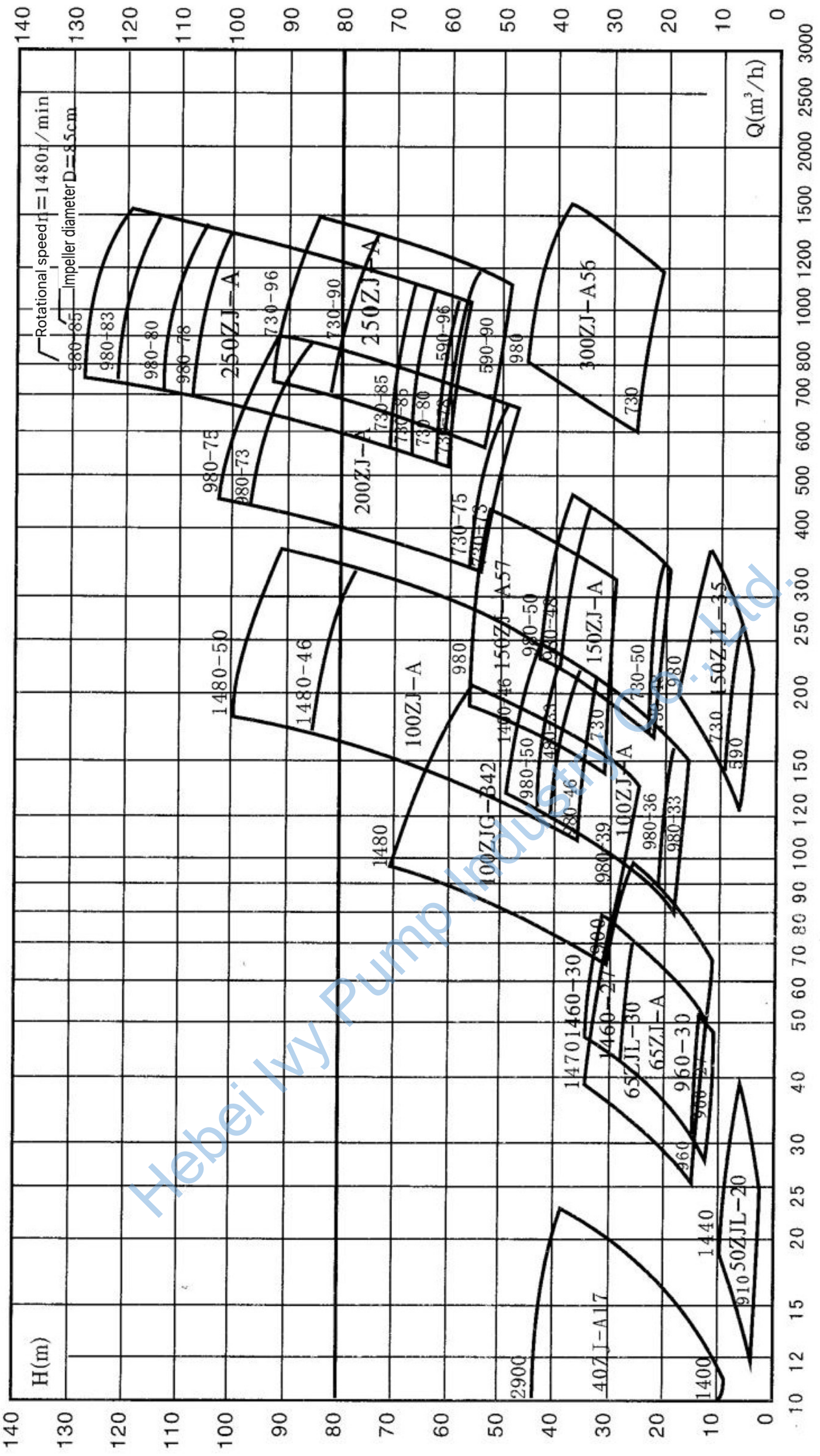
ZJ Series Slurry Pump Performance Chart (2)



Note: This chart represents clean-water performance and is for preliminary model-selection reference only.

ZJ Series Slurry Pump Performance Chart (3)



Note: This chart represents clean-water performance and is for preliminary model-selection reference only.

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Main Technical Parameters of ZJ-Series Slurry Pumps (1)

Model	Max. Allowable Matching Power (kw)	Clear-water Performance					Max. Intermittent Pass-through Particle Size (mm)	Curve No.	Weight (kg)
		Flow Q (m^3/h)	Head H (m)	Speed n (r/min)	Max. Efficiency η (%)	NPSHr (m)			
300ZJ-I-A100	450	464-1826	15.3-65.2	300-590	80.7	3.0	88	ZJ300100	5750
300ZJ-I-A95	400	441-1735	13.8-58.8	300-590	77.7	3.0	88	ZJ30095	5600
300ZJ-I-A90	560	505-1844	21.2-79.9	400-730	81.4	3.9	85	ZJ30090	5000
300ZJ-I-A85	450	477-1742	18.9-71.3	400-730	78.4	3.8	85	ZJ30085	4850
300ZJ-I-A70	630	635-2333	16.0-76.8	490-980	80.4	3.9	92	ZJ30070	4150
300ZJ-I-A65	500	589-2166	13.8-6.2	490-980	77.4	3.7	92	ZJ30065	4000
300ZJ-I-A56	250	395-1568	9.7-46.0	490-980	80.9	3.5	96	ZJ30056	2950
250ZJ-I-A103	560	402-1573	29.7-110.5	400-730	74.5	2.8	67	ZJ250103	5650
250ZJ-I-A96	560	403-1466	25.4-93.7	400-730	77.8	3.5	67	ZJ25096	5200
250ZJ-I-A90	450	378-1374	22.3-82.4	400-730	73.8	3.4	67	ZJ25090	5150
250ZJ-I-A85	800	376-1504	30.1-128.7	490-980	75.6	3.5	76	ZJ25085	4686
250ZJ-I-A83	800	367-1469	28.7-122.7	490-980	74.6	3.5	76	ZJ25083	4665
250ZJ-I-A80	710	354-1416	26.7-114.0	490-980	72.6	3.4	76	ZJ25080	4630
250ZJ-I-A78	630	345-1380	25.4-108.4	490-980	70.6	3.2	76	ZJ25078	4620
250ZJ-I-A75	560	300-1480	20.8-97.5	490-980	76.0	3.0	72	ZJ25075	3600
250ZJ-I-A73	500	292-1441	19.7-92.4	490-980	75.0	3.0	72	ZJ25073	3590
250ZJ-I-A70	450	280-1381	18.1-84.9	490-980	73.0	2.9	72	ZJ25070	3570
250ZJ-I-A68	450	272-1342	17.1-80.1	490-980	72.0	2.7	72	ZJ25068	3560
250ZJ-I-A65	315	299-1249	15.4-71.0	490-980	76.9	3.0	72	ZJ25065	3550
250ZJ-I-A63	315	290-1211	14.4-66.7	490-980	75.9	3.0	72	ZJ25063	3540
250ZJ-I-A60	280	276-1153	13.1-60.5	490-980	73.9	2.8	72	ZJ25060	3530
200ZJ-I-A85	560	221-907	32.0-133.7	490-980	70.5	2.8	54	ZJ20085	4150

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Main Technical Parameters of ZJ-Series Slurry Pumps (2)

Model	Max. Allowable Matching Power (kw)	Clear-water Performance					Max. Intermittent Pass-through Particle Size (mm)	Curve No.	Weight (kg)
		Flow Q (m^3/h)	Head H (m)	Speed n (r/min)	Max. Efficiency η (%)	NPSHr (m)			
200ZJ-I-A75	355	225-900	22.8-102.9	490-980	72.8	3.0	56	ZJ20075	3210
200ZJ-I-A73	355	219-876	21.6-97.5	490-980	71.8	3.0	56	ZJ20073	3190
200ZJ-I-A70	315	205-976	19.4-86.4	490-980	75.6	2.8	56	ZJ20070	3160
200ZJ-I-A68	315	199-948	18.3-81.5	490-980	74.6	2.8	56	ZJ20068	3140
200ZJ-I-A65	250	235-950	16.4-72.0	490-980	79.6	2.5	62	ZJ20065	2450
200ZJ-I-A63	250	228-921	15.4-67.6	490-980	78.6	2.5	62	ZJ20063	2430
200ZJ-I-A60	185	218-870	13.9-62.0	490-980	82.7	2.5	62	ZJ20060	2400
200ZJ-I-A58	185	211-841	13.0-57.9	490-980	81.7	2.5	62	ZJ20058	2380
150ZJ-I-A70	185	93-401	20.0-91.2	490-980	62.3	2.0	37	ZJ15070	2985
150ZJ-I-A65	200	150-600	17.4-75.7	490-980	70.2	2.5	48	ZJ15065	2100
150ZJ-I-A63	185	146-582	16.3-71.1	490-980	69.2	2.5	48	ZJ15063	2050
150ZJ-I-A60	160	135-550	14.7-63.5	490-980	74.6	2.5	48	ZJ15060	1800
150ZJ-I-A58	132	131-532	13.7-59.3	490-980	73.6	2.5	48	ZJ15058	1780
150ZJ-I-A55	110	124-504	12.3-53.4	490-980	71.6	2.3	48	ZJ15055	1760
150ZJ-I-C58	160	134-596	12.8-61.0	490-980	69.1	2.0	75	ZJ150C58	1780
150ZJ-I-A57	110	95-427	13.2-56.3	490-980	66.6	1.8	32	ZJ15057	1800
150ZJ-I-A50	75	115-460	9.5-43.1	490-980	76.8	2.5	48	ZJ15050	1630
150ZJ-I-A48	75	111-442	8.7-39.7	490-980	75.8	2.5	48	ZJ15048	1610
150ZJ-I-C42	132	142-550	12.1-62.8	700-1480	76.4	2.2	69	ZJ150C42	1550
100ZJ-I-A50	160	85-360	20.5-100.2	700-1480	68.5	2.5	34	ZJ10050	1440
100ZJ-I-A46	132	79-331	17.3-84.8	700-1480	66.5	2.3	34	ZJ10046	1310
100ZJ-I-A42	90	66-275	14.7-70.8	700-1480	70.4	2.5	35	Zj10042	1078

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Main Technical Parameters of ZJ-Series Slurry Pumps (3)

Model	Max. Allowable Matching Power (kw)	Clear-water Performance					Max. Intermittent Pass-through Particle Size (mm)	Curve No.	Weight (kg)
		Flow Q (m^3/h)	Head H (m)	Speed n (r/min)	Max. Efficiency η (%)	NPSHr (m)			
100ZJ-I-A39	75	61-255	12.6-61.0	700-1480	68.4	**2.4**	35	ZJ10039	1060
100ZJG-I-B42	75	45-205	12.6-70.7	700-1480	63.2	**1.8**	18	ZJG100B42	1070
100ZJ-I-A36	55	61-245	9.7-49.5	700-1480	71.6	**2.0**	32	ZJ10036	890
100ZJ-I-A33	45	56-225	8.2-41.6	700-1480	69.6	**1.8**	32	ZJ10033	870
80ZJ-I-A52	160	51-242	22.1-109.8	700-1480	56.3	**2.1**	21	ZJ8052	1080
80ZJ-I-A42	75	61-204	14.4-70.4	700-1480	66.7	**2.5**	24	ZJ8042	970
80ZJ-I-A39	55	57-189	12.4-60.7	700-1480	64.7	**2.4**	24	ZJ8039	945
80ZJ-I-A36	45	46-190	9.6-51.4	700-1480	67.7	**2.5**	24	ZJ8036	885
80ZJ-I-A33	37	43-174	8.0-43.2	700-1480	65.7	**2.3**	24	ZJ8033	860
65ZJ-I-A30	15	23-79	7.4-34.8	700-1460	63.5	**2.0**	19	ZJ6530	820
65ZJ-I-A27	11	20-71	6.0-28.2	700-1460	61.5	**1.8**	19	ZJ6527	795
50ZJ-I-A50	90	27-111	22.3-110.7	700-1480	45.1	**3.0**	13	ZJ5050	1078
50ZJ-I-A46	55	23-94	17.9-85.8	700-1480	44.7	**1.4**	13	ZJ5046	690
50ZJ-I-A33	18.5	12-54	7.7-42.5	700-1480	41.4	**2.9**	13	ZJ5033	680
40ZJ-I-A17	4	4-23	9.0-44.6	1400-2900	52.4	**2.5**	11	ZJ4017	230
150ZJL-35	37	99-364	3.0-17.9	490-980	68.1		10	ZJL15035	900
100ZJL-34	45	74-293	5.5-36.8	700-1480	65.1		10	ZJL10034	850
80ZJL-36	45	50-201	7.3-45.5	700-1480	58.2		10	ZJL8036	660
65ZJL-30	18.5	18-98	5.9-34.7	700-1470	51.9		8	ZJL6530	530
50ZJL-20	4	8-38	1.4-10.7	700-1440	38.6		10	ZJL5020	250

Note:

1. NPSHr denotes the value at the designated point for the second auxiliary speed as specified in this datasheet.
2. Normal passing particle size equals 56% of the maximum intermittently-passing particle size.

