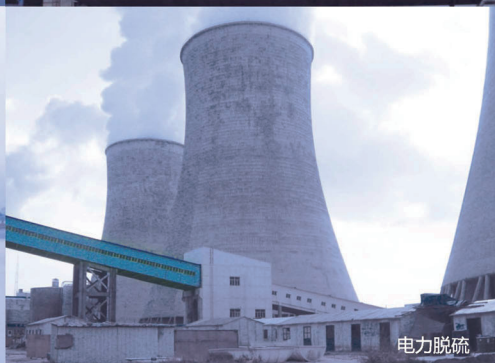


凯泉集团渣浆泵

KaiQuan Slurry pump



ISO9001 2008 版国际质量体系认证
ISO9001 Certified(version 2008)

KZJ Series Slurry Pump

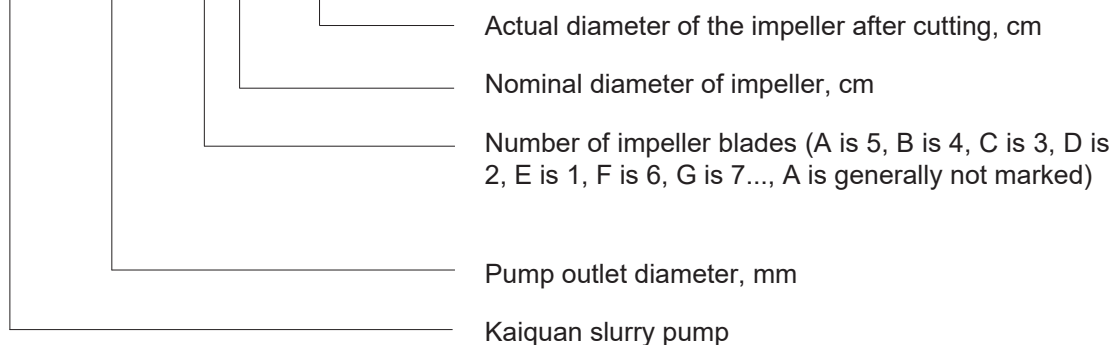
Product Overview

KZJ series is a single stage, horizontal centrifugal slurry pump, is my company Shijiazhuang factory according to the coal, electric power, metallurgy, chemical, building materials and other basic industries on the actual needs of slurry pump increasing day by day, according to the complexity and particularity of its application conditions and research and development of a new type of anti-wear corrosion type slurry pump. This series of pumps are used in hydraulic model design, structure design, and wear resistant material, widely absorbs the domestic and foreign advanced technology and the research results and innovation, with high efficiency, energy saving, little vibration, low noise, reliable operation, long service life, convenient maintenance, the comprehensive performance of the pump in the domestic leading level, most of the pump efficiency refers to the international advanced level. The technical conditions of this product conform to JB/T8096-1998 "centrifugal slurry pump" standard.



Model significance

KZJ 100 — A 42 (39)



Main features

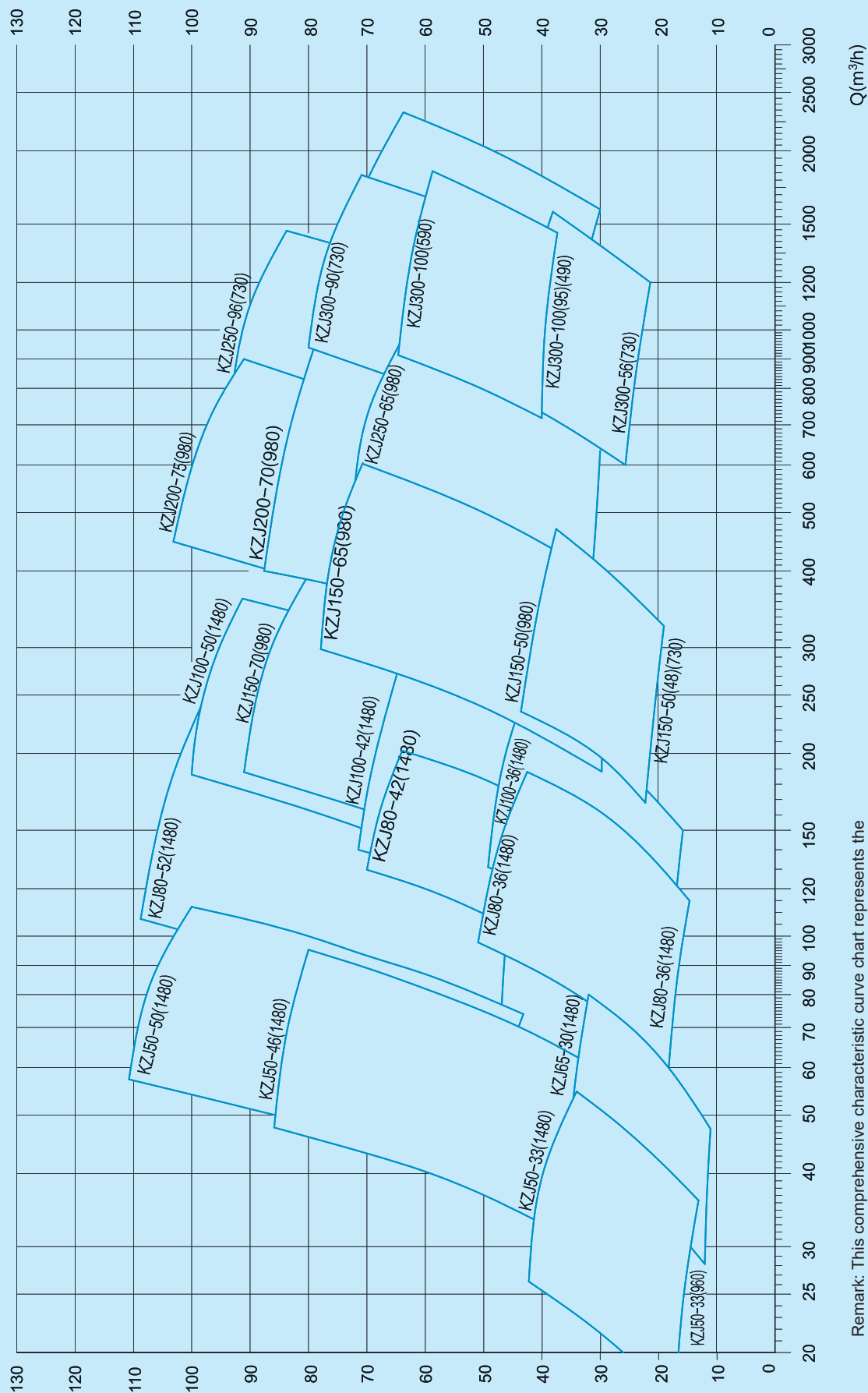
1. Excellent hydraulic performance, high efficiency, wear bottom, spacious flow channel, anti-blocking, excellent cavitation performance.
2. Adopt auxiliary impeller + packing combined seal, mechanical seal and single packing seal in three forms, suitable for different working conditions.
3. The research and development of a variety of materials, so that it can adapt to different working conditions, the product has a high cost performance.
4. Large capacity oil tank, thin oil bath lubrication, the service life of the bearing is greatly extended.
5. Large bracket design, large shaft diameter design, good rigidity, smooth operation.

The unique rotor axial adjustment device makes the field adjustment of the impeller more convenient.

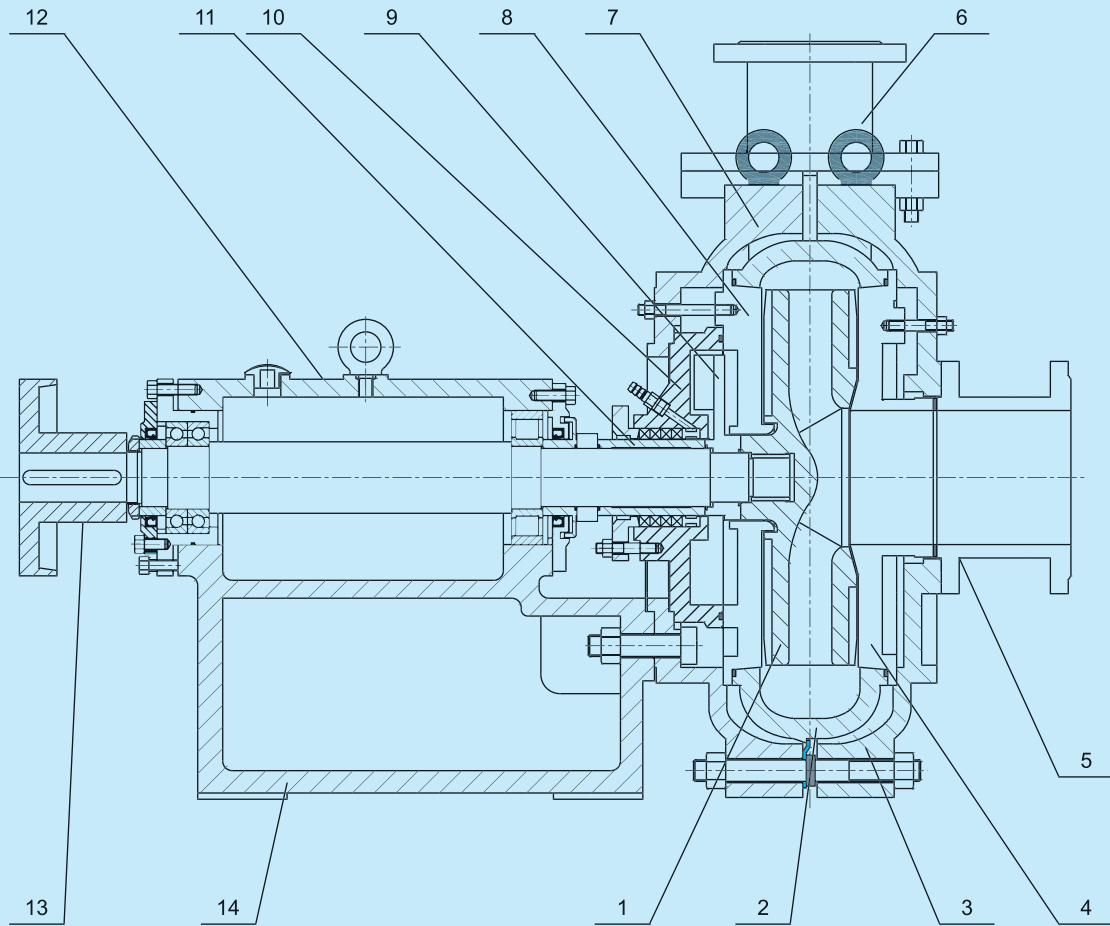
Application field

KZJ series products are widely used in metallurgy, steel mills, coal preparation, ore dressing, alumina and flue gas desulfurization projects and peripheral systems. It is mainly used for conveying abrasive slurry containing solid particles, such as the feeding pump of mines, all kinds of concentrate, tailings conveying, slag removal of power plants, steel mills, coal preparation plant conveying slime, heavy medium and so on. The weight concentration of pulp can reach 45% of mortar and 60% of pulp.

Comprehensive Characteristic Curve Chart of KZJ Series Slurry Pump



Remark: This comprehensive characteristic curve chart represents the approximate performance of clean water only, and is for preliminary selection.