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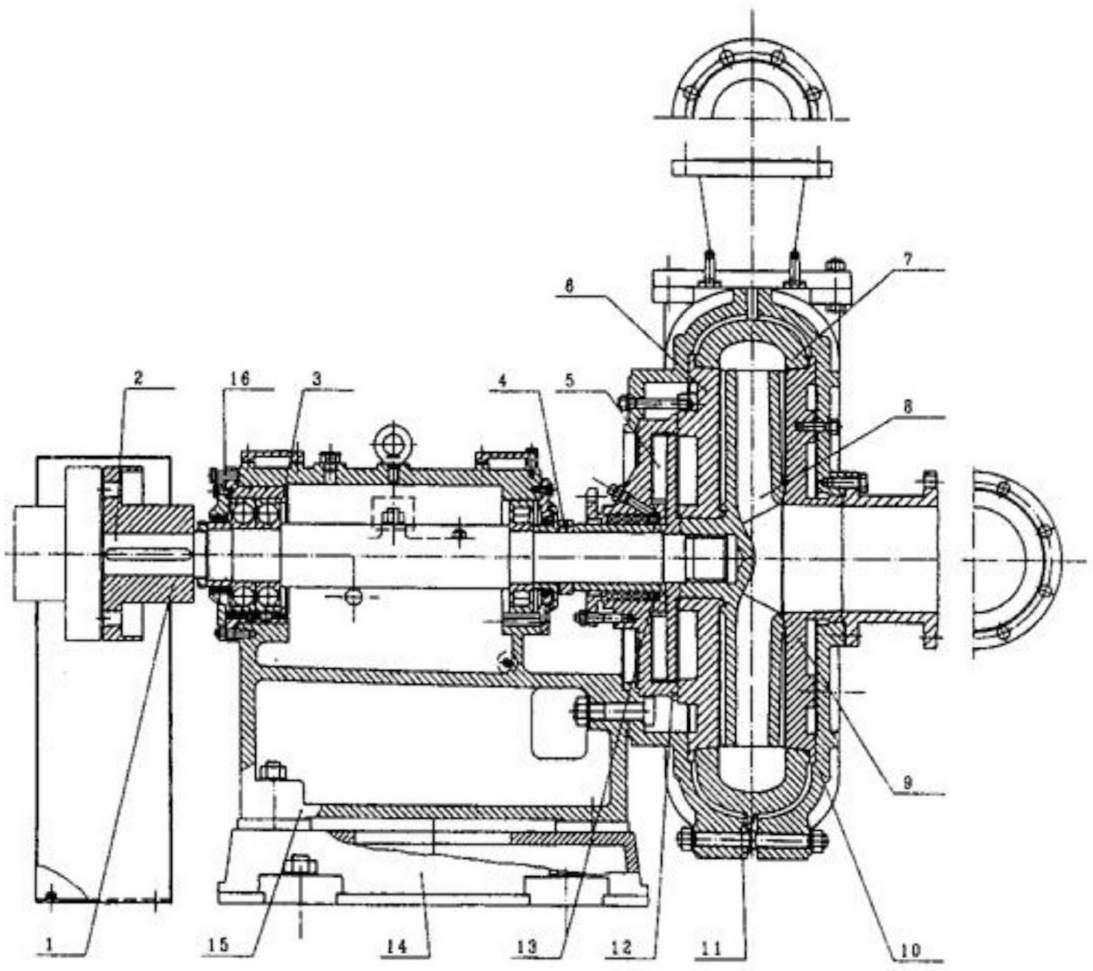


1. Coupling
2. Shaft
3. Bearing Housing
4. Disassembly Ring
5. Secondary impeller
6. Rear shroud
7. Volute
8. Impeller
9. Front shroud
10. Front pump casing
11. Rear Pump Casing
12. Stuffing box
13. Water seal ring
14. Base
15. Bracket
16. Adjustment screw

Structural Diagram of the ZJ Slurry Pump

Structural Features of the ZJ Slurry Pump

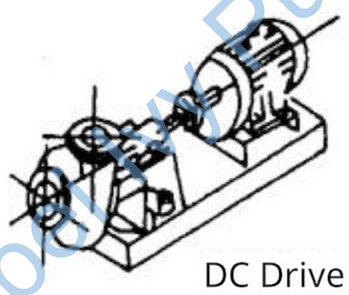
Pump Body Structure: ○ The pump body features a double-layer metal structure (inner and outer layers) ○ The pump casing is a vertically split type ○ The discharge port can be rotated to eight different positions at 45° intervals for installation and use.

Bearing Lubrication: Classified by bearing housing design as follows: ○ Box-type: lubricated with thin oil ○ Split-type: lubricated with grease ○ Bearing housing: lubricated with thin oil or grease.

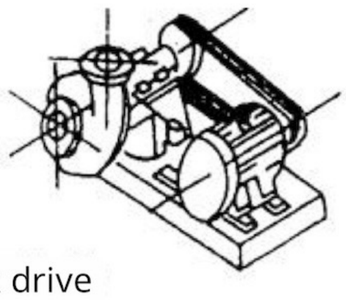
Shaft Seal Types: ○ Double-impeller shaft seal: Suitable for single-stage pumps and the first stage in series-connected pumps; lubrication of the packing for static sealing may use clean water at atmospheric pressure or grease.

○ Packing seal: Suitable for the second stage and subsequent stages in series-connected pumps; requires seal water.

Drive Type:

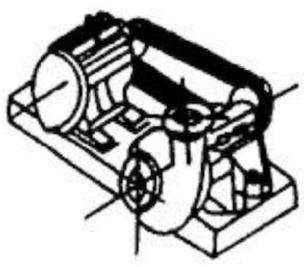


DC Drive

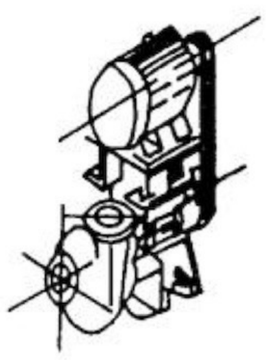


CR drive

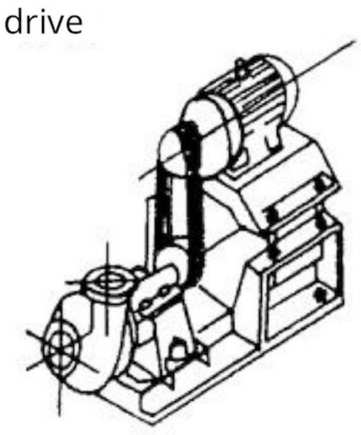
CL Drive



CV drive



ZV drive



Users can select different drive types based on their needs.

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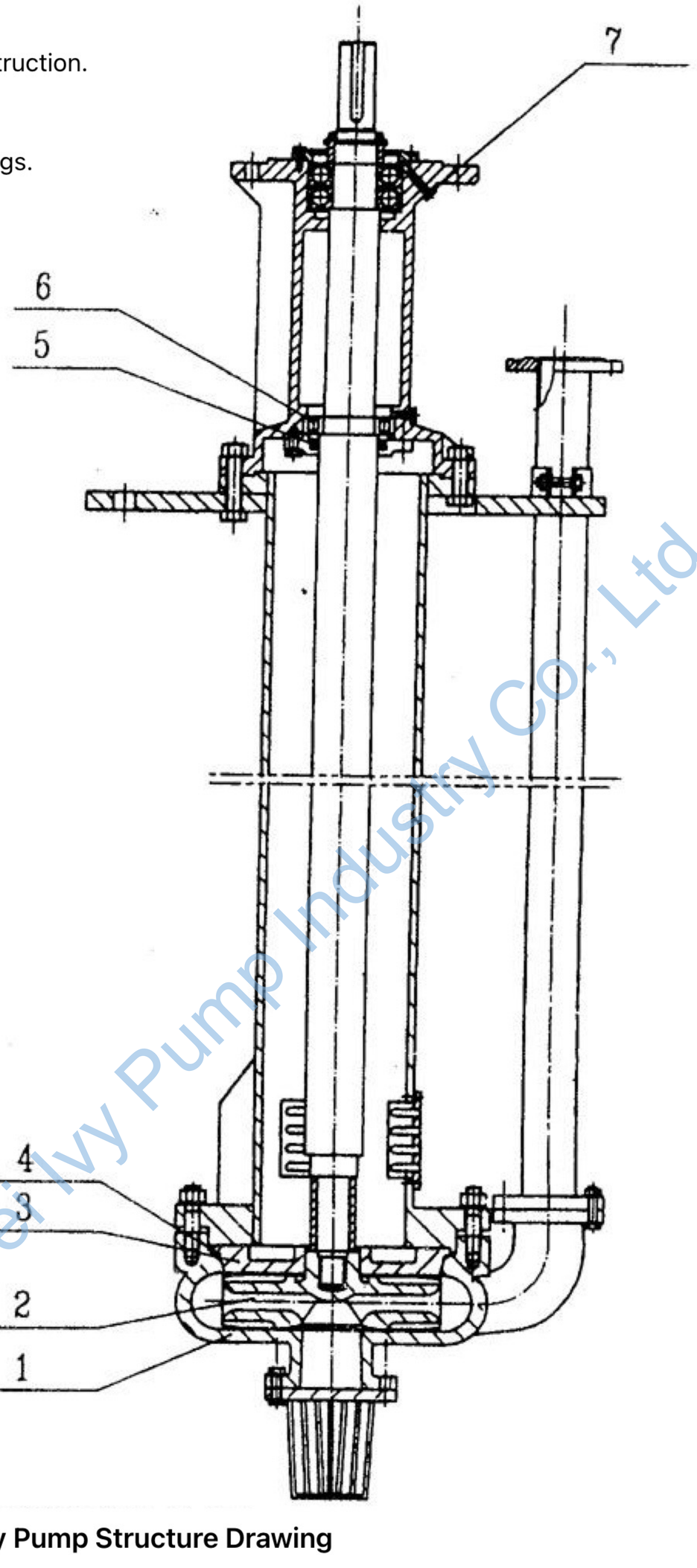
Structural Features of the ZJL Slurry Pump

- Single-layer casing, metal construction.
- Direct-coupled or belt drive.
- Grease-lubricated rolling bearings.



1. Volute
2. Impeller
3. Back Liner
4. Gasket
5. Oil Seal
6. Bearing
7. Oil Cup

ZJL-Type Slurry Pump Structure Drawing

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ZJ-Series Slurry Pump Clear-water Performance for Direct-coupled Drive (1)

Model	Speed n	Flow Q	Head H	Shaft Power Pa	Efficiency η	NPSHr	Matching Motor	
							Model	Power / Voltage
	r/min	m^3/h	m	kW	%	m		kW/V
300ZJ-I-A10	590	913 1785 1826	65.2 59.7 59.3	243.0 361.0 365.4	66.7 80.4 80.7	4.1	Y450-10 Y500-10 Y500-10	315/6000 450/6000 450/6000
	490	758 1482 1517	45.0 41.2 40.9	139.3 206.8 209.4	66.7 80.4 80.7	3.0	Y450-12 Y450-12 Y450-12	185/6000 250/6000 250/6000
300ZJ-I-A95	590	867 1696 1735	58.8 53.9 53.5	217.9 321.6 325.3	63.7 77.4 77.7	4.1	Y450-10 Y500-10 Y500-10	280/6000 400/6000 400/6000
	490	720 1408 1441	40.6 37.2 36.9	125.0 184.3 186.4	63.7 77.4 77.7	3.0	Y450-12 Y450-12 Y450-12	185/6000 220/600 220/6000
300ZJ-I-A90	730	922 1648 1844	79.9 73.6 70.7	290.3 410.3 436.2	69.1 80.5 81.4	5.7	Y450-8 Y500-8 Y500-8	355/6000 500/6000 560/6000
	590	745 1332 1490	52.2 48.1 46.2	153.3 216.7 230.3	69.1 80.5 81.4	3.9	Y450-10 Y450-10 Y450-10	185/6000 280/6000 280/6000
300ZJ-I-A85	730	871 1556 1742	71.3 65.6 63.1	255.9 358.7 381.8	66.1 77.5 78.4	5.6	Y450-8 Y450-8 Y450-8	315/6000 450/6000 450/6000
	590	704 1258 1408	46.6 42.9 41.2	135.2 189.6 201.5	66.1 77.5 78.4	3.8	Y355L2-10 Y450-10 Y50-10	160/380 220/6000 250/6000
300ZJ-I-A70	980	1269 2118 2333	76.8 66.7 64.0	368.6 480.9 505.8	72.0 80.0 80.4	7.0	Y450-6 Y450-6 Y450-6	450/6000 630/6000 630/6000
	730	945 1578 1738	42.6 37.0 35.5	152.3 198.8 209.0	72.0 80.0 80.4	3.9	Y355L1-8 Y400-8 Y400-8	185/380 250/6000 250/6000

Note: The efficiency values in this table are obtained with packed shaft seal.