Structural Diagram of KZJ Series Slurry Pump


No.	Name	Material	No.	Name	Material
1	Impeller	KmTBCr27	8	Rear guard	KmTBCr27
2	Volute	KmTBCr27	9	Auxiliary Impeller	QT500-7
3	Front pump housing	QT500-7	10	Stuffing box	QT500-7
4	Front guard	KmTBCr27	11	Shaft sleeve	4Cr13
5	Short water inlet pipe	QT500-7	12	Bracket cover	HT200
6	Short water outlet pipe	QT500-7	13	Coupling	HT200
7	Rear casing	QT500-7	14	Bracket body	HT200

Clear water performance parameter table of KZ series slurry pump

Model	Rotation Speed r/min	Capacity		Head m	Shaft Power kW	Efficiency %	(NPSH) _r m	Matching Motor	
		m ³ /h	L/s					Model	Power/Voltage kW/V
KZJ40-17	2900	9	2.5	44.5	3.3	33	4.5	Y132S1-2	5.5
		18	5	42.5	4.2	50		Y132S2-2	7.5
		23	6.4	39.2	4.6	53		Y132S2-2	7.5
	1400	4	1.1	10.4	0.3	33	2.5	Y80M1-4	0.55
		9	2.5	9.8	0.5	50		Y90S-4	1.1
		11	3.1	9	0.5	53		Y90S-4	1.1
KZJ40-19	2930	16.3	4.5	57.1	6.5	39.2	4.9	Y160M1-2	11
		30	8.3	54.9	8.1	55.4		Y160M1-2	11
		34.9	9.7	53.7	8.7	58.8		Y160M1-2	11
	1430	8	2.2	13.6	0.8	39.2	1.3	Y90L-4	1.5
		14.6	4.1	13.1	0.9	55.4		Y90L-4	1.5
		17	4.7	12.8	1	58.8		Y100L1-4	2.2
KZJ50-33	1480	26	7.2	42.5	9.2	32.8	6	Y160L-4	15
		40	11.1	40	10.7	40.6		Y180M-4	18.5
		54	15	34.5	12.3	41.4		Y180M-4	18.5
	960	17	4.7	17.9	2.5	32.8	2.9	Y132M1-6	4
		26	7.2	16.8	2.9	40.6		Y132M2-6	5.5
		35	9.7	14.5	3.3	41.4		Y132M2-6	5.5
KZJ50-46	1480	48	13.3	85.8	34.8	32.2	2.9	Y225M-4	45
		77	21.4	82.3	41.4	41.7		Y250M-4	55
		94	26.1	79.9	45.8	44.7		Y250M-4	55
	970	31	8.6	36.9	9.7	32.2	1.4	Y180L-6	15
		50	13.9	35.4	11.6	41.7		Y180L-6	15
		62	17.2	34.3	13	44.7		Y200L1-6	18.5
KZJ50-50	1480	57	15.8	110.7	50.7	33.9	3.8	Y280S-4	75
		91	25.3	105.5	60.8	43		Y280S-4	75
		111	30.8	99.8	66.9	45.1		Y280M-4	90
	980	38	10.6	48.5	14.8	33.9	3	Y200L2-6	22
		60	16.7	46.3	17.6	43		Y225M-6	30
		74	20.6	43.8	19.6	45.1		Y225M-6	30
KZJ65-30	1480	48	13.3	35.8	8.3	56.2	3	Y160M-4	11
		63	17.5	34.8	9.6	62		Y160M-4	11
		80	22.2	32.9	11.3	63.5		Y160L-4	15
	980	32	8.9	15.7	2.4	56.2	2	Y132M1-6	4
		42	11.7	15.3	2.8	62		Y132M2-6	5.5
		53	14.7	14.4	3.3	63.5		Y132M2-6	5.5
KZJ80-36	1480	98	27.2	51.5	23.6	58.2	3.7	Y200L-4	30
		145	40.3	48.6	29	66.2		Y225S-4	37
		190	52.8	44.7	32.6	67.7		Y225M-4	45
	980	63	17.5	22.6	6.7	58.2	2.5	Y160L-6	11
		96	26.7	21.3	8.4	66.2		Y160L-6	11
		126	35	19.6	9.5	67.7		Y180L-6	15
KZJ80-42	1480	130	36.1	70.6	40.5	61.7	4.2	Y250M-4	55
		170	47.2	67.2	47.1	66.1		Y280S-4	75
		204	56.7	64.2	52.6	67.8		Y280S-4	75
	980	85	23.6	31	11.6	61.7	2.5	Y200L1-6	18.5
		112	31.1	29.6	13.7	66.1		Y200L2-6	22
		135	37.5	28.1	15.2	67.8		Y200L2-6	22

Clear water performance parameter table of KZ series slurry pump

Model	Rotation Speed r/min	Capacity		Head m	Shaft Power kW	Efficiency %	(NPSH) _r m	Matching Motor	
		m ³ /h	L/s					Model	Power/Voltage kW/V
KZJ80-52	1480	107	29.7	109.8	82.5	38.8	4.3	Y315S-4	110
		182	50.6	105.5	100.6	52		Y315M-4	132
		242	67.2	99	115.9	56.3		Y315L1-4	160
	980	71	19.7	48.1	24	38.8	2.1	Y225M-6	30
		121	33.6	46.3	29.3	52		Y250M-6	37
		160	44.4	43.4	33.6	56.3		Y280S-6	45
KZJ100-36	1480	130	36.1	48.6	27.1	63.4	3	Y225S-4	37
		210	58.3	43.3	34.6	71.6		Y225M-4	45
		245	68.1	40.6	37.3	72.6		Y250M-4	55
	980	85	23.6	21.3	7.8	63.4	2	Y180L-6	15
		140	38.9	19	10.1	71.6		Y180L-6	15
		160	44.4	17.8	10.7	72.6		Y200L1-6	18.5
KZJ100-42	1480	140	38.9	71	49.2	55	3.9	Y280S-4	75
		245	68.1	67	63.9	70		Y280M-4	90
		275	76.4	65.5	69.1	71		Y280M-4	90
	980	95	26.4	31	14.6	55	2.5	Y200L2-6	22
		160	44.4	29.4	18.3	70		Y225M-6	30
		180	50	28.7	19.8	71		Y225M-6	30
KZJ100-B42	1480	176	48.9	66.8	55.7	57.5	5.1	Y280S-4	75
		309	85.8	60.5	73.3	69.5		Y280M-4	90
		365	101.4	56.9	79	71.6		Y280M-4	90
	980	117	32.5	29.3	16.2	57.5	2.5	Y200L2-6	22
		205	56.9	26.5	21.3	69.5		Y225M-6	30
		242	67.2	24.9	22.9	71.6		Y225M-6	30
KZJ100-50	1480	180	50	101.6	86.2	57.8	4.1	Y315S-4	110
		300	83.3	95	112.6	68.9		Y315M-4	132
		360	100	90.2	124	71.3		Y315L1-4	160
	980	120	33.3	44.6	25.2	57.8	2.5	Y225M-6	30
		195	54.2	41.5	32	68.9		Y280S-6	45
		240	66.7	39.6	36.3	71.3		Y280M-6	55
KZJ150-50	980	230	63.9	43.1	41.5	65	3.2	Y280M-6	55
		380	105.6	40.5	54.4	77		Y315S-6	75
		460	127.8	37	59.4	78		Y315S-6	75
	730	171	47.5	23.9	17.1	65	2.5	Y250M-8	30
		280	77.8	22	21.8	77		Y250M-8	30
		343	95.3	21.1	25.3	78		Y280S-8	37
KZJ150-60	980	270	75	64.5	79	60	3.8	Y315L1-6	110
		470	130.6	61.7	105.3	75		Y315L2-6	132
		550	152.8	59.2	114.4	77.5		Y355M1-6	160
	730	200	55.6	35.5	32.2	60	2.5	Y280M-8	45
		350	97.2	34.2	43.5	75		Y315S-8	55
		410	113.9	32.9	47.4	77.5		Y315M-8	75
KZJ150-65	980	300	83.3	78.5	114.5	56	3.9	Y315L2-6	132
		500	138.9	75	148	69		Y355M2-6	185
		600	166.7	72.5	164.5	72		Y355M3-6	200
	730	225	62.5	43.5	47.6	56	2.5	Y315M-8	75
		370	102.8	41.6	60.7	69		Y315M-8	75
		450	125	40.2	68.4	72		Y315L1-8	90

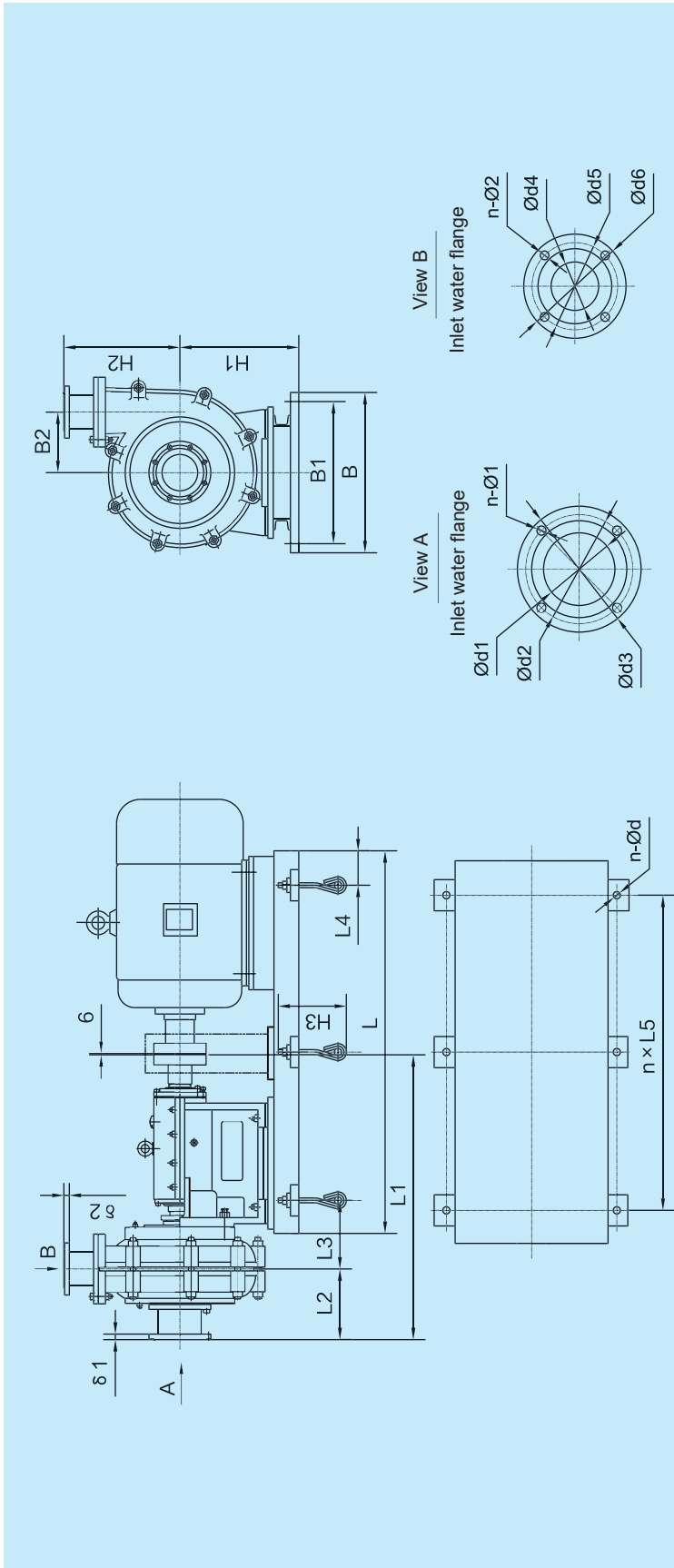
Clear water performance parameter table of KZ series slurry pump