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ZJ-Series Slurry Pump Clear-water Performance for Direct-coupled Drive (2)

Model	Speed n	Flow Q	Head H	Shaft Power Pa	Efficiency η	NPSHr	Matching Motor	
							Model	Power / Voltage
	r/min	m^3/h	m	kW	%	m		kW/V
300ZJ-I-A65	980	1178 1967 2166	66.2 57.5 55.2	307.8 400.0 420.7	69.0 77.0 77.4	6.6	Y450-6 Y450-6 Y450-6	400/6000 500/6000 500/6000
	730	877 1465 1614	36.7 31.9 30.6	127.0 165.3 173.8	69.0 77.0 77.4	3.7	Y355M2-8 Y355L2-8 Y400-8	160/380 200/380 220/6000
300ZJ-I-A56	980	789 1415 1568	46.0 40.8 38.8	148.6 195.6 204.8	66.5 80.4 80.9	5.5	Y355M2-6 Y355L2-6 Y355L2-6	185/380 250/380 250/380
	730	588 1054 1168	25.5 22.6 21.5	61.4 80.7 84.5	66.5 80.4 80.9	3.5	Y315M—8 Y315L2-8 Y315L2-8	75/380 110/380 110/380
250ZJ-I-A103	730	734 1067 1573	110.5 106.7 98.9	366.3 455.5 568.7	60.3 69.6 74.5	4.3	Y450-8 Y500-8 Y500-8	450/6000 560/6000 710/6000
	590	593 862 1271	72.2 69.7 64.6	193.4 235.1 300.1	60.3 69.6 74.5	2.8	Y450-10 Y450-10 Y450-10	250/6000 280/6000 355/6000
250ZJ-I-A96	730	736 1076 1466	93.7 90.0 84.5	290.7 356.4 433.6	64.6 74.0 77.8	5.5	Y450-8 Y450-8 Y500-8	355/6000 450/6000 560/6000
	590	595 870 1185	61.2 58.8 55.2	153.5 188.3 229.0	64.6 74.0 77.8	3.5	Y450-10 Y450-10 Y450-10	185/6000 250/6000 280/6000
250ZJ-I-A90	730	690 1009 1374	82.4 79.1 74.3	255.5 310.5 376.7	60.6 70.0 73.8	5.3	Y450-8 Y450-8 Y450-8	315/6000 400/6000 450/6000
	590	558 816 1111	53.8 51.7 48.5	134.9 164.1 198.8	60.6 70.0 73.8	3.4	Y355L2-10 Y450-10 Y450-10	160/380 200/6000 250/6000

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ZJ-Series Slurry Pump Clear-water Performance for Direct-coupled Drive (3)

Model	Speed n	Flow Q	Head H	Shaft Power Pa	Efficiency η	NPSHr	Matching Motor	
							Model	Power / Voltage
	r/min	m^3/h	m	kW	%	m		kW/V
250ZJ-I-A85	980	752 1248 1504	128.7 124.4 120.4	446.0 587.2 652.3	59.1 72.0 75.6	5.5	Y450-6 Y500-6 Y500-6	560/6000 710/6000 800/6000
	730	560 930 1120	71.4 69.0 66.8	184.2 242.7 269.5	59.1 72.0 75.6	3.5	Y400-8 Y450-8 Y450-8	220/6000 315/6000 315/6000
250ZJ-I-A83	980	734 1219 1469	122.7 118.6 114.8	422.1 554.5 615.6	58.1 71.0 74.6	5.5	Y450-6 Y500-6 Y500-6	500/6000 710/6000 800/6000
	730	547 908 1094	68.1 65.8 63.7	174.6 229.2 254.4	58.1 71.0 74.6	3.5	Y400-8 Y400-8 Y450-8	220/6000 280/6000 315/6000
250ZJ-I-A80	980	708 1175 1416	114.0 110.2 106.7	391.8 511.1 566.7	56.1 69.0 72.6	5.4	Y450-6 Y450-6 Y500-6	500/6000 630/6000 710/6000
	730	527 875 1054	63.2 61.1 59.2	161.7 211.0 234.1	56.1 69.0 72.6	3.4	Y400-8 Y400-8 Y400-8	200/6000 280/6000 280/6000
250ZJ-I-A78	980	690 1145 1380	108.4 104.8 101.4	376.5 487.7 539.8	54.1 67.0 70.6	5.1	Y450-6 Y450-6 Y450-6	450/6000 630/6000 630/6000
	730	514 853 1028	60.1 58.1 56.3	155.5 201.4 223.3	54.1 67.0 70.6	3.2	Y355L1-8 Y400-8 Y400-8	185/380 250/6000 280/6000
250ZJ-I-A75	980	600 1100 1480	97.5 92.0 83.2	255.7 362.6 443.6	62.3 76.0 75.6	4.1	Y400-6 Y450-6 Y450-6	315/6000 450/6000 560/6000
	730	447 819 1102	54.1 51.0 46.2	105.7 149.7 183.4	62.3 76.0 75.6	3.0	Y355M1-8 Y355L1-8 Y400-8	132/380 185/380 220/6000

Hebei Ivy Pump Industry Co., Ltd.

ZJ-Series Slurry Pump Clear-water Performance for Direct-coupled Drive (4)

Model	Speed n	Flow Q	Head H	Shaft Power Pa	Efficiency η	NPSHr	Matching Motor	
							Model	Power / Voltage
	r/min	m^3/h	m	kW	%	m		kW/V
250ZJ-I-A73	980	584 1071 1441	92.4 87.2 78.8	239.7 339.1 414.5	61.3 75.0 74.6	4.1	Y400-6 Y400-6 Y450-6	280/6000 400/6000 500/6000
	730	435 797 1073	51.3 48.3 43.8	99.1 139.8 171.6	61.3 75.0 74.6	3.0	Y355M1-8 Y355L1-8 Y355L2-8	132/380 185/380 200/380
250ZJ-I-A70	980	560 1027 1381	84.9 80.1 72.5	218.3 306.9 375.6	59.3 73.0 72.6	3.9	Y400-6 Y400-6 Y450-6	280/6000 400/6000 450/6000
	730	417 764 1029	47.1 44.4 40.2	90.2 126.5 155.2	59.3 73.0 72.6	2.9	Y315L2-8 Y355M2-8 Y355L1-8	110/380 160/380 185/380
250ZJ-I-A68	980	544 997 1342	80.1 75.6 68.4	203.5 285.1 349.1	58.3 72.0 71.6	3.7	Y355-6 Y400-6 Y450-6	250/6000 355/6000 450/6000
	730	405 743 999	44.5 41.9 38.0	84.2 117.8 144.4	58.3 72.0 71.6	2.7	Y315L2-8 Y335M2-8 Y335L1-8	110/380 160/380 185/380
250ZJ-I-A65	980	597 970 1249	71.0 66.2 61.4	178.1 233.2 271.6	64.8 75.0 76.9	4.5	Y355-6 Y400-6 Y400-6	220/6000 280/6000 315/6000
	730	445 723 930	39.4 36.7 34.1	73.7 96.3 112.3	64.8 75.0 76.9	3.0	Y315L1-8 Y355M1-8 Y355M1-8	90/380 132/380 132/380
250ZJ-I-A63	980	579 940 1211	66.7 62.2 57.7	164.8 215.2 250.7	63.8 74.0 75.9	4.5	Y355-6 Y355-6 Y400-6	200/6000 250/6000 315/6000
	730	431 701 901	37.0 34.5 32.0	68.1 89.0 103.4	63.8 74.0 75.9	3.0	Y315L1-8 Y315L2-8 Y335M1-8	90/380 110/380 132/380

Hebei Ivy Pump Industry Co., Ltd.

ZJ-Series Slurry Pump Clear-water Performance for Direct-coupled Drive (5)

Model	Speed n	Flow Q	Head H	Shaft Power Pa	Efficiency η	NPSHr	Matching Motor	
							Model	Power / Voltage
	r/min	m^3/h	m	kW	%	m		kW/V
250ZJ-I-A60	980	551 895 1153	60.5 56.4 52.3	146.9 190.9 222.2	61.8 72.0 73.9	4.2	Y355M2-6 Y355L2-6 Y400-6	185/380 250/380 280/6000
	730	411 667 858	33.6 31.3 29.1	60.7 79.0 92.0	61.8 72.0 73.9	2.8	Y315M-8 Y315L2-8 Y315L2-8	75/380 110/380 110/380
200ZJ-I-A85	980	441 858 907	133.7 128.2 127.9	321.1 437.9 448.1	50.0 68.4 70.5	5.0	Y400-6 Y50-6 Y450-6	400/6000 560/6000 560/6000
	730	329 639 676	74.2 71.1 71.0	133.0 180.9 185.4	50.0 68.4 70.5	2.8	Y355M2-8 Y400-8 Y400-8	160/380 220/6000 220/6000
200ZJ-I-A75	980	450 750 900	102.9 95.7 91.0	205.4 271.5 306.4	61.4 72.0 72.8	4.5	Y355-6 Y400-6 Y400-6	250/6000 355/6000 355/6000
	730	335 559 670	57.1 53.1 50.5	84.8 112.3 126.6	61.4 72.0 72.8	3.0	Y315L2-8 Y355M1-8 Y355M2-8	110/380 132/380 160/380
200ZJ-I-A73	980	438 730 876	97.5 90.7 86.2	192.5 254.0 286.4	60.4 71.0 71.8	4.5	Y355-6 Y400-6 Y400-6	250/6000 315/6000 355/6000
	730	326 544 652	54.1 50.3 47.8	79.5 105.0 118.2	60.4 71.0 71.8	3.0	Y315L2-8 Y355M1-8 Y355M2-8	110/380 132/380 160/380
200ZJ-I-A70	980	409 738 976	86.4 82.3 77.6	172.5 230.7 272.8	55.8 71.7 75.6	3.8	Y355M3-6 Y400-6 Y400-6	200/380 280/6000 315/6000
	730	305 550 727	47.9 45.7 43.1	71.3 95.5 112.9	55.8 71.7 75.6	2.8	Y315L1-8 Y355M1-8 Y355M1-8	90/380 132/380 132/380

Hebei Ivy Pump Industry Co,Ltd.

ZJ-Series Slurry Pump Clear-water Performance for Direct-coupled Drive (6)

Model	Speed n	Flow Q	Head H	Shaft Power Pa	Efficiency η	NPSHr	Matching Motor	
							Model	Power / Voltage
	r/min	m^3/h	m	kW	%	m		kW/V
200ZJ-I-A68	980	397 717 948	81.5 77.7 73.2	160.8 214.6 253.3	54.8 70.7 74.6	3.8	Y355M3-6 Y355-6 Y400-6	200/380 250/6000 315/6000
	730	296 534 706	45.2 43.1 40.7	66.5 88.7 104.9	54.8 70.7 74.6	2.8	Y315L1-8 Y315L2-8 Y335M1-8	90/380 110/380 132/380
200ZJ-I-A65	980	470 820 950	72.0 68.1 65.6	145.8 197.5 213.2	63.2 77.0 79.6	4.3	Y355M2-6 Y355-6 Y355-6	185/380 250/6000 250/6000
	730	350 611 708	40.0 37.8 36.4	60.3 81.7 88.2	63.2 77.0 79.6	2.5	Y315M-8 Y315L2-8 Y315L2-8	75/380 110/380 110/380
200ZJ-I-A63	980	456 795 921	67.6 64.0 61.6	135.0 182.3 196.6	62.2 76.0 78.6	4.3	Y355M1-6 Y355-6 Y355-6	160/380 220/6000 250/6000
	730	339 592 686	37.5 35.5 34.2	55.7 75.3 81.3	62.2 76.0 78.6	2.5	Y315M-8 Y315L2-8 Y355L2-8	75/380 110/380 110/380
200ZJ-I-A60	980	435 740 870	62.0 58.0 55.5	114.0 146.1 159.0	64.4 80.0 82.7	4.0	Y315L2-6 Y355M2-6 Y355M2-6	132/380 185/380 185/380
	730	324 551 648	34.4 32.2 30.8	47.1 60.4 65.7	64.4 80.0 82.7	2.5	Y315M-8 Y315L1-8 Y315L1-8	75/380 90/380 90/380
200ZJ-I-A58	980	421 715 841	57.9 54.2 51.9	104.7 133.6 145.5	63.4 79.0 81.7	4.0	Y315L2-6 Y355M1-6 Y355M2-6	132/380 160/380 185/380
	730	313 533 626	32.1 30.1 28.8	43.2 55.3 60.1	63.4 79.0 81.7	2.5	Y315S-8 Y315M-8 Y315M-8	55/380 75/380 75/380

Hebei Ivy Pump Industry Co., Ltd.