Model	Rotation Speed r/min	Capacity		Head m	Shaft Power kW	Efficiency %	(NPSH) _r m	Matching Motor	
		m ³ /h	L/s					Model	Power/Voltage kW/V
KZJ150-70	980	186	51.7	91.2	95.4	48.4	3	Y315L2-6	132
		285	79.2	87.1	115.8	58.4		Y355M1-6	160
		400	111.1	80	139.9	62.3		Y355M2-6	185
	730	140	38.9	50.6	39.9	48.4	2	Y315S-8	55
		212	58.9	48.3	47.7	58.4		Y315M-8	75
		300	83.3	44.3	58.1	62.3		Y315M-8	75
KZJ200-60	980	435	120.8	64	112.8	67.2	4	Y315L2-6	132
		760	211.1	59	152.3	80.2		Y355M2-6	185
		870	241.7	56.3	161.3	82.7		Y355M3-6	200
	730	325	90.3	35.5	46.8	67.2	2.5	Y315M-8	75
		565	156.9	32.7	62.7	80.2		Y315L1-8	90
		650	180.6	31.2	66.8	82.7		Y315L1-8	90
KZJ200-65	980	470	130.6	72	141.8	65	4.3	Y355M2-6	185
		820	227.8	68	197.2	77		Y355L2-6	250
		950	263.9	66	213.4	80		Y355-6	250/6000
	730	350	97.2	40	58.7	65	2.5	Y315M-8	75
		610	169.4	37.8	81.6	77		Y315L2-8	110
		705	195.8	36.6	87.8	80		Y315L2-8	110
KZJ200-70	980	409	113.6	86.4	172.5	55.8	3.8	Y355M3-6	200
		738	205	82.3	230.7	71.7		Y400-6	280/6000
		976	271.1	77.6	272.8	75.6		Y400-6	315/6000
	730	305	84.7	47.9	71.3	55.8	2.8	Y315L1-8	90
		550	152.8	45.7	95.5	71.7		Y355M1-8	132
		727	201.9	43.1	112.9	75.6		Y355M1-8	132
KZJ200-75	980	450	125	103	206.9	61	4.5	Y355L2-6	250
		750	208.3	95.7	271.5	72		Y400-6	355/6000
		900	250	91	299.4	74.5		Y400-6	355/6000
	730	335	93.1	57.5	86	61	3	Y315L2-8	110
		560	155.6	53.1	112.5	72		Y355M1-8	132
		670	186.1	51.1	125.2	74.5		Y355M2-8	160
KZJ200-85	980	441	122.5	133.7	321.1	50	5	Y400-6	400/6000
		858	238.3	128.2	437.9	68.4		Y450-6	560/6000
		907	251.9	127.9	448.1	70.5		Y450-6	560/6000
	730	329	91.4	74.2	133	50	2.8	Y355M2-8	160
		639	177.5	71.1	180.9	68.4		Y400-8	220/6000
		676	187.8	71	185.4	70.5		Y400-8	220/6000
KZJ250-65	980	597	165.8	69	168.7	66.5	4.5	Y355L1-6	220
		946	262.8	64.5	218.6	76		Y400-6	280/6000
		1249	346.9	59.3	260.3	77.5		Y400-6	315/6000
	730	445	123.6	38	69.2	66.5	3	Y315L1-8	90
		705	195.8	35.8	90.4	76		Y355M1-8	132
		930	258.3	32.9	107.5	77.5		Y355M1-8	132
KZJ250-75	980	600	166.7	98.4	255.2	63	4.1	Y400-6	315/6000
		1100	305.6	91.9	362.2	76		Y450-6	450/6000
		1480	411.1	84	447.8	75.6		Y450-6	560/6000
	730	440	122.2	54.4	103.5	63	3	Y355M1-8	132
		820	227.8	51	149.9	76		Y355L1-8	185
		1100	305.6	46.2	183.1	75.6		Y400-8	220/6000

Clear water performance parameter table of KZ series slurry pump

Model	Rotation Speed r/min	Capacity		Head m	Shaft Power kW	Efficiency %	(NPSH)r m	Matching Motor	
		m ³ /h	L/s					Model	Power/Voltage kW/V
KZJ250-85	980	752	208.9	129.8	449.8	59.1	5.5	Y450-6	560/6000
		1262	350.6	126.2	586.1	74		Y500-6	710/6000
		1504	417.8	120.7	653.9	75.6		Y500-6	800/6000
	730	560	155.6	72	185.8	59.1	3.5	Y400-8	220/6000
		940	261.1	70	242.2	74		Y450-8	315/6000
		1120	311.1	67	270.3	75.6		Y450-8	315/6000
KZJ250-96	730	736	204.4	93.7	290.7	64.6	5.5	Y450-8	355/6000
		1076	298.9	90	356.4	74		Y450-8	450/6000
		1466	407.2	84.5	433.6	77.8		Y500-8	560/6000
	590	595	165.3	61.2	153.5	64.6	3.5	Y450-10	185/6000
		870	241.7	58.8	188.3	74		Y450-10	250/6000
		1185	329.2	55.2	229	77.8		Y450-10	280/6000
KZJ250-103	730	734	203.9	110.5	366.3	60.3	4.3	Y450-8	450/6000
		1067	296.4	106.7	445.5	69.6		Y500-8	560/6000
		1573	436.9	98.9	568.7	74.5		Y500-8	710/6000
	590	593	164.7	72.2	193.4	60.3	2.8	Y450-10	250/6000
		862	239.4	69.7	235.1	69.6		Y450-10	280/6000
		1271	353	64.6	300.1	71.5		Y450-10	355/6000
KZJ300-56	980	789	219.2	46	147.3	67.1	5.5	Y355M2-6	185
		1415	393.1	40.8	195.6	80.4		Y355L2-6	250
		1568	435.6	38.5	202.2	81.3		Y355-6	250/6000
	730	588	163.3	26.6	63.5	67.1	3.5	Y315M-8	75
		1054	292.8	22.6	80.7	80.4		Y315L2-8	110
		1168	324.4	21.4	95.5	71.3		Y315L2-8	110
KZJ300-70	980	1268	352.2	76.8	368.3	72	7	Y450-6	450/6000
		2118	588.3	66.7	480.9	80		Y450-6	630/6000
		2333	648.1	64	505.8	80.4		Y450-6	630/6000
	730	945	262.5	42.6	152.3	72	3.9	Y355L1-8	185
		1578	438.3	37	198.8	80		Y400-8	250/6000
		1738	482.8	35.5	209	80.4		Y400-8	250/6000
KZJ300-90	730	922	256.1	80	290.3	69.2	5.6	Y450-8	355/6000
		1648	457.8	73.5	409.8	80.5		Y500-8	500/6000
		1844	512.2	70.5	434.4	81.5		Y500-8	560/6000
	590	745	206.9	52	152.5	69.2	3.8	Y450-10	185/6000
		1332	370	48	216.3	80.5		Y450-10	280/6000
		1491	414.2	46.1	229.7	81.5		Y450-10	280/6000
KZJ300-100	590	913	253.6	65.2	242.7	66.8	4.1	Y450-10	315/6000
		1785	495.8	59.6	359.9	80.5		Y500-10	450/6000
		1826	507.2	59.1	363.7	80.8		Y500-10	450/6000
	490	758	210.6	45	139.1	66.8	3	Y450-12	185/6000
		1482	411.7	41.2	206.6	80.5		Y450-12	250/6000
		1517	421.4	40.8	208.6	80.8		Y450-12	250/6000

Notice: Voltage not indicated is 380V.



Installation dimensions of KZJ series slurry pump (common base)

Pump Model	Motor		L1	L2	L3	B2	H1	H2	L	L4	n×L5	n-φd	B	B1	H3	Inlet Water Flange			Outlet Water Flange			Flange Connection						
	Model	Power														φd1	φd2	φd3	n-φ1	φd1	φd2		φd3	n-φ1	φd1	φd2	φd3	n-φ1
KZJ40-17	Y132S-2	5.5							736	38	1×660							100	125	40	4-φ12	40	100	125	4-φ12	19	19	2
	Y132S2-2	7.5	581	95	146	100	270	185	736	38	1×660	4-φ14	320	260	M12×300			40	100	125	4-φ12	40	100	125	4-φ12	19	19	2
	Y80M-4	0.55							610	32	1×540							40	100	125	4-φ12	40	100	125	4-φ12	19	19	2
	Y90S-4	1.1							645	32	1×575							56	110	140	4-φ14	56	110	140	4-φ14	19	19	2
KZJ40-19	Y160M-2	11	586	99	149	112	270	260	864	34	1×790	4-φ14	440	380	M12×300			80	155	190	4-φ18	80	155	190	4-φ18	21	23	2
	Y90L-4	1.5							655	35	1×580							80	155	190	4-φ18	80	155	190	4-φ18	21	23	2
	Y100L-4	2.2							685	35	1×610							80	155	190	4-φ18	80	155	190	4-φ18	21	23	2
	Y160L-4	15	988	259	196	200	365	428	1100	40	1×1000	4-φ25	540	460	M20×500			80	155	190	4-φ18	80	155	190	4-φ18	21	23	2
KZJ50-33	Y180M-4	18.5	988	259	196	200	365	428	1100	40	1×1000	4-φ25	540	460	M20×500			80	155	190	4-φ18	80	155	190	4-φ18	21	23	2
	Y132M-6	4							970	50	1×860							80	155	190	4-φ18	80	155	190	4-φ18	21	23	2
	Y132M2-6	5.5							970	50	1×860							80	155	190	4-φ18	80	155	190	4-φ18	21	23	2
	Y225M-4	45	1171	295	245	258	490	503	1367	52	2×620	6-φ30	680	600	M24×630			80	155	200	8-φ18	80	155	200	8-φ18	20	22	2
KZJ50-46	Y250M-4	55	1171	295	245	258	490	503	1435	60	2×650	6-φ30	680	600	M24×630			80	155	200	8-φ18	80	155	200	8-φ18	20	22	2
	Y180L-6	15							1285	50	2×580							80	155	200	8-φ18	80	155	200	8-φ18	20	22	2
	Y200L-6	18.5							1310	75	2×580							80	155	200	8-φ18	80	155	200	8-φ18	20	22	2
KZJ50-50	Y280S-4	75	1221	243	300	273	550	475	1640	80	2×720	6-φ30	740	640	M24×630			80	169	200	8-φ18	80	169	200	8-φ18	20	20	1
	Y280M-4	90							1640	80	2×720							80	169	200	8-φ18	80	169	200	8-φ18	20	20	1

Pump Model	Motor		L1	L2	L3	B2	H1	H2	L	L4	n × L5	n-φd	B	B1	H3	Inlet Water Flange			Outlet Water Flange			δ1 δ2	Range Connection		
	Model	Power														φd1	φd2	φd3	n-φ1	φd1	φd2			φd3	n-φ1
KZJ50-50	Y200L ₂ -6	22	1221	243	300	273	550	475	1405	55	2×615	6-φ30	740	640	M24×630	80	169	200	8-φ18	50	125	165	4-φ18	20	1
	Y225M-6	30									2×625														
	Y160M-4	11									1×1000														
KZJ65-30	Y160L-4	15	976	267	196	160	365	452	1100	40	1×1000	4-φ25	540	460	M20×500	100	170	205	4-φ18	65	145	180	4-φ18	21	2
	Y132M ₁ -6	4									1×860														
	Y132M ₂ -6	5.5									1×860														
KZJ80-36	Y200L-4	30	1156	283	222	215	490	468	1310	55	2×600	6-φ30	660	580	M24×630	125	200	235	8-φ18	80	160	195	8-φ18	20	2
	Y225S-4	37									2×625														
	Y225M-4	45									2×625														
KZJ80-42	Y160L-6	11	1157	284	242	240	490	488	1274	59	2×580	6-φ30	680	600	M24×630	125	200	235	8-φ18	80	160	195	8-φ18	20	2
	Y180L-6	15									2×580														
	Y250M-4	55									2×650														
KZJ80-52	Y280S-4	75	1337	358	301	300	550	548	1760	80	2×780	6-φ30	740	640	M24×630	125	200	235	8-φ18	80	160	195	8-φ18	20	2
	Y200L ₁ -6	18.5									2×580														
	Y200L ₂ -6	22									2×580														
KZJ100-36	Y315M-4	132	1170	290	229	220	490	468	1820	140	2×780	6-φ30	660	580	M24×630	150	225	260	8-φ18	100	180	215	8-φ18	23	2
	Y315L ₁ -4	160									2×625														
	Y225M-6	30									2×660														
KZJ100-42	Y280S-6	45	1179	295	253	250	490	488	1640	80	2×720	6-φ30	680	600	M24×630	150	225	260	8-φ18	100	180	215	8-φ18	23	2
	Y225S-4	37									2×625														
	Y225M-4	45									2×625														
KZJ100-B42	Y250M-4	55	1349	371	300	280	550	548	1365	60	2×620	6-φ30	740	640	M24×630	150	225	260	8-φ18	100	180	215	8-φ18	26	2
	Y180L-6	15									2×580														
	Y200L ₁ -6	18.5									2×580														
KZJ150-50	Y280M-4	90	1351	338	335	300	550	598	1545	70	2×700	6-φ30	740	640	M24×630	200	295	335	8-φ22	200	295	335	8-φ22	26	2
	Y200L ₂ -6	22									2×580														
	Y225M-6	30									2×620														
KZJ150-50	Y280S-4	75	1351	338	335	300	550	598	1367	52	2×620	6-φ30	740	640	M24×630	200	295	335	8-φ22	200	295	335	8-φ22	26	2
	Y315S-4	110									2×780														
	Y315M-4	132									2×780														
KZJ150-50	Y315L ₁ -4	160	1351	338	335	300	550	598	1820	140	2×780	6-φ30	740	640	M24×630	150	225	260	8-φ18	100	180	215	8-φ18	23	2
	Y225M-6	30									2×625														
	Y280S-6	45									2×720														
KZJ150-50	Y280M-6	55	1351	338	335	300	550	598	1640	80	2×720	6-φ30	740	640	M24×630	200	295	335	8-φ22	200	295	335	8-φ22	26	2
	Y315S-6	75									2×780														
	Y250M-8	30									2×660														
Y280S-8	37	2×720																							

Pump Model	Motor		L	L2	L4	L6	L7	n-φ3	B	B2	H1	H4	H5	H3	B4	L8	L9	n-φ4	H6	Inlet Water Flange			Outlet Water Flange			δ1	Flange Connection					
	Model	Power																		φd1	φd2	φd3	n-φ1	φd4	φd5			φd6	n-φ2	δ2		
KZJ150-70	Y315S-8	55	1600	530	115	260	200	4-φ40	920	410	660	M36×800		315	508	406	386	4-φ28	M24×630	200	295	335	8-φ22	150	250	300	8-φ26	26	2			
	Y315M-8	75	358	321	115	200	200	4-φ15	820	420	748	M12×300		315	508	457	386	4-φ28	M24×630													
	Y315L-6	132												355	610	560	424	4-φ28	M24×630													
KZJ200-60	Y355M-6	185	1590	530	115	250	200	4-φ40	920	380	660	M36×800		355	610	560	424	4-φ28	M24×630	250	350	390	12-φ22	200	310	360	12-φ26	24	4			
	Y355M-6	200	345	361	115	200	200	4-φ15	820	420	658	M12×300		315	508	457	386	4-φ28	M24×630													
	Y315M-8	75												315	508	508	386	4-φ28	M24×630													
KZJ200-65	Y315L-8	90												315	508	508	386	4-φ28	M24×630													
	Y355M-6	200												355	610	560	424	4-φ28	M24×630													
	Y400-6	280/6000	1579	510	160	270	200	4-φ40	1050	420	710	M36×800		400	710	1000	545	4-φ35	M30×700	250	350	390	12-φ22	200	310	360	12-φ26	24	4			
KZJ200-70	Y400-6	315/6000	367	350	160	200	200	4-φ15	950	420	730	M12×300		315	508	508	386	4-φ28	M24×630													
	Y315L-8	90												315	508	508	386	4-φ28	M24×630													
	Y355M-8	132												355	610	560	424	4-φ28	M24×630													
KZJ200-75	Y355L-6	250												355	610	630	424	4-φ28	M24×630													
	Y355-6	250/6000												355	630	900	525	4-φ35	M30×700	250	355	405	12-φ22	200	310	360	12-φ26	30	4			
	Y400-6	355/6000	1753	640	130	260	240	4-φ40	1120	440	650	M36×800		400	710	1000	545	4-φ35	M30×700	250	355	405	12-φ22	200	310	360	12-φ26	30	4			
KZJ200-85	Y315L-8	110	374	323	130	240	240	4-φ15	1020	500	783	M12×300		315	508	508	386	4-φ28	M24×630													
	Y355M-8	132												355	610	560	424	4-φ28	M24×630													
	Y355M-8	160												355	610	560	424	4-φ28	M24×630													
KZJ250-65	Y400-6	400/6000	2081	630	230	465	240	4-φ40	1200	505	900	M36×800		400	710	1000	545	4-φ35	M30×700	250	355	405	12-φ22	200	310	360	12-φ26	30	4			
	Y450-6	560/6000	582	447	230	240	240	4-φ15	1110	500	868	M12×300		355	610	560	424	4-φ28	M24×630													
	Y400-8	220/6000												400	710	1000	545	4-φ35	M30×700													
KZJ250-75	Y355L-6	220												355	610	630	424	4-φ28	M24×630													
	Y355-6	220/6000	1913	630	200	340	240	4-φ40	1200	410	810	M36×800		400	710	1000	545	4-φ35	M30×700	300	410	460	12-φ22	250	355	405	12-φ26	34	4			
	Y400-6	280/6000	454	392	170	240	240	4-φ15	1110	500	748	M12×300		400	710	1000	545	4-φ35	M30×700													
KZJ250-85	Y400-6	315/6000	454	392	170	240	240	4-φ15	1110	500	818	M12×300		355	610	630	424	4-φ28	M24×630													
	Y315L-8	90												355	610	630	424	4-φ28	M24×630													
	Y355M-8	132												400	710	1000	545	4-φ35	M30×700													
KZJ250-85	Y400-6	500/6000	2135	630	230	465	240	4-φ40	1200	520	900	M36×800		450	800	1120	605	4-φ35	M30×700	300	410	460	12-φ22	250	370	425	12-φ30	42	4			
	Y450-6	630/6000	582	465	230	240	240	4-φ15	1110	500	900	M12×300		450	800	1120	605	4-φ35	M30×700													
	Y500-6	710/6000	582	465	230	240	240	4-φ15	1110	500	900	M12×300		500	900	1250	725	4-φ42	M36×800													
KZJ250-85	Y355L-8	185												355	610	1000	545	4-φ35	M30×700													
	Y400-8	220/6000												400	710	1000	545	4-φ35	M30×700													
	Y450-6	500/6000												450	800	1120	605	4-φ35	M30×700													

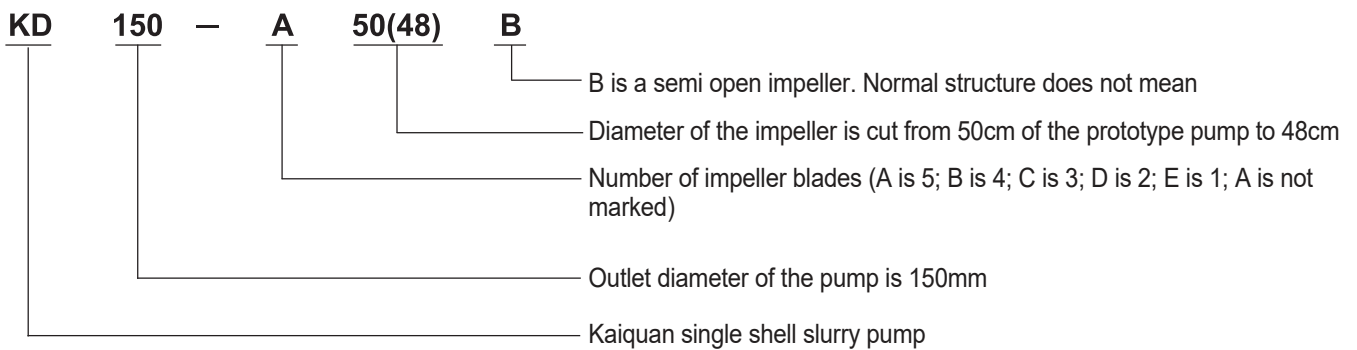
KD/KDT Series Single Shell Pump

Product Overview

KD/KDT series single shell slurry pump is a new generation light slurry pump developed by Shanghai Kaiquan Pump Co., Ltd. The single shell structure design is adopted in the series of pumps, which makes the pump more compact, light and convenient for maintenance. It combines the advantages of the same products at home and abroad and makes innovations in the hydraulic model design, structural design and wear-resistant and corrosion-resistant materials. All the performance indexes of the pumps exceed the industry standard. The technical conditions of the products meet the national JB/T8096-1998 standard of centrifugal slurry pump.