ZJ-Series Slurry Pump Clear-water Performance for Direct-coupled Drive (7)

Model	Speed n	Flow Q	Head H	Shaft Power Pa	Efficiency η	NPSHr	Matching Motor	
							Model	Power / Voltage
	r/min	m^3/h	m	kW	%	m		kW/V
150ZJ-I-A70	980	186 285 401	91.2 87.1 79.8	95.4 115.8 139.9	48.4 58.4 62.3	3.0	Y315L2-6 Y355M1-6 Y355M2-6	132/380 160/380 185/380
	730	139 212 299	50.6 48.3 44.3	39.6 47.7 57.9	48.4 58.4 62.3	2.0	Y315S-8 Y315M-8 Y315M-8	55/380 75/380 75/380
150ZJ-I-A65	980	300 500 600	75.7 73.0 69.4	112.0 144.1 161.5	55.2 69.0 70.2	4.0	Y315L2-6 Y355M2-6 Y355M3-6	132/380 185/380 200/380
	730	223 372 447	42.0 40.5 38.5	46.2 59.5 66.8	55.2 69.0 70.2	2.5	Y315M-8 Y315M-8 Y315L1-8	75/380 75/380 90/380
150ZJ-I-A63	980	291 485 582	71.1 68.6 65.2	104.0 133.2 149.3	54.2 68.0 69.2	4.0	Y315L2-6 Y355M1-6 Y355M2-6	132/380 160/380 185/380
	730	216 361 433	39.5 38.0 36.2	42.9 54.9 61.7	54.2 68.0 69.2	2.5	Y315S-8 Y315M-8 Y315M-8	55/380 75/380 75/380
150ZJ-I-A60	980	270 470 550	63.5 60.5 58.7	80.2 107.6 117.9	58.2 72.0 74.6	3.8	Y315L1-6 Y315L2-6 Y355M1-6	110/380 132/380 160/380
	730	201 350 410	35.2 33.6 32.6	33.1 44.5 48.8	58.2 72.0 74.6	2.5	Y280M-8 Y315S-8 Y315M-8	45/380 55/380 75/380
150ZJ-I-A58	980	261 454 532	59.3 56.5 54.9	73.7 98.4 108.1	57.2 71.0 73.6	3.8	Y315M-6 Y315L2-6 Y315L2-6	90/380 132/380 132/380
	730	194 338 396	32.9 31.4 30.5	30.4 40.7 44.7	57.2 71.0 73.6	2.5	Y280S-8 Y315S-8 Y315S-8	37/380 55/380 55/380

Hebei Ivy Pump Industry Co., Ltd.

ZJ-Series Slurry Pump Clear-water Performance for Direct-coupled Drive (8)

Model	Speed n	Flow Q	Head H	Shaft Power Pa	Efficiency η	NPSHr	Matching Motor	
							Model	Power / Voltage
	r/min	m^3/h	m	kW	%	m		kW/V
150ZJ-I-A55	980	248	53.4	65.3	55.2	3.5	Y315M-6	90/380
		431	50.8	86.4	69.0		Y315L1-6	110/380
		504	49.3	94.5	71.6		Y315L1-6	110/380
	730	184	29.6	26.9	55.2	2.3	Y280S-8	37/380
		321	28.2	35.7	69.0		Y280M-8	45/380
		376	27.4	39.2	71.6		Y315S-8	55/380
150ZJ-I-C58	980	268	61.0	78.7	56.6	3.2	Y315L1-6	110/380
		458	56.0	105.5	66.2		Y315L2-6	132/380
		596	51.2	120.3	69.1		Y315M1-6	160/380
	730	200	33.8	32.5	56.6	2.0	Y280M-8	45/380
		341	31.1	43.6	66.2		Y315S-8	55/380
		444	28.4	49.7	69.1		Y315M-8	75/380
150ZJ-I-A57	980	190	56.3	63.2	46.1	2.9	Y315M-6	90/380
		301	55.4	77.6	58.5		Y315L1-6	110/380
		427	52.9	92.4	66.6		Y315L1-6	110/380
	730	142	31.2	26.2	46.1	1.8	Y280S-8	37/380
		224	30.7	32.0	58.5		Y280M-8	45/380
		318	29.4	38.2	66.6		Y315S-8	55/380
150ZJ-I-A50	980	230	43.1	42.6	63.3	3.0	Y280M-6	55/380
		380	40.0	55.2	75.0		Y315S-6	75/380
		460	37.8	61.7	76.8		Y315S-6	75/380
	730	171	23.9	17.6	63.3	2.5	Y250M-8	30/380
		283	22.2	22.8	75.0		Y250M-8	30/380
		343	21.0	25.5	76.8		Y280S-8	37/380
150ZJ-I-A48	980	221	39.7	38.4	62.3	3.0	Y280M-6	55/380
		365	36.9	49.6	74.0		Y315S-6	75/380
		442	34.8	55.3	75.8		Y315S-6	75/380
	730	164	22.0	15.8	62.3	2.5	Y225M-8	22/380
		272	20.5	20.5	74.0		Y250M-8	30/380
		329	19.4	22.9	75.8		Y250M-8	308/380

Hebei Ivy Pump Industry Co. Ltd.

ZJ-Series Slurry Pump Clear-water Performance for Direct-coupled Drive (9)

Model	Speed n	Flow Q	Head H	Shaft Power Pa	Efficiency η	NPSHr	Matching Motor	
							Model	Power / Voltage
	r/min	m^3/h	m	kW	%	m		kW/V
150ZJ-I-C42	1480	300 450 550	62.8 58.0 54.3	80.2 96.1 106.5	64.0 74.0 76.4	4.5	Y315S-4 Y315M-4 Y315M-4	110/380 132/380 132/380
	980	199 298 364	27.5 25.4 23.8	23.3 27.9 30.9	64.0 74.0 76.4	2.2	Y225M-6 Y250M-6 Y280S-6	30/380 37/380 45/380
100ZJ-I-A50	1480	180 300 360	100.2 95.0 91.6	85.7 113.3 131.7	57.3 68.5 68.2	4.5	Y315S-4 Y315M-4 Y315L1-4	110/380 132/380 160/380
	980	119 199 238	43.9 41.7 40.2	24.8 33.0 38.2	57.3 68.5 68.2	2.5	Y225M-6 Y280S-6 Y280M-6	30/380 45/380 55/380
100ZJ-I-A46	1480	166 276 331	84.8 80.4 77.5	69.3 90.9 105.5	55.3 66.5 66.2	4.2	Y280M-4 Y315S-4 Y315M-4	90/380 110/380 132/380
	980	109 183 219	37.2 35.3 34.0	20.0 26.5 30.6	55.3 66.5 66.2	2.3	Y225M-6 Y250M-6 Y250M-6	30/380 37/380 37/380
100ZJ-I-A42	1480	140 245 275	70.8 67.0 65.5	50.3 65.7 69.7	53.7 68.0 70.4	4.0	Y280S-4 Y280M-4 Y280M-4	75/380 90/380 90/380
	980	93 162 182	31.0 29.4 28.7	14.6 19.1 20.2	53.7 68.0 70.4	2.5	Y200L2-6 Y225M-6 Y225M-6	22/380 30/380 30/380
100ZJ-I-A39	1480	130 228 255	61.0 57.8 56.5	41.8 54.4 57.4	51.7 66.0 68.4	3.8	Y250M-4 Y280S-4 Y280S-4	55/380 75/380 75/380
	980	86 150 169	26.7 25.4 24.7	12.1 15.7 16.6	51.7 66.0 68.4	2.4	Y200L1-6 Y200L2-6 Y225M-6	18.5/380 22/380 30/380

Hebei Ivy Pump Industry Co., Ltd.

ZJ-Series Slurry Pump Clear-water Performance for Direct-coupled Drive (10)

Model	Speed n	Flow Q	Head H	Shaft Power Pa	Efficiency η	NPSHr	Matching Motor	
							Model	Power / Voltage
	r/min	m^3/h	m	kW	%	m		kW/V
100ZJG-I-B42	1480	96 149 205	70.7 63.8 56.3	35.6 42.4 49.7	51.9 61.0 63.2	2.8	Y225M-4 Y250M-4 Y280S-4	45/380 55/380 75/380
	980	64 99 136	31.0 28.0 24.7	10.4 12.4 14.5	51.9 61.0 63.2	1.8	Y180L-6 Y200L1-6 Y200L2-6	15/380 18.5/380 22/380
100ZJ-I-A36	1480	130 220 245	49.5 45.0 43.4	28.9 38.0 40.4	60.7 71.0 71.6	3.5	Y225S-4 Y250M-4 Y250M-4	37/380 55/380 55/380
	980	86 146 162	21.7 19.7 19.0	8.4 11.0 11.7	60.7 71.0 71.6	2.0	Y180L-6 Y180L-6 Y200L1-6	15/380 15/380 18.5/380
100ZJ-I-A33	1480	119 202 225	41.6 37.8 36.5	23.0 30.1 32.1	58.7 69.0 69.6	3.2	Y200L-4 Y225S-4 Y225M-4	30/380 37/380 45/380
	980	79 134 149	18.2 16.6 16.0	6.7 8.8 9.3	58.7 69.0 69.6	1.8	Y160L-6 Y180L-6 Y180L-6	11/380 15/380 15/380
80ZJ-I-A52	1480	107 182 242	109.8 105.5 99.0	82.5 100.6 115.9	38.8 52.0 56.3	4.3	Y315S-4 Y315M-4 Y315L1-4	110/380 132/380 160/380
	980	71 121 160	48.1 46.3 43.4	24.0 29.3 33.6	38.8 52.0 56.3	2.1	Y225M-6 Y250M-6 Y280S-6	30/380 37/380 45/380
80ZJ-I-A42	1480	130 170 204	70.4 67.2 64.2	41.8 47.9 53.5	59.6 65.0 66.7	4.2	Y250M-4 Y280S-4 Y280S-4	55/380 75/380 75/380
	980	86 113 135	30.9 29.5 28.1	12.1 14.0 15.5	59.6 65.0 66.7	2.5	Y200L1-6 Y200L2-6 Y200L2-6	18.5/380 22/380 22/380

Hebei IVY Pump Industry Co., Ltd.

ZJ-Series Slurry Pump Clear-water Performance for Direct-coupled Drive (11)

Model	Speed n	Flow Q	Head H	Shaft Power Pa	Efficiency η	NPSHr	Matching Motor	
							Model	Power / Voltage
	r/min	m^3/h	m	kW	%	m		kW/V
80ZJ-I-A39	1480	121 158 189	60.7 57.9 55.4	34.7 39.5 44.1	57.6 63.0 64.7	4.0	Y225M-4 Y250M-4 Y250M-4	45/380 55/380 55/380
	980	80 105 125	26.6 25.4 24.3	10.1 11.5 12.8	57.6 63.0 64.7	2.4	Y180L-6 Y200L1-6 Y200L1-6	15/380 18.5/380 18.5/380
80ZJ-I-A36	1480	98 140 190	51.4 48.0 42.7	23.6 27.7 32.6	58.2 66.0 67.7	3.7	Y200L-4 Y225S-4 Y225M-4	30/380 37/380 45/380
	980	65 93 126	22.5 21.0 18.7	6.8 8.1 9.5	58.2 66.0 67.7	2.5	Y160L-6 Y160L-6 Y180L-6	11/380 11/380 15/380
80ZJ-I-A33	1480	90 128 174	43.2 40.3 35.9	18.8 21.9 25.9	56.2 64.0 65.7	3.4	Y200L-4 Y200L-4 Y225S-4	30/380 30/380 37/380
	980	60 85 116	18.9 17.6 15.7	5.5 6.4 7.5	56.2 64.0 65.7	2.3	Y160M-6 Y160L-6 Y160L-6	7.5/380 11/380 11/380
65ZJ-I-A30	1460	47 62 79	34.8 33.9 32.0	7.9 9.2 10.8	56.2 62.0 63.5	3.0	Y160M-4 Y160L-4 Y160L-4	11/380 15/380 15/380
	960	31 41 52	15.0 14.7 13.8	2.3 2.6 3.1	56.2 62.0 63.5	2.0	Y132M1-6 Y132M2-6 Y132M2-6	4/380 5.5/380 5.5/380
65ZJ-I-A27	1460	42 56 71	28.2 27.5 25.9	6.0 7.0 8.1	54.2 60.0 61.5	2.7	Y160M-4 Y160M-4 Y160M-4	11/380 11/380 11/380
	960	28 37 47	12.2 11.9 11.2	1.7 2.0 2.3	54.2 60.0 61.5	1.8	Y132S-6 Y132M1-6 Y132M1-6	3/380 4/380 4/380

Hebei Ivy Pump Industry Co.,Ltd

ZJ-Series Slurry Pump Clear-water Performance for Direct-coupled Drive (12)