Model Significance



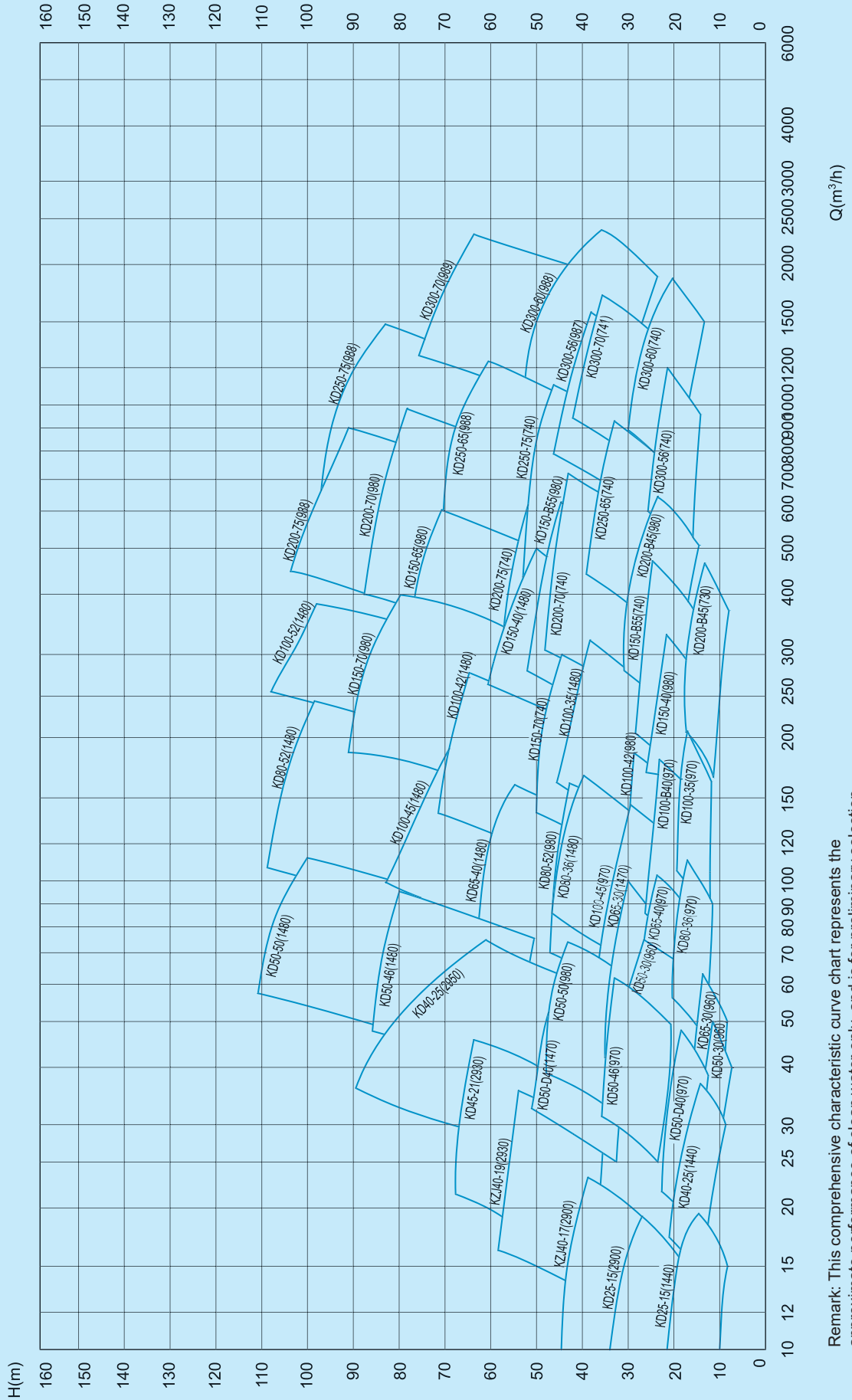
Structural Features

1. Hydraulic optimization, increase the gap between the tongue and the impeller, reduce the tongue wear, reduce the impeller peripheral flow is not uniform, reduce vibration and noise, and make the efficiency slightly improved, avoid the impact of particles on the tongue loss, prolong the service life of the pressure chamber.
2. Adopt auxiliary impeller + packing combined seal, mechanical seal and single packing seal three forms, suitable for different working conditions.
3. Large capacity oil tank, thin oil bath lubrication, the service life of the bearing greatly extended.
4. Serialization, large bracket design, large shaft diameter design, good rigidity, smooth operation.
5. The unique rotor axial adjustment device makes the field adjustment of the impeller more convenient.
6. Widen the impeller passage appropriately to improve the impeller's flow capacity. The blade outlet placement Angle was selected between 15° and 35°, and the blade enveloping angle was selected between 85° and 135°. At the same time, it ensures the high efficiency and anti-wear performance of the pump.

Application Field

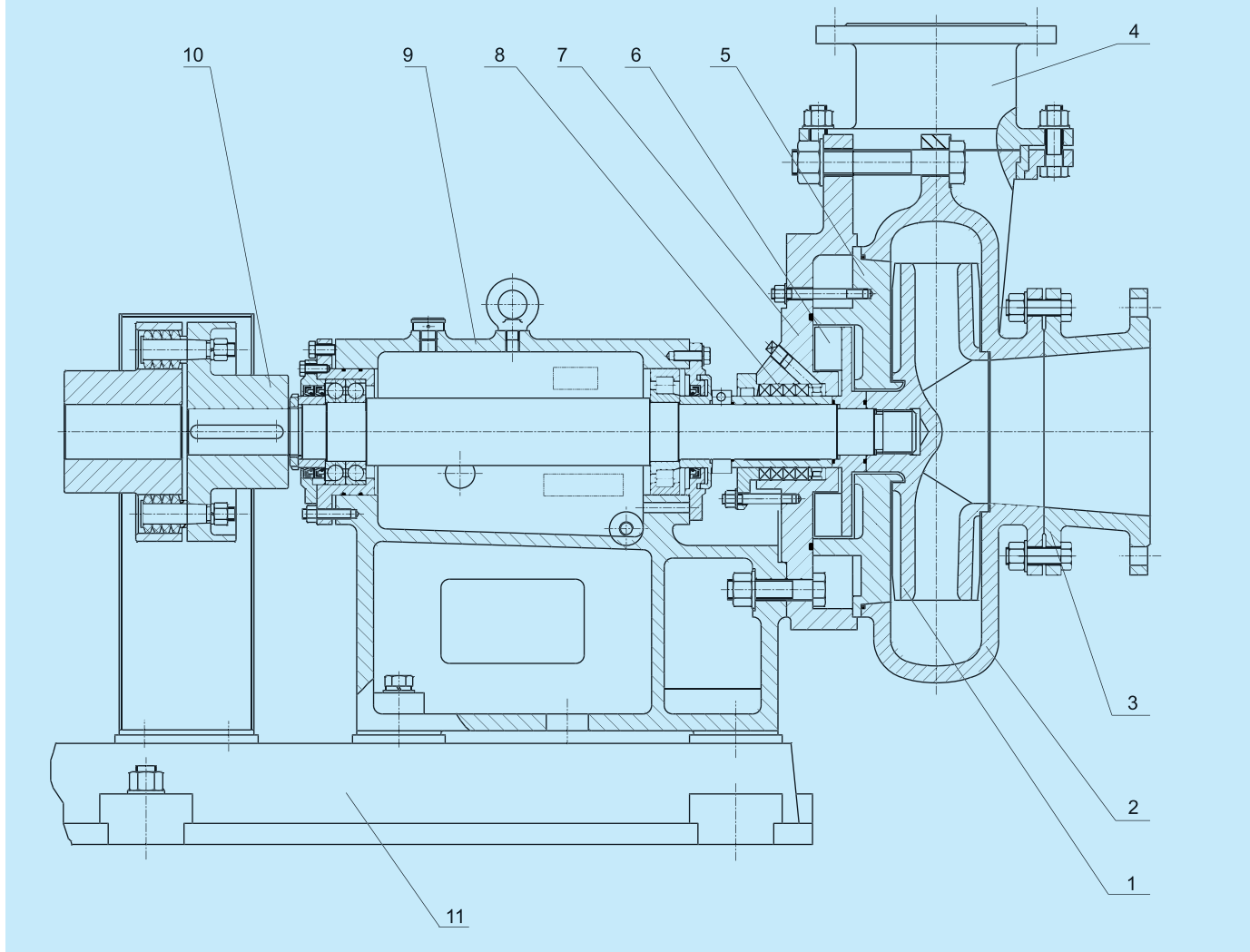
Under the condition of low abrasion, it is suitable for conveying solid content less than 40% (weight meter) in the alumina production process, and solid particles less than 0.5mm (sometimes with a little solid substance less than 20mm). It is also suitable for conveying acid, alkali or other weak abrasive sewage, slag slurry, etc. It is used to replace the traditional PW, PN, PH form of impurity pump. Its typical application fields include conveying medium of coal washing plant, conveying water of ash removal in power plant, conveying limestone slurry and gypsum slurry of flue gas desulfurization system. The flow parts can be widely used in metallurgy, chemical industry, mining, cement power, urban construction, urban environmental protection sewage treatment, discharge, agricultural irrigation and other similar working conditions.

Comprehensive Characteristic Curve Chart of KD Series Single Shell Slurry Pump



Remark: This comprehensive characteristic curve chart represents the approximate performance of clean water only, and is for preliminary selection.

Structure Diagram of KD Series Single Shell Slurry Pump



No.	Name	Material	No.	Name	Material
1	Impeller	KmTBCr27	7	Auxiliary Impeller	QT500-7
2	Volute	KmTBCr27	8	Stuffing box	Ramie
3	Front pump housing	QT500-7	9	Bracket	HT200
4	Front guard	QT500-7	10	Coupling	HT200
5	Short water inlet pipe	KmTBCr27	11	Base	Q235-A/HT200
6	Short water outlet pipe	QT500-7			

Clear Water performance parameters table of KD / KDT series slurry pump

Model	Rotation Speed r/min	Capacity m ³ /h	Head m	Shaft Power kW	Efficiency %	(NPSH) _r m	Matching Motor	
							Model	Power/Voltage kW/V
KD25-15	2900	9.2	34.4	2.6	32.7	5.3	Y132S1-2	5.5/380
		17.1	29.5	3.3	41.8		Y132S1-2	5.5/380
		19.3	27.1	3.5	40.8		Y132S1-2	5.5/380
	1390	4.4	7.9	0.3	32.7	1.3	Y801-4	0.55/380
		8.2	6.8	0.4	41.8		Y802-4	0.75/380
		9.3	6.2	0.4	40.8		Y802-4	0.75/380
KD25-25	1440	9.6	21.6	1.7	33.2	7.1	Y100L2-4	3/380
		17.8	16.6	2.1	38		Y112M-4	4/380
		19.9	13.9	2.2	33.8		Y112M-4	4/380
	910	6	8.6	0.4	33.2	3.3	Y90S-6	0.75/380
		11.2	6.6	0.5	38		Y90L-6	1.1/380
		12.5	5.5	0.6	33.8		Y90L-6	1.1/380
KD40-25 [a]	2950	35.5	88.6	20.7	41.3	2.6	Y200L1-2	30/380
		58.8	73.5	27.7	42.5		Y200L2-2	37/380
		74.7	60.8	31.2	39.6		Y200L2-2	37/380
	1440	17.3	21.1	2.4	41.3		Y112M-4	4/380
		28.7	17.5	3.2	42.5		Y132S-4	5.5/380
		36.5	14.5	3.6	39.6		Y132S-4	5.5/380
KD45-21	2930	21.7	69.1	10.5	39.5	5.5	Y160M2-2	15/380
		40	66.5	13.1	55.6		Y160L-2	18.5/380
		46.5	65.1	14.1	58.9		Y180M-2	22/380
	1440	10.6	16.5	1.3	39.5	1.5	Y100L2-4	3/380
		19.5	15.9	1.4	55.6		Y100L2-4	3/380
		22.7	15.5	1.6	58.9		Y100L2-4	3/380
KD50-30	1460	34	36.3	7.8	43.1	1.6	Y160M-4	11/380
		55	31.9	9.9	48.5		Y160L-4	15/380
		78	26.4	12.4	45.4		Y180M-4	18.5/380
	960	22	15.7	2.2	43.1	0.8	Y132M1-6	4/380
		36	13.8	2.8	48.5		Y132M1-6	4/380
		51	11.4	3.5	45.4		Y132M2-6	5.5/380
KD50-D40	1470	33	51.7	13.1	35.4	2.5	Y180M-4	18.5/380
		68	43.4	17.8	45.1		Y200L-4	30/380
		76	40.8	18.9	44.7		Y200L-4	30/380
	970	22	22.5	3.8	35.4	1.2	Y132M2-6	5.5/380
		45	18.9	5.1	45.1		Y160M-6	7.5/380
		50	17.7	5.4	44.7		Y160M-7	7.5/381
KD50-46	1480	48	85.8	34.8	32.2	2.9	Y225M-4	45/380
		77	82.3	41.4	41.7		Y250M-4	55/380
		94	79.9	45.7	44.7		Y250M-4	55/380
	970	31	36.9	9.7	32.2	1.4	Y180L-6	15/380
		50	35.4	11.6	41.7		Y180L-6	15/380
		62	34.3	13	44.7		Y200L2-6	18.5/380
KD50-50	1480	57	110.7	50.7	33.9	3.8	Y280S-4	75/380
		91	105.5	60.8	43.0		Y280S-4	75/380
		111	99.8	66.9	45.1		Y280M-4	90/380
	980	38	48.5	14.8	33.9	3	Y200L2-6	22/380
		60	46.3	17.6	43.0		Y225M-6	30/380
		74	43.8	19.6	45.1		Y225M-6	30/380
KD65-30	1470	44	35.6	9.1	46.7	4.6	Y160L-4	15/380
		79	32.6	12.8	54.6		Y180M-4	18.5/380
		99	30.7	15.4	53.8		Y180L-4	22/380
	960	29	15.2	2.6	46.7	2.2	Y132M2-6	5.5/380
		51	13.9	3.5	54.6		Y132M2-6	5.5/380
		64	13.1	4.2	53.8		Y160M-6	7.5/380
KD65-40	1480	71	63.2	26.2	46.7	4.5	Y225S-4	37/380
		141	57.5	35.6	62.1		Y225M-4	45/380
		159	54.6	38.1	62.1		Y250M-4	55/380
	970	47	27.1	7.4	46.7	2.1	Y160L-6	11/380
		92	24.7	10.0	62.1		Y180L-6	15/380
		104	23.5	10.7	62.1		Y180L-6	15/380

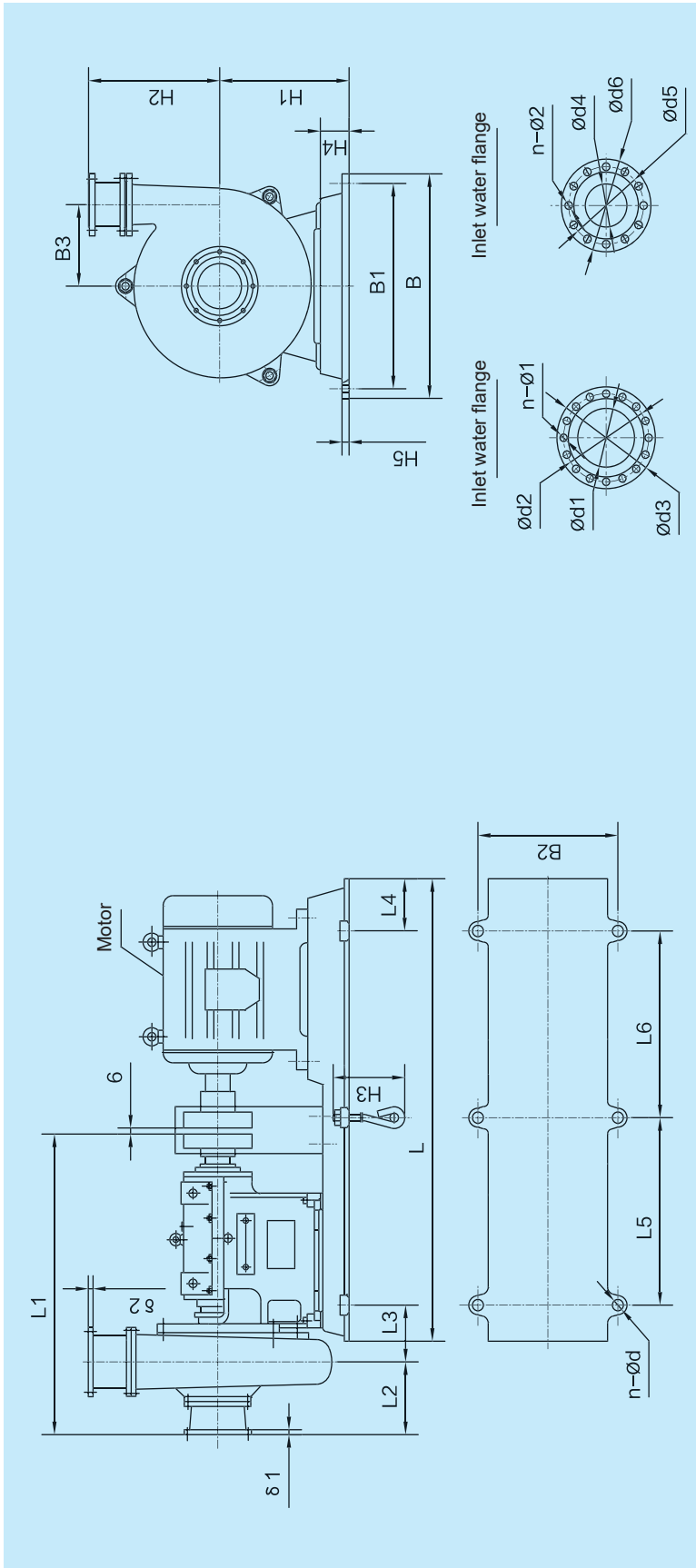
Clear Water performance parameters table of KD / KDT series slurry pump

Model	Rotation Speed r/min	Capacity m ³ /h	Head m	Shaft Power kW	Efficiency %	(NPSH) _r m	Matching Motor	
							Model	Power/Voltage kW/V
KD80-36	1480	86	47.1	23.3	47.4	3.2	Y200L-4	30/380
		151	42.0	28.5	60.7		Y225S-4	37/380
		167	39.9	29.3	62.0		Y225S-4	37/380
	970	56	20.2	6.5	47.4	1.5	Y160L-6	11/380
		99	18.0	8.0	60.7		Y180L-6	15/380
		109	17.1	8.2	62.0		Y180L-6	15/380
KD80-52	1480	107	109.8	82.4	38.8	4.3	Y315S-4	110/380
		182	105.5	100.5	52.0		Y315M-4	132/380
		242	99	115.8	56.3		Y315L1-4	160/380
	980	71	48.1	24	38.8	2.1	Y225M-6	30/380
		121	46.3	29.3	52.0		Y250M-6	37/380
		160	43.4	33.6	56.3		Y280S-6	45/380
KD100-35	1480	163	45.9	33.5	60.9	4.1	Y225M-4	45/380
		278	41.5	43.7	71.9		Y250M-4	55/380
		323	39.2	47.1	73.2		Y280S-4	75/380
	970	107	19.7	9.4	60.9	1.9	Y180L-6	15/380
		182	17.8	12.3	71.9		Y200L1-6	18.5/380
		212	16.8	13.3	73.2		Y200L1-6	18.5/380
KD100-B40	1480	129	61.0	37.7	56.9	3.5	Y250M-4	55/380
		219	56.1	48.7	68.7		Y280S-4	75/380
		268	53.6	55.6	70.4		Y280S-4	75/380
	970	85	26.2	10.7	56.9	1.7	Y180L-6	15/380
		144	24.1	13.8	68.7		Y200L2-6	22/380
		176	23.0	15.7	70.4		Y200L2-6	22/380
KD100-42	1480	140	71	49.2	55	3.9	Y280S-4	75/380
		245	67.0	63.8	70.0		Y280M-4	90/380
		275	65.5	69.1	71.0		Y280M-4	90/380
	980	95	31.0	14.6	55	2.5	Y200L2-6	22/380
		160	29.4	18.3	70.0		Y225M-6	30/380
		180	28.7	19.8	71.0		Y225M-6	30/380
KD100-45	1480	100	83.5	46.4	49.0	4.6	Y250M-4	55/380
		195	71.6	64.8	58.7		Y280S-4	75/380
		228	66.1	71.4	57.5		Y280M-4	90/380
	980	66	36.6	13.4	49.0	2.2	Y200L1-6	18.5/380
		129	31.4	18.8	58.7		Y225M-6	30/380
		151	29.0	20.7	57.5		Y225M-6	30/380
KD100-52	1480	248	108.6	118.7	61.8	5.1	Y315L1-4	160/380
		324	103.3	137.8	66.2		Y315L2-4	185/380
		389	98.7	154.2	67.9		Y315L2-4	185/380
	980	162	47.7	34	61.8	2.9	Y280S-6	45/380
		214	45.5	40.2	66.2		Y280M-6	55/380
		257	43.2	44.6	67.9		Y280M-6	55/380
KD150-40	1490	260	61.2	68.8	63.0	6.5	Y280M-4	90/380
		440	53.8	88.2	73.1		Y315S-4	110/380
		503	50.7	95.4	72.8		Y315M-4	132/380
	980	171	26.5	19.6	63.0	2.6	Y225M-6	30/380
		289	23.3	25.1	73.1		Y250M-6	37/380
		331	21.9	27.1	72.8		Y250M-6	37/380
KD150-B55	990	280	53.7	64.8	63.2	3.7	Y315M-6	90/380
		517	48.0	88.3	76.5		Y315L1-6	110/380
		630	45.9	100.8	78.1		Y315L2-6	132/380
	740	209	30.0	27.0	63.2	2.3	Y280S-8	37/380
		387	26.8	36.9	76.5		Y315S-8	55/380
		471	25.7	42.2	78.1		Y315S-8	55/380
KD150-65	980	300	78.5	114.5	56.0	3.9	Y315L2-6	132/380
		500	75	147.9	69.0		Y355M2-6	185/380
		600	72.5	164.5	72		Y355M3-6	200/380
	730	225	43.5	47.6	56.0	2.5	Y315M-8	75/380
		370	41.6	60.7	69.0		Y315M-8	75/380
		450	40.2	68.4	72		Y315L1-8	90/380

Clear Water performance parameters table of KD / KDT series slurry pump

Model	Rotation Speed r/min	Capacity m ³ /h	Head m	Shaft Power kW	Efficiency %	(NPSH) _r m	Matching Motor	
							Model	Power/Voltage kW/V
KD150-70	980	186	91.2	95.4	48.4	3	Y315L2-6	132/380
		285	87.1	115.7	58.4		Y355M1-6	160/380
		400	80	139.8	62.3		Y355M2-6	185/380
	730	140	50.6	39.8	48.4	2	Y315S-8	55/380
		212	48.3	47.7	58.4		Y315M-8	75/380
		300	44.3	58.1	62.3		Y315M-8	75/380
KD200-B45	990	279	31.0	37.4	62.9	3.3	Y280M-6	55/380
		557	26.1	49.0	80.8		Y315S-6	75/380
		645	23.3	52.6	77.8		Y315S-6	75/380
	730	206	16.9	15.1	62.9	2.0	Y225M-8	22/380
		410	14.2	19.6	80.8		Y250M-8	30/380
		475	12.7	21.1	77.8		Y250M-8	30/380
KD200-70	980	409	86.4	172.4	55.8	3.8	Y355M3-6	200/380
		738	82.3	230.6	71.7		Y400-6	280/6000
		976	77.6	272.7	75.6		Y400-6	315/6000
	730	305	47.9	71.3	55.8	2.8	Y315L1-8	90/380
		550	45.7	95.4	71.7		Y355M1-8	132/380
		727	43.1	112.8	75.6		Y355M1-8	132/380
KD200-75	980	450	103	206.8	61	4.5	Y355-6	250/6000
		750	95.7	271.4	72.0		Y400-6	355/6000
		900	91	299.3	74.5		Y400-6	355/6000
	730	335	57.5	86	61	3	Y315L2-8	110/380
		560	53.1	112.4	72.0		Y355M1-8	132/380
		670	51.1	125.1	74.5		Y355M2-8	160/380
KD250-65	980	597	69.0	168.6	66.5	4.5	Y355L1-6	220/380
		946	64.5	218.6	76.0		Y400-6	280/6000
		1249	59.3	260.2	77.5		Y400-6	315/6000
	730	445	38.0	69.2	66.5	3	Y315L1-8	90/380
		705	35.8	90.4	76.0		Y355M1-8	132/380
		930	32.9	107.5	77.5		Y355M1-8	132/380
KD250-75	980	600	98.4	255.1	63.0	4.1	Y400-6	315/6000
		1100	91.9	362.1	76.0		Y450-6	450/6000
		1480	84	447.7	75.6		Y450-6	560/6000
	730	440	54.5	103.6	63.0	3	Y355M1-8	132/380
		820	51	149.8	76.0		Y355L1-8	185/380
		1100	46.2	183	75.6		Y400-8	220/6000
KD300-56	980	789	46	147.2	67.1	5.5	Y355M2-6	185/380
		1415	40.8	195.5	80.4		Y355L2-6	250/380
		1568	38.5	202.1	81.3		Y355L2-6	250/380
	730	588	26.6	63.5	67.1	3.5	Y315M-8	75/380
		1054	22.6	80.7	80.4		Y315L2-8	110/380
		1168	21.4	83.7	81.3		Y315L2-8	110/380
KD300-60	989	1170	53.1	235.6	71.8	8.4	Y400-6	315/6000
		1779	47.1	281.4	81.1		Y400-6	355/6000
		2403	36.1	313.3	75.4		Y400-6	400/6000
	742	878	29.9	99.6	71.8	4.3	Y355M1-8	132/380
		1335	26.5	118.8	81.1		Y355M2-8	160/380
		1803	20.3	132.2	75.4		Y355M2-8	160/380
KD300-70	980	1268	76.8	368.2	72	7	Y450-6	450/6000
		2118	66.7	480.7	80.0		Y450-6	630/6000
		2333	64	505.5	80.4		Y450-6	630/6000
	730	945	42.6	152.2	72	3.9	Y355L1-8	185/380
		1578	37.0	198.7	80.0		Y400-8	250/6000
		1738	35.5	208.9	80.4		Y400-8	250/6000