Model	Speed n	Flow Q	Head H	Shaft Power Pa	Efficiency η	NPSHr	Matching Motor	
							Model	Power / Voltage
	r/min	m^3/h	m	kW	%	m		kW/V
50ZJ-I-A50	1480	57 91 111	110.7 105.5 99.8	50.7 60.8 66.9	33.9 43.0 45.1	3.8	Y280S-4 Y280S-4 Y280M-4	75/380 75/380 90/380
	980	38 60 74	48.5 46.3 43.8	14.8 17.6 19.6	33.9 43.0 45.1	3.0	Y200L2-6 Y255M-6 Y255M-6	22/380 30/380 30/380
50ZJ-I-A46	1480	48 77 94	85.8 82.3 79.9	34.8 41.4 45.8	32.2 41.7 44.7	2.9	Y225M-4 Y250M-4 Y250M-4	45/380 55/380 55/380
	970	31 50 62	36.9 35.4 34.3	9.7 11.6 13.0	32.2 41.7 44.7	1.4	Y180L-6 Y180L-6 Y200L1-6	15/380 15/380 18.5/380
50ZJ-I-A33	1480	26 40 54	42.5 40.0 34.5	9.2 10.7 12.3	32.8 40.6 41.4	6.0	Y160L-4 Y180M-4 Y180M-4	15/380 18.5/380 18.5/380
	960	17 26 35	17.9 16.8 14.5	2.5 2.9 3.3	32.8 40.6 41.4	2.9	Y132M1-6 Y132M2-6 Y132M2-6	4/380 5.5/380 5.5/380
40ZJ-I-A17	2900	9 18 23	44.6 42.7 39.3	3.3 4.2 4.7	33.2 49.5 52.4	4.5	Y132S1-2 Y132S2-2 Y132S2-2	5.5/380 7.5/380 7.5/380
	1400	4 9 11	10.3 9.9 9.1	0.3 0.5 0.5	33.2 49.5 52.4	2.5	Y80L-4 T90S-4 T90S-4	0.55/380 1.1/380 1.1/380
40ZJ-I-A19	2930	16 30 35	57.0 55.0 54.0	6.3 8.1 8.8	39.2 55.4 58.8	4.7	Y160M1-2 Y160M2-2 Y160M2-2	11/380 15/380 15/380
	1430	7 15 17	14.0 13.5 13.0	0.7 1.0 1.0	39.2 55.4 58.8	2.8	Y100L1-4 Y100L2-4 Y100L2-4	2.2/380 3/380 3/380

Hebei Ivy Pump Industry Co.,Ltd.

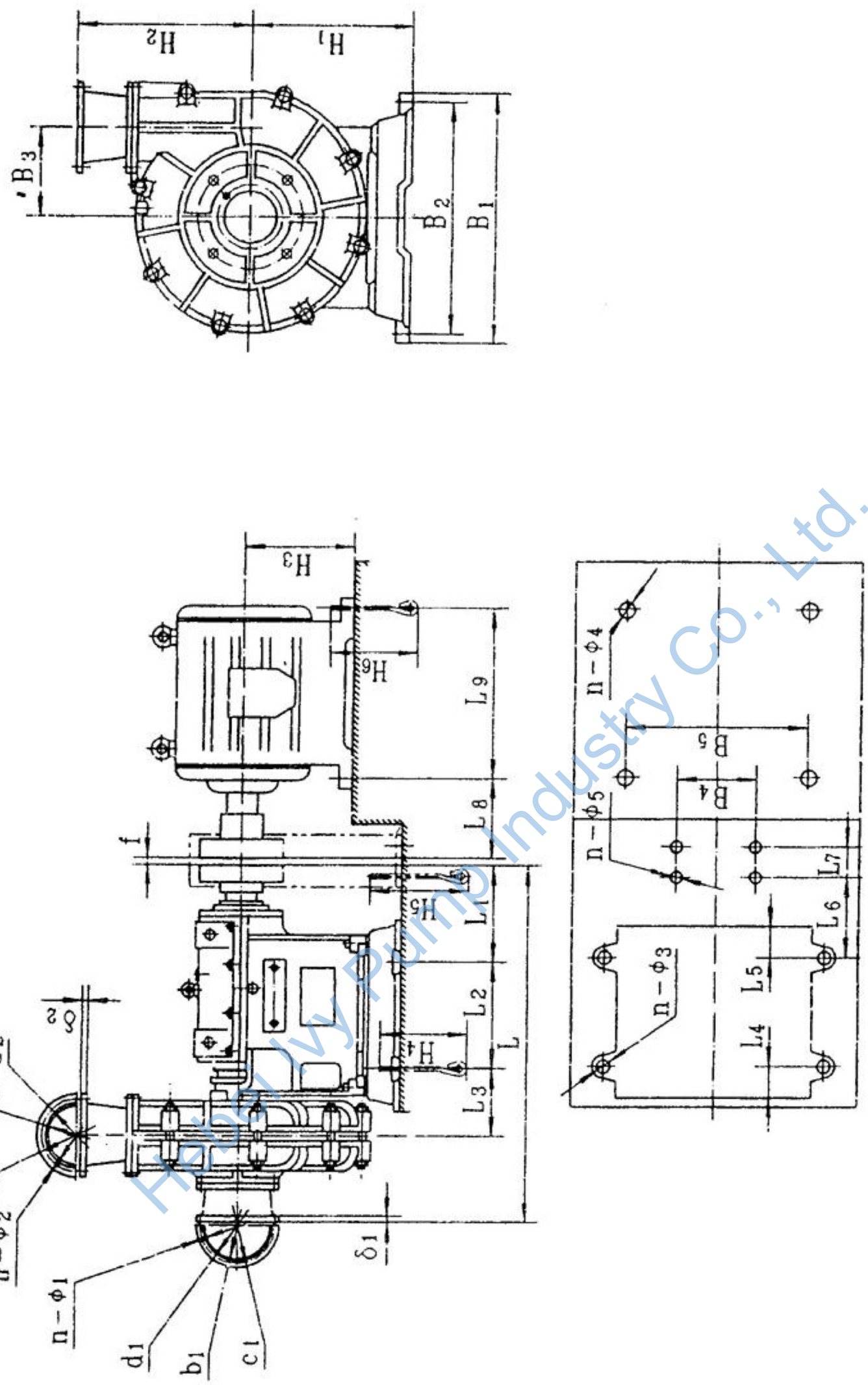
Clear-water Performance of ZJL-Type Slurry Pump

Model	Speed n	Flow Q	Head H	Shaft Power Pa	Efficiency η	Matching Motor
	r/min	m^3/h	m	kW	%	
150ZJL-A35	980	198 332 364	17.9 132 12.1	15.3 17.5 18.0	63.1 68.1 66.8	Y250M-6 V1 380V 37kW
	730	147 247 271	10.0 7.3 6.7	6.3 7.2 7.4	63.1 68.1 66.8	Y200L-8 V1 380V 15kW
	590	119 200 219	6.5 4.8 4.4	3.3 3.8 3.9	63.1 68.1 66.8	Y160L-6 B3 380V 11kW
100ZJL-A34	1480	157 214 293	36.8 32.6 24.4	26.1 29.2 33.5	60.2 65.1 58.2	Y225M-4 V1 380V 45kW
	970	103 140 192	15.8 14.0 10.5	7.4 8.2 9.4	60.2 65.1 58.2	U180L-6 V1 380V 15kW
80ZJL-A36	1480	105 144 201	45.5 41.4 32.5	25.0 27.9 32.8	52.1 58.2 54.2	Y225M-4 V1 380V 15kW
	970	69 94 132	19.5 17.8 14.0	7.0 7.8 9.3	52.1 58.2 54.2	Y180L-6 V1 38CV 15kW
65ZJL-A30	1470	38 58 98	34.7 31.9 26.0	8.2 9.7 13.4	43.7 51.9 51.7	Y180M-4 V1 380V 18.5kW
	960	25 38 64	14.8 13.6 11.1	2.3 2.7 3.7	43.7 51.9 51.7	Y132M2-6 B5 380V 5.5kW
50ZJL-A20	1440	17 25 38	10.7 9.2 5.9	1.4 1.6 2.0	34.9 38.6 31.2	Y112M-4 B5 380V 4kW
	910	11 16 24	4.3 3.7 2.4	0.4 0.4 0.5	34.9 38.6 31.2	Y90L-6 B5 380V 1.1kW
40ZJL-B25	1440	10.1 18.4 22.9	21.5 19.0 16.8	2.3 2.6 2.8	26.1 36.6 37.6	Y132S-4V1 380V 5.5kW
	910	6.4 11.6 14.5	8.6 7.6 6.7	0.6 0.7 0.7	26.1 36.6 37.6	Y90L-6V1 380V 1.1kW
40ZJL-A21	1440	9.5 20.3 25.9	17.0 15.3 14.1	1.6 2.0 2.2	27.9 42.4 44.6	Y112M-4V1 380V 4.0kW
	910	6.0 12.8 16.4	6.8 6.1 5.6	0.4 0.5 0.6	27.9 42.4 44.6	Y90L-6V1 380V 1.1kW

Note: 1. Except model 150ZJL-A35 at 590 r/min for belt drive, all others adopt direct-coupled drive.

2. V1, B3, B5 denote mounting forms of the motor.

Hebei Ivy Pump Industry Co., Ltd.



ZJ-Type Slurry Pump Direct-coupled Drive Installation Drawing (Separate Base Frame)

Hebei Ivy Pump Industry Co., Ltd.

ZJ-Type Slurry Pump Direct-coupled Drive Installation Dimensions (Separate Base) (1)

Item / Model	Motor Model	Motor Power(kW)	L_8	L_9	B_5	H_3	H_6	n-φ4	L / L_1	L_2 / L_3	L_4 / L_5	L_6 / L_7	B_1 / B_2	B_3 / B_4	H_1 / H_2	H_4 / H_5	f / n-φ3	n-φ1 / d1	b1 / c1	δ1 / δ2	n-φ2 / d2	b2 / c2	n-φ5
300ZJ-I-A100	Y450-10	315	605	1120	800	450	700	4-φ35	2208 / 635	630 / 470	240 / 240	518 / 240	1190 / 1100	610 / 500	1080 / 978	800 / 300	6 / 4-φ40	16-φ25 / φ515	Φ400 / Φ565	36 / 34	12-φ26 / φ410	Φ300 / Φ460	4-φ14
	Y500-10	450	725	1250	900	500	800	4-φ42															
	Y450-12	185	605	1120	800	450	700	4-φ35															
		250																					
300ZJ-I-A95	Y450-10	280																					
	Y500-10	400	725	1250	900	500	800	4-φ42															
	Y450-12	185	605	1120	800	450	700	4-φ35															
		220																					
300ZJ-I-A90	Y450-8	355							2151 / 450	630 / 605	372 / 108	333 / 240	1200 / 1110	560 / 500	1060 / 928			16-φ23 / φ460	Φ350 / Φ500	34 / 34	12-φ25 / φ410		
	Y500-8	500	725	1250	900	500	800	4-φ42															
	Y450-10	185	605	1120	800	450	700	4-φ35															
		280																					
300ZJ-I-A85	Y450-8	315																					
		450																					
	Y355L2-10	160	424	630	610	355	630	4-φ28															
	Y450-10	220	605	1120	800	450	700	4-φ35															
		250																					

Note: When other motor models are adopted, relevant installation dimensions for the motor shall be modified accordingly.

Hebei Ivy Pump Industry Co., Ltd.

ZJ-Type Slurry Pump Direct-coupled Drive Installation Dimensions (Separate Base) (2)

Item / Model	Motor Model	Motor Power (kW)	L_8	L_9	B_5	H_3	H_6	n-Φ4	L / L_1	L_2 / L_3	L_4 / L_5	L_6 / L_7	B_1 / B_2	B_3 / B_4	H_1 / H_2	H_4 / H_5	f / n-Φ3	n-Φ1 / d1	b1 / c1	δ1 / δ2	n-Φ2 / d2	b2 / c2	n-Φ5
300ZJ-I-A70	Y450-6	450	605	1120	800	450	700	4-Φ35	1931 / 437	630 / 415	200 / 170	320 / 240	1200 / 1110	470 / 810	810 / 758	800 / 300	6 / 4-Φ40	16-Φ23 / Φ460	Φ350 / Φ500	30 / 34	12-Φ25 / Φ410	Φ300 / Φ460	4-Φ14
		630																					
	Y355L1-8	185	424	630	610	355	630	4-Φ28															
	Y400-8	250	545	1000	710	400	700	4-Φ35															
300ZJ-I-A65	Y450-6	400	605	1120	800	450	700	4-Φ35															
		500																					
	Y355M2-8	160	424	560	610	355	630	4-Φ28															
	Y355L2-8	200		630																			
	Y400-8	220	545	1000	710	400	700	4-Φ35															
300ZJ-I-A56	Y355M2-6	185	424	560	610	355	630	4-Φ28	1936 / 453	630 / 409	200 / 170	336 / 240		400 / 500	810 / 748			16-Φ23 / Φ445	Φ350 / Φ485				
	Y355L2-6	250		630																			
	Y315M-8	75	386	457	508	315																	
	315L2-8	110		508																			
250ZJ-I-A103	Y450-8	450	605	1120	800	450	700	4-Φ35	2135 / 450	630 / 594	372 / 108	333 / 240		604 / 500	1060 / 983			12-Φ26 / Φ410	Φ300 / Φ460	42 / 34	12-Φ30 / Φ370	Φ250 / Φ425	
	Y500-80	560	725	1250	900	500	800	4-Φ42															
		710																					
	Y450-10	250	605	1120	800	450	700	4-Φ35															
		280																					
		355																					

Note: When other motor models are adopted, relevant installation dimensions for the motor shall be modified accordingly.

Hebei Ivy Pump Industry Co., Ltd.

ZJ-Type Slurry Pump Direct-coupled Drive Installation Dimensions (Separate Base) (3)

Item / Model	Motor Model	Motor Power(kW)	L_8	L_9	B_5	H_3	H_6	n-φ4	L / L_1	L_2 / L_3	L_4 / L_5	L_6 / L_7	B_1 / B_2	B_3 / B_4	H_1 / H_2	H_4 / H_5	f / n-φ3	n-φ1 / d1	b1 / c1	δ1 / δ2	n-φ2 / d2	b2 / c2	n-φ5
250ZJ-I-A96	Y450-8	335	605	1120	800	450	700	4-φ35	2135 / 450	630 / 594	372 / 108	333 / 240	1200 / 1110	565 / 500	1060 / 948	800 / 300	6 / 4-φ40	12-φ26 / φ410	Φ300 / φ460	42 / 34	12-φ30 / φ370	Φ250 / φ425	4-φ14
	Y450-8	450																					
	Y500-8	560	725	1250	900	500	800	4-φ42															
	Y450-10	185	605	1120	800	450	700	4-φ35															
		250																					
		280																					
250ZJ-I-A90	Y450-8	315																					
		400																					
		450																					
	Y355L2-10	160	424	630	610	355	630	4-φ28															
	Y450-10	200	605	1120	800	450	700	4-φ35															
		250																					
250ZJ-I-A85	Y450-6	560																					
	Y500-6	710	725	1250	900	500	800	4-φ42															
		800																					
	Y400-8	220	545	1000	710	400	700	4-φ35	2135 / 582	630 / 465	230 / 230	465 / 240		520 / 500	900 / 898								
	Y450-8	315	605	1120	800	450																	
250ZJ-I-A83	Y450-6	500																					
	Y500-6	710	725	1250	900	500	800	4-φ42															
		800																					
	Y400-8	220	545	1000	710	400	700	4-φ35															
		280																					
	Y450-8	315	605	1120	800	450																	

Note: When other motor models are adopted, relevant installation dimensions for the motor shall be modified accordingly.

Hebei Ivy Pump Industry Co., Ltd.

ZJ-Type Slurry Pump Direct-coupled Drive Installation Dimensions (Separate Base) (4)

Model \ Item	Motor		L_8	L_9	B_5	H_3	H_6	n-φ4	L / L_1	L_2 / L_3	L_4 / L_5	L_6 / L_7	B_1 / B_2	B_3 / B_4	H_1 / H_2	H_4 / H_5	f / n-φ3	n-φ1 / d1	b1 / c1	δ1 / δ2	n-φ2 / d2	b2 / c2	n-φ5
	Model	Power(kW)																					
250ZJ-I-A80	Y450-6	500	605	1120	800	450	700	4-φ35	2135 / 582	630 / 465	230 / 230	465 / 240	1200 / 1110	520 / 500	900 / 898	800 / 300	6 / 4-φ40	12-φ26 / φ410	φ300 / 4-φ460	42 / 34	12-φ30 / φ370	φ250 / φ425	4-φ14
	Y500-6	710	725	1250	900	500	800	4-φ42															
	Y400-8	200	545	1000	710	400	700	4-φ35															
		280																					
250ZJ-I-A78	Y450-6	450	605	1120	800	450																	
		630																					
	Y355L1-8	185	424	630	610	355	630	4-φ28															
	Y400-8	250	545	1000	710	400	700	4-φ35															
		280																					
250ZJ-I-A75	Y400-6	315																					
	Y450-6	450	605	1120	800	450																	
		560																					
	Y355M1-8	132	424	560	610	355	630	4-φ28	1913 / 454	630 / 392	200 / 170	337 / 240		460 / 500	810 / 818			12-φ23 / φ410		34 / 32	12-φ25 / φ355	φ205 / φ405	
	Y355L1-8	185		630																			
	Y400-8	220	545	1000	710	400	700	4-φ35															
250ZJ-I-A73	Y400-6	280																					
		400																					
	Y450-6	500	605	1120	800	450																	
	Y355M1-8	132	424	560	610	355	630	4-φ28															
	Y355L1-8	185		630																			
	Y355L2-8	200																					

Note: When other motor models are adopted, relevant installation dimensions for the motor shall be modified accordingly.

Hebei Ivy Pump Industry Co., Ltd.

ZJ-Type Slurry Pump Direct-coupled Drive Installation Dimensions (Separate Base) (5)

Item / Model	Motor Model	Motor Power(kW)	L_8	L_9	B_5	H_3	H_6	n-Φ4	L/L_1	L_2/L_3	L_4/L_5	L_6/L_7	B_1/B_2	B_3/B_4	H_1/H_2	H_4/H_5	f / n-Φ3	n-Φ1 / d1	b1 / c1	δ1 / δ2	n-Φ2 / d2	b2 / c2	n-Φ5
250ZJ-I-A70	Y400-6	280	545	1000	710	400	700	4-Φ35	1913 / 454	630 / 392	200 / 170	337 / 240	1200 / 1110	465 / 500	810 / 818	800 / 300	6 / 4-Φ40	12-Φ23 / Φ410	Φ300 / 4-Φ460	34 / 32	12-Φ25 / Φ355	Φ250 / Φ405	4-Φ14
		400																					
	Y450-6	450	605	1120	800	450																	
	Y315L2-8	110	386	508	508	315	630	4-Φ28															
	Y355M2-8	160	424	560	610	355																	
	Y355L1-8	185		630																			
250ZJ-I-A68	Y355-6	250	525	900	630																		
	Y400-6	355	545	1000	710	400	700	4-Φ35															
	Y450-6	450	605	1120	800	450																	
	Y315L2-8	110	386	508	508	315	630	4-Φ28															
	Y355M2-8	160	424	560	610	355																	
	Y355L1-8	185		630																			
250ZJ-I-A65	Y355-6	220	525	900	630																		
	Y400-6	280	545	1000	710	400	700	4-Φ35															
		315																					
	Y315L1-8	90	386	508	508	315	630	4-Φ28															
	Y355M1-8	132	424	560	610	355																	
250ZJ-I-A63	Y355-6	200	525	900	630																		
		250																					
	Y400-6	315	545	1000	710	400	700	4-Φ35															
	Y315L1-8	90	386	508	508	315	630	4-Φ28															
	Y315L2-8	110																					
	Y355L1-8	132	424	560	610	355																	

Note: When other motor models are adopted, relevant installation dimensions for the motor shall be modified accordingly.

Hebei KW Pump Industry Co., Ltd.

ZJ-Type Slurry Pump Direct-coupled Drive Installation Dimensions (Separate Base) (6)

Item / Model	Motor Model	Motor Power (kW)	L_8	L_9	B_5	H_3	H_6	n-φ4	L/L_1	L_2/L_3	L_4/L_5	L_6/L_7	B_1/B_2	B_3/B_4	H_1/H_2	H_4/H_5	f / n-φ3	n-φ1 / d1	b1 / c1	δ1 / δ2	n-φ2 / d2	b2 / c2	n-φ5
250ZJ-I-A60	Y355M2-6	185	424	560	610	355	630	4-φ28	1913/454	630/392	200/170	337/240	1200/1110	410/500	810/748	800/300	6/4-φ40	12-φ23/φ410	Φ300/φ460	34/32	12-φ25/φ355	Φ250/φ405	4-φ14
	Y355L2-6	250		630																			
	Y400-6	280	545	1000	710	400	700	4-φ35															
	Y315M-8	78	386	457	508	315	630	4-φ28															
	Y315L2-8	110		508																			
200ZJ-I-A85	Y400-6	400	545	1000	710	400	700	4-φ35	2081/582	630/447	230/230	465/240		505/500	900/868						12-φ26/φ310		
	Y450-6	560	605	1120	800	450																	
	Y355M2-8	160	424	560	610	355	630	4-φ28															
	Y400-8	220	454	1000	710	400	700	4-φ35															
200ZJ-I-A75	Y355-6	250	525	900	630	355	630	4-φ28	1753/374	640/323	125/125	257/240	1120/1020	440/500	650/783			12-φ23/φ355	Φ250/φ405	30/32	12-φ25/φ310	Φ200/φ360	
	Y400-6	355	545	1000	710	400	700	4-φ35															
	Y315L2-8	110	386	508	508	315	630	4-φ28															
	Y355M1-8	132	424	560	610	355																	
	Y355M2-8	160																					
200ZJ-I-A73	Y355-6	250	525	900	630	355	630	4-φ28															
	Y400-6	315	545	1000	710	400	700	4-φ35															
		355																					
	Y315L2-8	110	386	508	508	315	630	4-φ28															
	Y355M1-8	132	424	560	610	355																	
	Y355M2-8	160																					

Note: When other motor models are adopted, relevant installation dimensions for the motor shall be modified accordingly.

Rebeiw Pump Industry Co., Ltd.

ZJ-Type Slurry Pump Direct-coupled Drive Installation Dimensions (Separate Base) (7)

Model \ Item	Motor		L_8	L_9	B_5	H_3	H_6	n-φ4	L / L_1	L_2 / L_3	L_4 / L_5	L_6 / L_7	B_1 / B_2	B_3 / B_4	H_1 / H_2	H_4 / H_5	f / n-φ3	n-φ1 / d1	b1 / c1	δ1 / δ2	n-φ2 / d2	b2 / c2	n-φ5
	Model	Power(kW)																					
200ZJ-I-A70	Y355M3-6	200	424	560	610	355	630	4-φ28	1590 / 368	510 / 355	157 / 157	271 / 200	1050 / 950	420 / 420	710 / 730	800 / 300	6 / 4-φ40	12-φ23 / φ350	Φ250 / φ390	24 / 36	12-φ26 / φ310	Φ200 / φ360	4-φ14
	Y400-6	280	545	1000	710	400	700	4-φ35															
		315																					
	Y315L1-8	90	386	508	508	315	630	4-φ28															
	Y355M1-8	132	424	560	610	355																	
200ZJ-I-A68	Y355M3-6	200																					
	Y355-6	250	525	900	630																		
	Y400-6	315	545	1000	710	400	700	4-φ35															
	Y315L1-8	90	386	508	508	315	630	4-φ28															
	Y315L2-8	110																					
	Y355M1-8	132	424	560	610	355																	
200ZJ-I-A65	355M2-6	185																					
	Y355-6	250	525	900	630																		
	Y315M-8	75	386	457	508	315																	
	Y315L2-8	110		508																			
200ZJ-I-A63	Y355M1-6	160	424	560	610	355																	
	Y355-6	220	525	900	630																		
		250																					
	Y315M-6	75	386	457	508	315																	
	Y315L2-8	110		508																			

Note: When other motor models are adopted, relevant installation dimensions for the motor shall be modified accordingly.

Hebei Kaipu Pump Industry Co., Ltd.

ZJ-Type Slurry Pump Direct-coupled Drive Installation Dimensions (Separate Base) (8)

Item / Model	Motor Model	Motor Power(kW)	L_8	L_9	B_5	H_3	H_6	n-Φ4	L/L_1	L_2/L_3	L_4/L_5	L_6/L_7	B_1/B_2	B_3/B_4	H_1/H_2	H_4/H_5	f / n-Φ3	n-Φ1 / d1	b1 / c1	δ1 / δ2	n-Φ2 / d2	b2 / c2	n-Φ5
200ZJ-I-A60	Y355L2-6	132	386	508	508	315	630	4-Φ28	1593/355	510/371	157/157	258/200	1000/900	380/420	660/658	800/300	6/4-Φ40	12-Φ23/Φ350	Φ250/Φ390	24/36	12-Φ25/Φ310	Φ200/Φ360	4-Φ14
	Y355M2-6	185	424	560	610	355																	
	Y315M-8	75	386	457	508	315																	
	Y315L1-8	90		508																			
200ZJ-I-A58	Y315L2-6	132	424	560	610	355																	
	Y355M1-6	160																					
	Y355M2-6	185																					
	Y315S-8	55	386	406	508	315																	
	Y355M1-8	75		457																			
	315L2-6	132		508																			
150ZJ-I-A70	355M1-6	160	424	560	610	355			1602/368	510/331		271/200		410/420	660/748			12-Φ23/Φ295	Φ200/Φ335	26/32	8-Φ26/Φ250	Φ150/Φ300	
	Y355M2-6	185																					
	Y315S-8	55	386	406	508	315																	
	Y315M-8	75		457																			
150ZJ-I-A65	Y315L2-6	132	424	508	610	355			1570/368	510/343				380/420	660/678								
	Y355M2-6	185		560																			
	Y355M3-6	200																					
	Y315M-8	75	386	457	508	315																	
	Y315L1-8	90		508																			

Note: When other motor models are adopted, relevant installation dimensions for the motor shall be modified accordingly.