Description: 1. The above motors are calculated and selected according to the slurry specific gravity of 1.15, and the user should calculate the motor power according to the specific working conditions when selecting the motor.
 2. [a] when kd40-a25 pump is used at 2950r / min, it can not be used for suction working conditions, but only suitable for reverse irrigation working conditions, and the reverse irrigation height is 2m



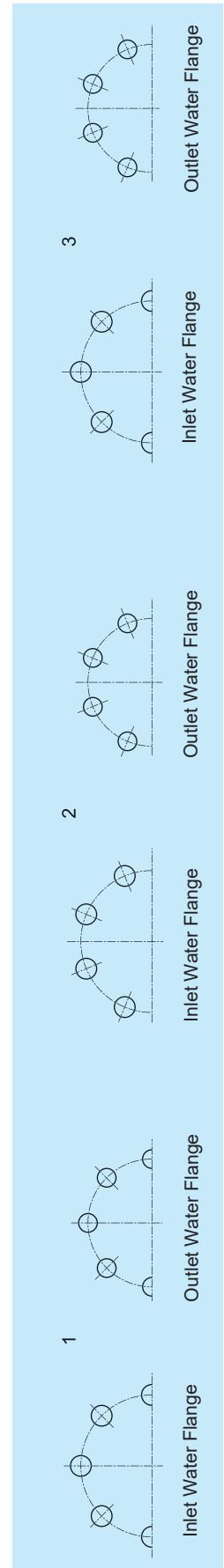
Installation diagram of direct transmission of KD series single shell slurry pump (common base)

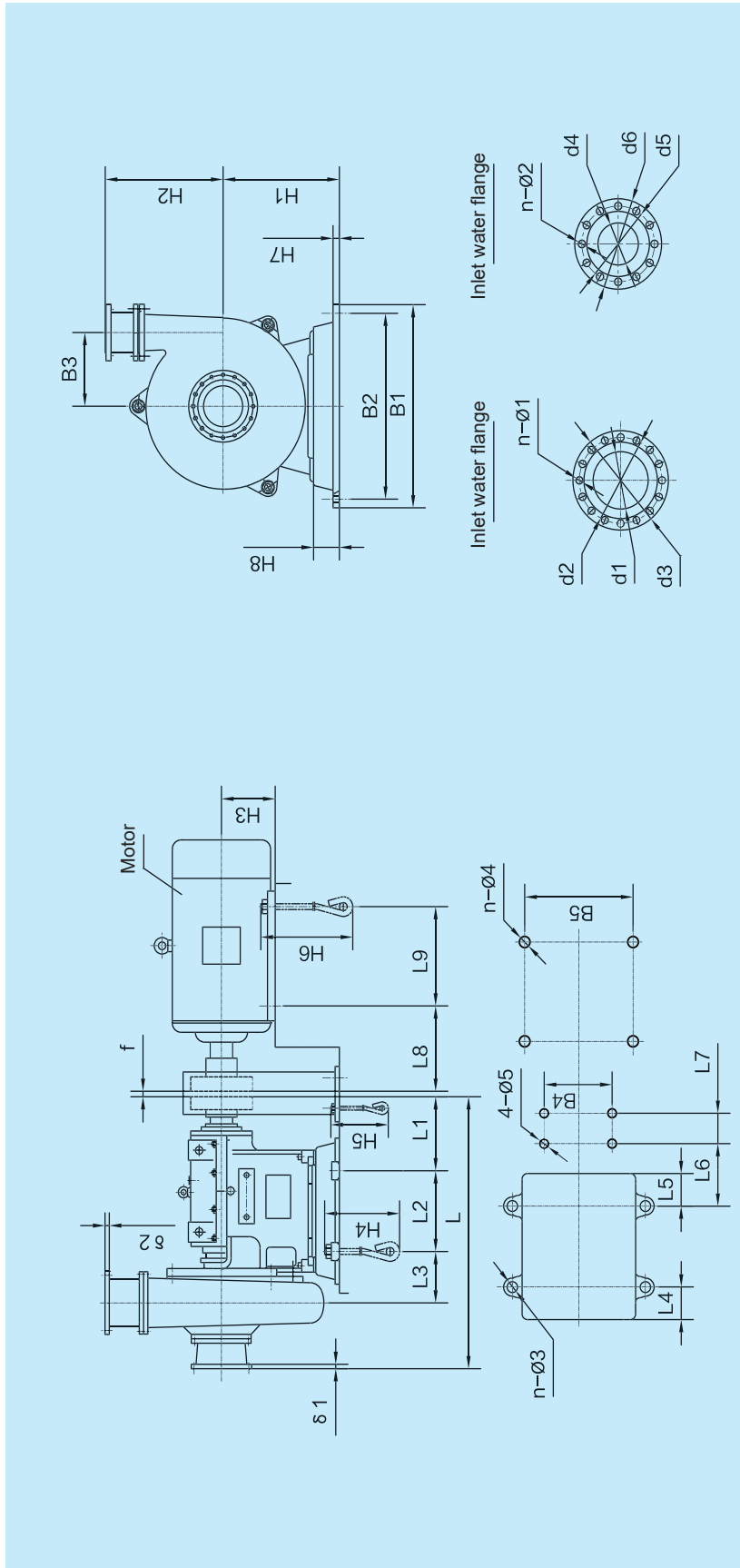
Pump Model	Motor		L	L1	L2	L3	L4	L5	L6	B	B1	B2	B3	H1	H2	H3	H4	H5	Inlet Water Flange						Outlet Water Flange				$\delta 1$	$\delta 2$	n- ϕ d	Flange Connection
	Model	Power																	n- ϕ 1	ϕ d1	ϕ d2	ϕ d3	n- ϕ 2	ϕ d4	ϕ d5	ϕ d6	n- ϕ 2	ϕ d4				
KD25-15	Y801-4	0.55	610	585	97	140	32	540	/	320	260	260	87	270	170	300	100	12	12	4- ϕ 12	ϕ 40	ϕ 100	ϕ 125	4- ϕ 14	ϕ 25	ϕ 85	ϕ 115	19/14	4- ϕ 14	3		
	Y802-4	0.75	736			38	660													4- ϕ 12	ϕ 40	ϕ 100	ϕ 125	4- ϕ 14	ϕ 25	ϕ 85	ϕ 115		4- ϕ 14			
	Y132S-2	5.5	736																	4- ϕ 18	ϕ 39	ϕ 110	ϕ 150	4- ϕ 18	ϕ 25	ϕ 100	ϕ 140		4- ϕ 18			
KD25-25	Y90S-6	0.75	645	650	160	141	32	575		320	260	260	136	270	205	300	100	12	12	4- ϕ 18	ϕ 39	ϕ 110	ϕ 150	4- ϕ 18	ϕ 25	ϕ 100	ϕ 140	18/18	4- ϕ 14	3		
	Y90L-6	1.1	685			143	35	610	/	440	380	380								4- ϕ 18	ϕ 39	ϕ 110	ϕ 150	4- ϕ 18	ϕ 25	ϕ 100	ϕ 140		4- ϕ 18			
	Y100L ₂ -4	3	692			141	34	620		320	260	260								4- ϕ 18	ϕ 39	ϕ 110	ϕ 150	4- ϕ 18	ϕ 25	ϕ 100	ϕ 140		4- ϕ 18			
KD40-25	Y112M-4	4	880	185	50	185	50	770		540	460	460	135	365	250	500	100	12	12	4- ϕ 18	ϕ 65	ϕ 145	ϕ 180	4- ϕ 18	ϕ 40	ϕ 100	ϕ 150	23/18	4- ϕ 25	1		
	Y132S-4	5.5	970	818	120	205	60	1060	/	540	460	460	135	365	250	630	100	12	12	4- ϕ 18	ϕ 65	ϕ 145	ϕ 180	4- ϕ 18	ϕ 40	ϕ 100	ϕ 150		4- ϕ 25			
	Y200L ₂ -2	30	1180			205	60	1060												4- ϕ 18	ϕ 65	ϕ 145	ϕ 180	4- ϕ 18	ϕ 40	ϕ 100	ϕ 150		4- ϕ 25			
KD45-21	Y100L ₂ -4	3	970	750	110	165	40	1000		540	460	460	164	300	285	500	100	12	12	4- ϕ 18	ϕ 60	ϕ 145	ϕ 180	4- ϕ 18	ϕ 45	ϕ 100	ϕ 150	20/20	4- ϕ 25	1		
	Y160M ₂ -2	15	1100			165	40	1000												4- ϕ 18	ϕ 60	ϕ 145	ϕ 180	4- ϕ 18	ϕ 45	ϕ 100	ϕ 150		4- ϕ 25			
	Y160L-2	18.5	1100			165	40	1000												4- ϕ 18	ϕ 60	ϕ 145	ϕ 180	4- ϕ 18	ϕ 45	ϕ 100	ϕ 150		4- ϕ 25			
Y180M-2	22	1100			165	40	1000												4- ϕ 18	ϕ 60	ϕ 145	ϕ 180	4- ϕ 18	ϕ 45	ϕ 100	ϕ 150		4- ϕ 25				