Hebei Wanlong Pump Industry Co., Ltd.

ZJ-Type Slurry Pump Direct-coupled Drive Installation Dimensions (Separate Base) (9)

Item / Model	Motor		L_8	L_9	B_5	H_3	H_6	n-Φ4	L/L_1	L_2/L_3	L_4/L_5	L_6/L_7	B_1/B_2	B_3/B_4	H_1/H_2	H_4/H_5	f / n-Φ3	n-Φ1 / d1	b1 / c1	δ1 / δ2	n-Φ2 / d2	b2 / c2	n-Φ5
	Model	Power(kW)																					
150ZJ-I-A63	Y315L2-26	132	386	508	508	315	630	4-Φ28	1570 / 368	510 / 343		271 / 200		380 / 420	660 / 678						8-Φ26 / Φ250		
	Y355M1-6	160	424	560	610	355																	
	Y355M2-6	185																					
	Y315S-8	55	386	406	508	315																	
	Y315M-8	75		457																			
150ZJ-I-A60	Y315L1-6	110		508																			
	Y315L2-6	132																					
	Y355M1-6	160	424	560	610	355																	
	Y280M-8	45	330	419	457	280	500	4-Φ24															
	Y315S-8	55	386	406	508	315	630	4-Φ28			157 / 157		1000 / 900			800 / 300	6 / 4-Φ40	8-Φ23 / Φ295	Φ200 / Φ335	26 / 32		Φ150 / Φ300	4-Φ14
	Y315M-8	75		457																			
150ZJ-I-A58	Y315M-6	90																					
	Y315L2-6	132		508																			
	Y280S-8	37	330	368	457	280	500	4-Φ24	1571 / 355	510 / 360		258 / 200		370 / 420	660 / 6578						8-Φ25 / Φ250		
	Y315S-8	55	386	406	508	315	630	4-Φ28															
150ZJ-I-A55	Y315M-6	90		457																			
	Y315L1-6	110		508																			
	Y280S-8	37	330	368	457	280	500	4-Φ24															
	Y280M-8	45		419																			
	Y315S-8	55	386	406	508	315	630	4-Φ28															

Note: When other motor models are adopted, relevant installation dimensions for the motor shall be modified accordingly.

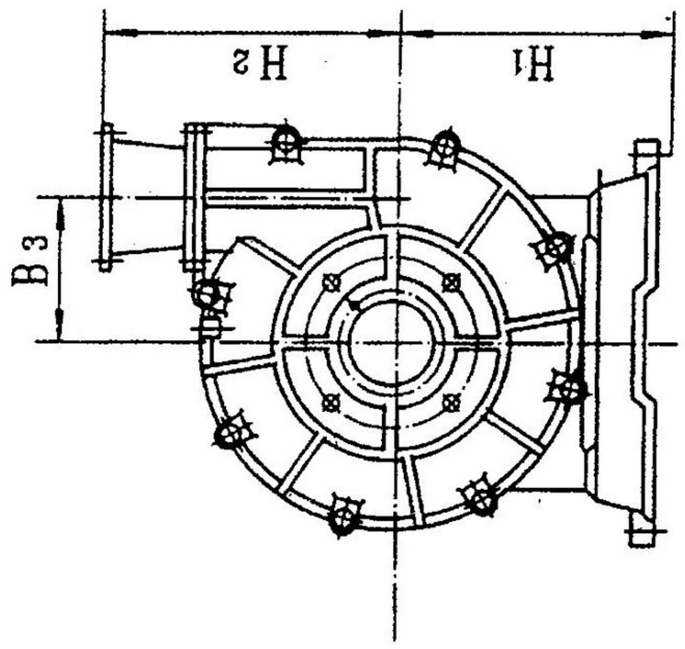
Hebei Ivy Pump Industry CO., Ltd.

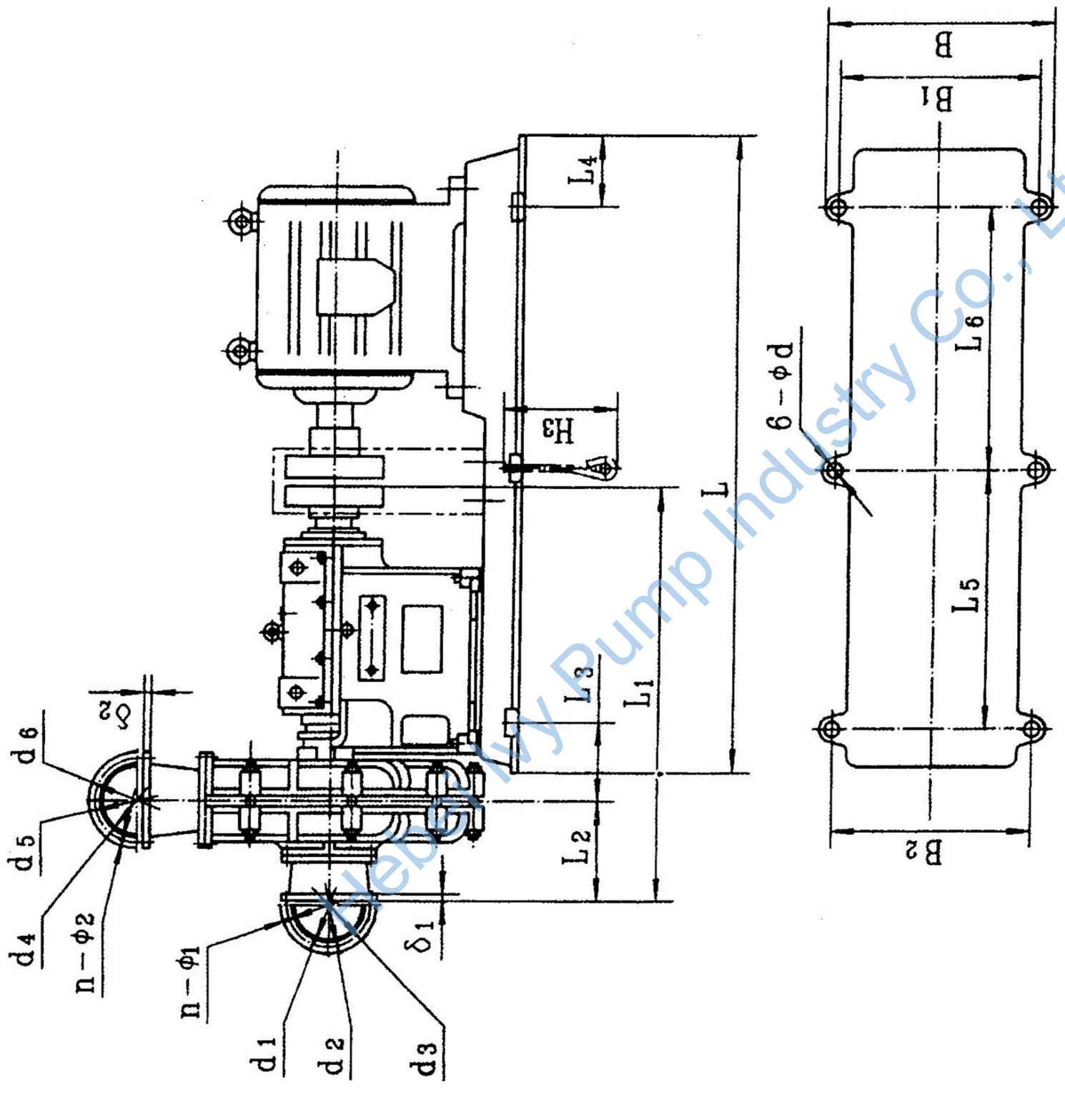
ZJ-Type Slurry Pump Direct-coupled Drive Installation Dimensions (Separate Base) (10)

Item / Model	Motor		L_8	L_9	B_5	H_3	H_6	n-Φ4	L/L_1	L_2/L_3	L_4/L_5	L_6/L_7	B_1/B_2	B_3/B_4	H_1/H_2	H_4/H_5	f / n-Φ3	n-Φ1 / d1	b1 / c1	δ1 / δ2	n-Φ2 / d2	b2 / c2	n-Φ5
	Model	Power(kW)																					
150ZJ-I-C58	Y315L1-6	110	386	508	508	315	630	4-Φ28	1567 / 355	510 / 358	157 / 157	258 / 200	1000 / 900	385 / 420	660 / 658	800 / 300	6 / 4-Φ40	8-Φ23 / Φ295	Φ200 / Φ335	26 / 32	8-Φ25 / Φ250	Φ150 / Φ300	4-Φ14
	Y315L2-6	132																					
	Y355M1-6	160	424	610	560	355																	
	Y280M-8	45	330	419	457	280	500	4-Φ24															
	Y315S-8	55	386	406	508	315	630	4-Φ28															
	Y315M-8	75		457																			
150ZJ-I-A57	Y315M-6	90							1571 / 355	510 / 360				370 / 420									
	Y315L1-6	110		508																			
	Y280S-8	37	330	368	457	280	500	4-Φ24															
	Y280M-8	45	386	419																			
	Y315S-8	55		406	508	315	630	4-Φ28															

Note: When other motor models are adopted, relevant installation dimensions for the motor shall be modified accordingly.

Hebei Ivy Pump Industry Co., Ltd.





ZJ-Type Slurry Pump Direct-coupled Drive Installation Drawing (Common Base Frame)

Hebei Wy Pump Industry Co., Ltd.

ZJ-Type Slurry Pump Direct-coupled Drive Installation Dimensions (Common Base) (1)

Item / Model	Motor Model	Motor Power(kW)	L	L_1	L_2	L_3	L_4	L_5	L_6	B	B_1	B_2	B_3	H_1	H_2	H_3	n-Φ1 / d1	d1 / d4	d2 / d5	d3 / d6	δ1 / δ2	6-Φd
150ZJ-I-A50	Y280M-6	55	1675	1351	338	335	110	712	712	822	742	680	300	540	598	630	8-Φ22 / 8-Φ22	Φ200 / Φ200	Φ295 / Φ295	Φ335 / Φ335	26 / 30	6-Φ30
	Y315S-6	75	1832				150	766	766	897	817											
	Y250M-8	30	1675				110	712	712	822	742											
	Y280S-8	37																				
150ZJ-I-A48	Y280M-6	55																				
	Y315S-6	75	1832				150	766	766	897	817											
	Y225M-8	22	1675																			
	Y250M-8	30					110	712	712	822	742											
150ZJ-I-C42	Y315S-4	110	1832	1345	330	337	150	766	766	897	817				578							
	Y315M-4	132																				
	Y225M-6	30	1675				110	712	712	822	742											
	Y250M-6	37																				
	Y280S-6	45																				
100ZJ-I-A50	Y315S-4	110	1832	1349	371	300	150	766	766	897	817		280		548		8-Φ18 / 8-Φ18	Φ150 / Φ100	Φ225 / Φ180	Φ260 / Φ215	23 / 20	
	Y315M-4	132																				
	Y315L1-4	160	1885				203															
	Y225M-6	30	1675				110	712	712	822	742											
	Y280S-6	45																				
	Y280M-6	55																				

Note: When other motor models are adopted, relevant installation dimensions for the motor shall be modified accordingly.

Hebei Ivy Pump Industry Co., Ltd.

ZJ-Type Slurry Pump Direct-coupled Drive Installation Dimensions (Common Base) (2)

Item / Model	Motor Model	Motor Power(kW)	L	L_1	L_2	L_3	L_4	L_5	L_6	B	B_1	B_2	B_3	H_1	H_2	H_3	n-Φ1 / d1	d1 / d4	d2 / d5	d3 / d6	δ1 / δ2	6-Φd
100ZJ-I-A46	Y280M-4	90	1675	1349	371	300	110	712	712	822	742	680	280	540	548	630	8-Φ18 / 8-Φ18	Φ150 / Φ100	Φ225 / Φ180	Φ260 / Φ215	23 / 20	6-Φ30
	Y315S-4	110	1832				150	766	766	897	817											
	Y315M-4	132																				
	Y225M-6	30	1675				110	712	712	822	742											
	Y225M-6	37																				
100ZJ-I-A42	Y280S-4	75	1626	1179	295	233	135	700	700	760	680		250	490	488							
	Y280M-4	90																				
	Y200L2-6	22	1385			247	103	590	590													
	Y225M-6	30	1452			246	101	625	625													
100ZJ-I-A39	Y250M-4	55	1555			240	128	650	650													
	Y280S-4	75	1626			233	135	700	700													
	Y200L1-6	18.5	1385			247	103	590	590													
	Y200L2-6	22																				
	Y225M-6	30	1452			246	101	625	625													
100ZJG-I-B42	Y225M-4	45		1156	296	222							248								23 / 22	
	Y250M-4	55	1555			216	128	650	650													
	Y280S-4	75	1626			209	135	700	700													
	Y180L-6	15	1355			227	102	575	575													
	Y200L1-6	18.5	1385			223	103	590	590													
	Y200L2-6	22																				

Note: When other motor models are adopted, relevant installation dimensions for the motor shall be modified accordingly.

Hebei Ivy Pump Industry Co., Ltd.

ZJ-Type Slurry Pump Direct-coupled Drive Installation Dimensions (Common Base) (3)

Item / Model	Motor Model	Motor Power(kW)	L	L_1	L_2	L_3	L_4	L_5	L_6	B	B_1	B_2	B_3	H_1	H_2	H_3	n-Φ1 / d1	d1 / d4	d2 / d5	d3 / d6	δ1 / δ2	6-Φd
100ZJ-I-A36	Y225S-4	37	1452	1170	290	242	101	625	625	760	680	680	220	490	468	630	8-Φ18 / 8-Φ18	Φ150 / Φ100	Φ225 / Φ180	Φ260 / Φ215	23 / 20	6-Φ30
	Y250M-4	55	1555			236	128	650	650													
	Y180L-6	15	1355			247	102	575	575													
	Y200L1-6	18.5	1385			243	103	590	590													
100ZJ-I-A33	Y200L-4	30																				
	Y225S-4	37	1452			242	101	625	625													
	Y225M-4	45																				
	Y160L-6	11	1355			247	102	575	575													
	Y180L-6	15																				
80ZJ-I-A52	Y315S-4	110	1832	1337	358	301	150	766	766	897	817		300	540	548		Φ125 / Φ80	Φ200 / Φ160	Φ235 / Φ195	20 / 20		
	Y315M-4	132																				
	Y315L1-4	160	1932			351	200															
	Y225M-6	30	1675			301	110	712	712	822	742											
	Y250M-6	37																				
	Y280S-6	45																				
80ZJ-I-A42	Y250M-4	55	1555	1157	284	229	128	650	650	760	680		240	490	488							
	Y280S-4	75	1626			222	135	700	700													
	Y200L1-6	18.5	1385			236	103	590	590													
	Y200L2-6	22																				

Note: When other motor models are adopted, relevant installation dimensions for the motor shall be modified accordingly.

Hebei Wy Pump Industry Co., Ltd.

ZJ-Type Slurry Pump Direct-coupled Drive Installation Dimensions (Common Base)（共同底座） (4)

Item / Model	Motor Model	Motor Power(kW)	L	L_1	L_2	L_3	L_4	L_5	L_6	B	B_1	B_2	B_3	H_1	H_2	H_3	n-Φ1 / d1	d1 / d4	d2 / d5	d3 / d6	δ1 / δ2	6-Φd
80ZJ-I-A39	Y225M-4	45	1452	1157	284	235	101	625	625	760	680	680	240	490	488	630	8-Φ18 / 8-Φ18	Φ125 / Φ80	Φ200 / Φ160	Φ235 / Φ195	Φ20 / 20	6-Φ30
	Y250M-4	55																				
	180L-6	15	1355			240	102	575	575													
	Y200L1-6	18.5	1385			236	103	590	590													
80ZJ-I-A36	Y200L-4	30																				
	Y225S-4	37	1452			235	101	625	625													
	Y225M-4	45																				
	Y160L-6	11	1355			240	102	575	575													
	Y180L-6	15		1156	283																	
80ZJ-I-A33	Y200L-4	30	1385			236	103	590	590				215		468							
	Y225S-4	37	1452			235	101	625	625													
	Y160M-6	7.5	1355			240	102	575	575													
	Y160L-6	11																				
65ZJ-I-A30	Y160M-4		1140	976	267	196	100	470	470	650	580	580	160	365	452	500	4-Φ18 / 4-Φ18	Φ100 / Φ65	Φ170 / Φ145	Φ205 / Φ180	21 / 23	6-Φ27
	Y160L-4	15																				
	Y132M1-6	4																				
	Y132M2-6	5.5																				

Note: When other motor models are adopted, relevant installation dimensions for the motor shall be modified accordingly.

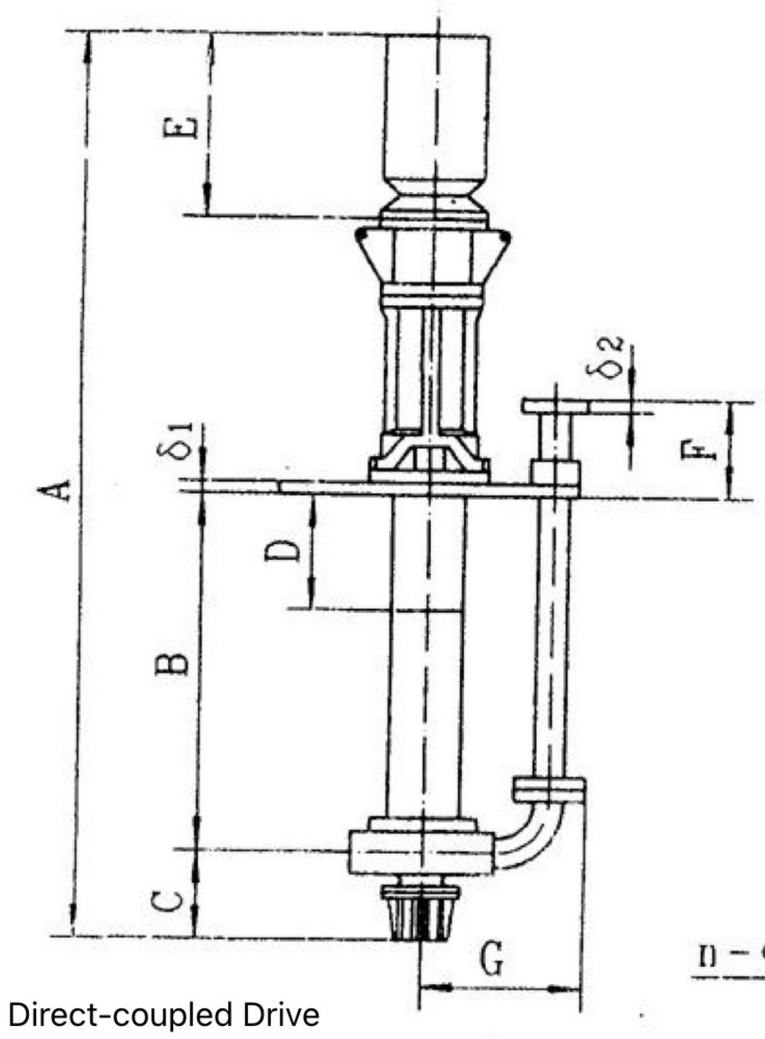
Hebei Ivy Pump Industry Co., Ltd.

ZJ-Type Slurry Pump Direct-coupled Drive Installation Dimensions (Common Base) (5)

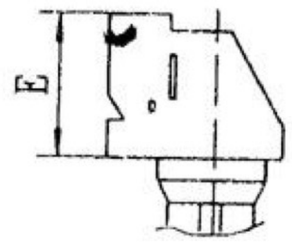
Item / Model	Motor Model	Motor Power(kW)	L	L_1	L_2	L_3	L_4	L_5	L_6	B	B_1	B_2	B_3	H_1	H_2	H_3	n-Φ1 / d1	d1 / d4	d2 / d5	d3 / d6	δ1 / δ2	6-Φd
65ZJ-I-A27	Y160M-4	11	1140	976	267	196	100	470	470	650	580	580	160	365	452	500	4-Φ18 / 4-Φ18	Φ100 / Φ65	Φ170 / Φ145	Φ205 / Φ180	21 / 20	6-Φ27
	Y132-6	3																				
	Y132M1-6	4																				
50ZJ-I-A50	Y280S-4	75	1780	1223	245	330	180	710	710	900	820	730	273	540	475	630	4-Φ18 / 4-Φ18		Φ169 / Φ125	Φ200 / Φ165	20 / 20	6-Φ30
	Y280M-4	90																				
	Y200L2-6	22	1675			300	110	712	712	822	742	680										
	Y225M-6	30																				
50ZJ-I-A46	Y225M-4	45	1452	1171	295	238	101	625	625	760	680		258	490	503		8-Φ18 / 8-Φ18	Φ80 / Φ50	Φ155 / Φ145	Φ200 / Φ180	22 / 22	
	Y250M-4	55	1555			232	128	650	650													
	Y180L-6	15	1355			243	102	575	575													
	Y200L1-6	18.5	1385			239	103	590	590													
50ZJ-I-A33	Y160L-4	15	1140	968	259	196	100	470	470	650	580	580	200	365	428	500	4-Φ18 / 4-Φ18			Φ190 / Φ180	21 / 23	6-Φ27
	Y180M-4	18.5																				
	Y132M1-6	4																				
	Y132M2-6	5.5																				
40ZJ-I-A17	Y132S1-2	5.6	740	591	95	146	30	340	340	260	200	200	100	230	185	300	4-Φ12 / 4-Φ12	Φ40 / Φ40	Φ100 / Φ100	Φ125 / Φ125	19 / 19	6-Φ14
	Y132S2-2	7.5																				
	Y80L-4	0.55	600					270	270													
	Y90S-4	1.1																				

Note: When other motor models are adopted, relevant installation dimensions for the motor shall be modified accordingly.

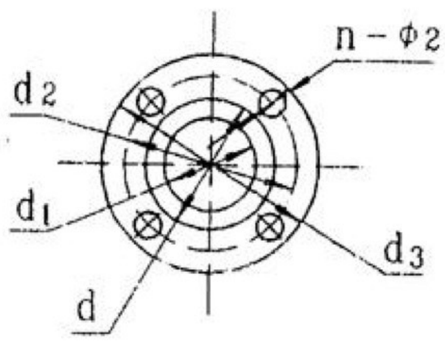
Hebei Ivy Pump Industry Co., Ltd.



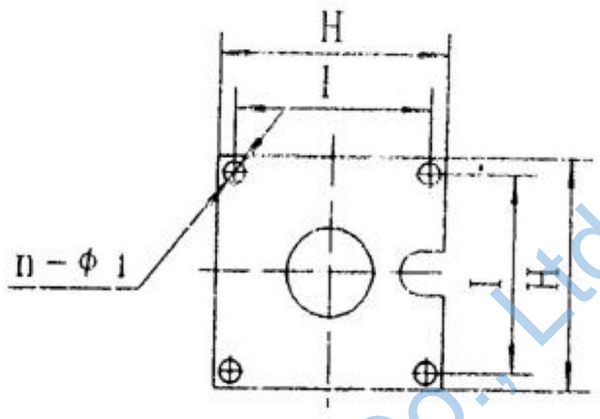
Direct-coupled Drive



Belt Drive



Outlet Flange



Support Plate

ZJL-Type Slurry Pump Installation Drawing and Installation Dimension Table

Model	Matching Motor	Transmission Type	A	B	C	D	E	F	G	H	H	n-Φ1	δ1	Outlet Flange						Pump Weight (with Motor) (kg)
150ZJL-35	250M-6 37kW V1 Y200L-8 15kW V1 Y160L-6 11Kw B3	DC DC ZV	3093 2908 2674	1049	360		895 740 702	221	610	1150	1080			Φ150	φ200	φ225	φ260	8-φ18	22	1300 1190 1046
100ZJL-34	225M-4 45kW V1 Y180L-6 15Kw V1	DC DC	2930 2765	1031	310		795 660	214	573	1180	1110	4-φ25		Φ100	φ145	φ170	φ205	4-Φ18		1183 1036
80ZJL-36	225M-4 45kW V1 Y180L-6 15Kw V1	DC DC	2887 2722			350	795 660	212	543	1120	1050		25	Φ80	φ125	φ150	φ185		18	993 846
65ZJL-30	Y180M-4 18.5kW V1 Y132M2-6 5.5Kw B5	DC DC	2673 2458	1028	270		620 435	212	416	712	672	4-φ22		Φ65	φ115	φ130	φ160	4-Φ14		703 614
50ZJL-20	Y125M-4 4kW B5 Y90L-6 1.1Kw B5	DC DC	1941 1881	814	195		340 290	141	321	600	540	4-φ25		Φ50	φ90	φ110	φ140		16	293 275

Note: Dimension D indicates the highest liquid-level position.

Hebei Ivy Pump Industry Co., Ltd.