Pump Model	Motor		L	L1	L2	L3	L4	L5	L6	B	B1	B2	B3	H1	H2	H3	H4	H5	Inlet Water Flange				Outlet Water Flange				$\frac{\delta 1}{\delta 2}$	n- ϕ d	Flange Connection	
	Model	Power																	n- ϕ 1	ϕ d1	ϕ d2	ϕ d3	n- ϕ 2	ϕ d4	ϕ d5	ϕ d6				
KD50-30	Y132M ₂ -6	4	970				50	860												8- ϕ 18	ϕ 80	ϕ 160	ϕ 195	4- ϕ 18	ϕ 50	ϕ 125	ϕ 165	$\frac{20}{20}$	4- ϕ 25	1
	Y132M ₂ -6	5.5		900	200	186	40	1000	/	540	460	460	164	365	370	500	100	12		8- ϕ 18	ϕ 80	ϕ 160	ϕ 195	4- ϕ 18	ϕ 50	ϕ 125	ϕ 165	$\frac{20}{20}$	4- ϕ 25	1
	Y160M-4	11	1100																	8- ϕ 18	ϕ 80	ϕ 160	ϕ 195	4- ϕ 18	ϕ 50	ϕ 125	ϕ 165	$\frac{20}{20}$	4- ϕ 25	1
	Y160L-4	15		834	150	170	40	1000	/	540	460	460	220	365	350	500	100	12		8- ϕ 18	ϕ 80	ϕ 160	ϕ 195	4- ϕ 18	ϕ 50	ϕ 125	ϕ 165	$\frac{20}{20}$	4- ϕ 25	1
KD50-D40	Y180M-4	18.5					50	860												8- ϕ 18	ϕ 80	ϕ 160	ϕ 195	4- ϕ 18	ϕ 50	ϕ 125	ϕ 165	$\frac{20}{20}$	4- ϕ 25	1
	Y132M ₂ -6	5.5	970				72													8- ϕ 18	ϕ 80	ϕ 160	ϕ 195	4- ϕ 18	ϕ 50	ϕ 125	ϕ 165	$\frac{20}{20}$	4- ϕ 25	1
	Y160M-6	7.5					80	1040												8- ϕ 18	ϕ 80	ϕ 160	ϕ 195	4- ϕ 18	ϕ 50	ϕ 125	ϕ 165	$\frac{20}{20}$	4- ϕ 25	1
	Y160L-6	11	1100																	8- ϕ 18	ϕ 80	ϕ 160	ϕ 195	4- ϕ 18	ϕ 50	ϕ 125	ϕ 165	$\frac{20}{20}$	4- ϕ 25	1
KD50-46	Y180M-4	18.5					75	580	580	680	600	600	258	490	432	630	130	16		8- ϕ 18	ϕ 80	ϕ 155	ϕ 200	8- ϕ 18	ϕ 50	ϕ 145	ϕ 180	$\frac{20}{22}$	6- ϕ 30	2
	Y200L ₂ -6	18.5	1310				65	650	620	740	640	640	273	540	405	630	140	20		8- ϕ 18	ϕ 80	ϕ 169	ϕ 200	4- ϕ 18	ϕ 50	ϕ 125	ϕ 165	$\frac{20}{20}$	6- ϕ 30	1
	Y225M-4	45	1380				90	615	615											8- ϕ 18	ϕ 80	ϕ 169	ϕ 200	4- ϕ 18	ϕ 50	ϕ 125	ϕ 165	$\frac{20}{20}$	6- ϕ 30	1
	Y250M-4	55	1440				100	625	625	740	640	640	273	540	405	630	140	20		8- ϕ 18	ϕ 80	ϕ 169	ϕ 200	4- ϕ 18	ϕ 50	ϕ 125	ϕ 165	$\frac{20}{20}$	6- ϕ 30	1
KD50-50	Y200L ₂ -6	22	1440				110	720	720											8- ϕ 18	ϕ 80	ϕ 169	ϕ 200	4- ϕ 18	ϕ 50	ϕ 125	ϕ 165	$\frac{20}{20}$	6- ϕ 30	1
	Y225M-6	30	1470				110	720	720											8- ϕ 18	ϕ 80	ϕ 169	ϕ 200	4- ϕ 18	ϕ 50	ϕ 125	ϕ 165	$\frac{20}{20}$	6- ϕ 30	1
	Y280S-4	75	1670				110	720	720											8- ϕ 18	ϕ 80	ϕ 169	ϕ 200	4- ϕ 18	ϕ 50	ϕ 125	ϕ 165	$\frac{20}{20}$	6- ϕ 30	1
	Y280M-4	90					110	720	720											8- ϕ 18	ϕ 80	ϕ 169	ϕ 200	4- ϕ 18	ϕ 50	ϕ 125	ϕ 165	$\frac{20}{20}$	6- ϕ 30	1
KD65-30	Y132M ₂ -6	5.5	970				50	860												8- ϕ 18	ϕ 100	ϕ 180	ϕ 220	4- ϕ 18	ϕ 65	ϕ 145	ϕ 185	$\frac{22}{22}$	4- ϕ 25	3
	Y160M-6	7.5																		8- ϕ 18	ϕ 100	ϕ 180	ϕ 220	4- ϕ 18	ϕ 65	ϕ 145	ϕ 185	$\frac{22}{22}$	4- ϕ 25	3
	Y160L-4	15	1100				72													8- ϕ 18	ϕ 100	ϕ 180	ϕ 220	4- ϕ 18	ϕ 65	ϕ 145	ϕ 185	$\frac{22}{22}$	4- ϕ 25	3
	Y180M-4	18.5																		8- ϕ 18	ϕ 100	ϕ 180	ϕ 220	4- ϕ 18	ϕ 65	ϕ 145	ϕ 185	$\frac{22}{22}$	4- ϕ 25	3
KD65-40	Y180L-4	22	1132				72													8- ϕ 18	ϕ 100	ϕ 180	ϕ 220	4- ϕ 18	ϕ 65	ϕ 145	ϕ 185	$\frac{22}{22}$	6- ϕ 30	2
	Y160L-6	11	1265				50	580	580											8- ϕ 18	ϕ 100	ϕ 180	ϕ 220	4- ϕ 18	ϕ 65	ϕ 145	ϕ 185	$\frac{22}{22}$	6- ϕ 30	2
	Y180L-6	15	1274				59													8- ϕ 18	ϕ 100	ϕ 180	ϕ 220	4- ϕ 18	ϕ 65	ϕ 145	ϕ 185	$\frac{22}{22}$	6- ϕ 30	2
	Y200L-4	30	1310				55	600	600	660	580	580	225	490	422	630	130	16		8- ϕ 18	ϕ 100	ϕ 180	ϕ 220	4- ϕ 18	ϕ 65	ϕ 145	ϕ 185	$\frac{22}{22}$	6- ϕ 30	2
KD80-36	Y225S-4	37	1365				60	625	625											8- ϕ 18	ϕ 100	ϕ 180	ϕ 220	4- ϕ 18	ϕ 65	ϕ 145	ϕ 185	$\frac{22}{22}$	6- ϕ 30	2
	Y250M-4	45	1445				50	670	670											8- ϕ 18	ϕ 100	ϕ 180	ϕ 220	4- ϕ 18	ϕ 65	ϕ 145	ϕ 185	$\frac{22}{22}$	6- ϕ 30	2
	Y160L-6	11	1265				50	580	580											8- ϕ 18	ϕ 100	ϕ 180	ϕ 220	4- ϕ 18	ϕ 65	ϕ 145	ϕ 185	$\frac{22}{22}$	6- ϕ 30	2
	Y180L-6	15	1274				59													8- ϕ 18	ϕ 100	ϕ 180	ϕ 220	4- ϕ 18	ϕ 65	ϕ 145	ϕ 185	$\frac{22}{22}$	6- ϕ 30	2
KD80-52	Y200L-4	30	1310				55	600	600	660	580	580	215	490	450	630	130	16		8- ϕ 18	ϕ 100	ϕ 180	ϕ 220	4- ϕ 18	ϕ 65	ϕ 145	ϕ 185	$\frac{22}{22}$	6- ϕ 30	2
	Y225S-4	37	1365				60	625	625											8- ϕ 18	ϕ 100	ϕ 180	ϕ 220	4- ϕ 18	ϕ 65	ϕ 145	ϕ 185	$\frac{22}{22}$	6- ϕ 30	2
	Y250M-6	30	1470				100	625	625											8- ϕ 18	ϕ 125	ϕ 200	ϕ 235	8- ϕ 18	ϕ 80	ϕ 160	ϕ 195	$\frac{20}{20}$	6- ϕ 30	2
	Y250M-6	37	1540				110	720	720	740	640	640	300	540	475	630	140	20		8- ϕ 18	ϕ 125	ϕ 200	ϕ 235	8- ϕ 18	ϕ 80	ϕ 160	ϕ 195	$\frac{20}{20}$	6- ϕ 30	2
KD100-35	Y315S-4	110	1670				110	720	720											8- ϕ 18	ϕ 150	ϕ 240	ϕ 285	8- ϕ 18	ϕ 100	ϕ 180	ϕ 220	$\frac{24}{22}$	6- ϕ 30	1
	Y315M-4	132	1820				140	780	780											8- ϕ 22	ϕ 150	ϕ 240	ϕ 285	8- ϕ 18	ϕ 100	ϕ 180	ϕ 220	$\frac{24}{22}$	6- ϕ 30	1
	Y315L-4	160																		8- ϕ 22	ϕ 150	ϕ 240	ϕ 285	8- ϕ 18	ϕ 100	ϕ 180	ϕ 220	$\frac{24}{22}$	6- ϕ 30	1
	Y180L-6	15	1285				50	580	580											8- ϕ 22	ϕ 150	ϕ 240	ϕ 285	8- ϕ 18	ϕ 100	ϕ 180	ϕ 220	$\frac{24}{22}$	6- ϕ 30	1

Pump Model	Motor		L	L1	L2	L3	L4	L5	L6	B	B1	B2	B3	H1	H2	H3	H4	H5	Inlet Water Flange				Outlet Water Flange				Flange Connection						
	Model	Power																	n-φ1	φd1	φd2	φd3	n-φ2	φd4	φd5	φd6		δ1	δ2	n-φd			
KD100-B40	Y180L-6	15	1285				50	580		680	600	600	225	490	453	630	130	16	8-φ22	φ150	φ240	φ285	8-φ18	φ100	φ180	φ220	24	22	6-φ30	2			
	Y200L ₂ -6	22	1310	1168	284	253	75	650	650																								
	Y250M-4	55	1435				60	700	700																								
	Y280S-4	75	1545				70	700	700																								
	Y280L ₂ -6	22	1310				75	580	580																								
	Y225M-6	30	1380	1046	162	253	65	620	620		680	600	600	250	490	361	630	130	16	8-φ18	φ150	φ225	φ260	8-φ18	φ100	φ180	φ215	23	20	6-φ30	2		
KD100-42	Y280S-4	75	1560				85	700	700																								
	Y280M-4	90	1660				85	700	700																								
	Y200L ₁ -6	18.5	1310				75	580	580																								
	Y225M-6	30	1367				52	620	620																								
	Y250M-4	55	1435	1154	280	253.5	60	650	650		680	600	600	270	490	485	630	130	16	8-φ18	φ125	φ210	φ250	8-φ18	φ100	φ180	φ215	22	27	6-φ30	2		
	Y280S-4	75	1545				70	700	700																								
KD100-52	Y280M-4	90	1645				80	720	720																								
	Y280S-6	45	1645				80	720	720																								
	Y280M-6	55	1645	1520	320	310	140	780	780		740	640	640	300	600	580	630	140	20	8-φ18	φ150	φ225	φ260	8-φ18	φ100	φ180	φ215	25	27	6-φ30	2		
	Y315L ₁ -4	160	1825				140	780	780																								
	Y315L ₂ -4	185	1825				140	780	780																								
	Y225M-6	30	1367				52	620	620																								
KD150-40	Y250M-6	37	1435				60	650	650																								
	Y280M-4	90	1545	1146	254	258	70	700	700		680	600	600	233	490	488	630	130	16	8-φ22	φ200	φ295	φ340	8-φ22	φ150	φ240	φ285	24	24	6-φ30	1		
	Y315S-4	110	1615				100	720	720																								
	Y315M ₁ -4	132	1665				100	745	745																								
	Y280S-8	37	1670				110	720	720																								
	Y315S-8	55	1820				140	780	780																								
KD150-B55	Y315M-6	90	1820	1314	303	328	140	780	780		740	640	640	308	550	597	630	140	20	8-φ22	φ200	φ295	φ335	8-φ22	φ150	φ240	φ285	26	24	6-φ30	2		
	Y315L ₁ -6	110	1820				140	780	780																								
	Y315L ₂ -6	132	1720				140	780	780																								
	Y315L ₂ -6	132	1720				140	780	780																								

Notice: 1. When other models of motors are used, the installation dimensions of the motor parts shall be changed accordingly.
 2. The number in the column "flange connection" indicates the actual position of inlet and outlet flange, as shown in the following figure.



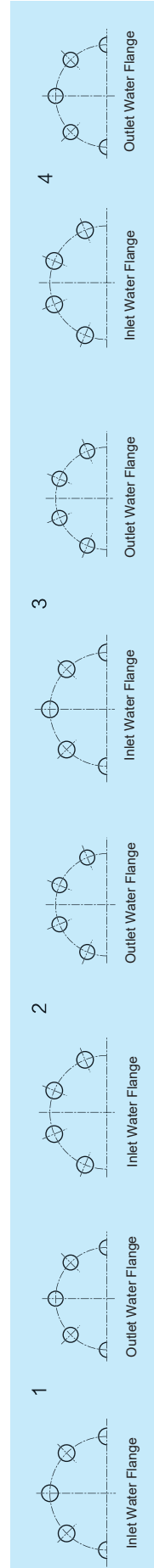


Installation diagram of direct transmission of KD series single shell slurry pump (separate base)

Pump Model	Motor		L8	L9	B5	H3	H6	n-φ4	L	L2	L3	L4	L5	L6	L7	B1	B2	B3	H1	H4	H5	H7	H8	F	Inlet Water Flange				Outlet Water Flange				δ1	δ2	Flange Connection			
	Model	Power																							n-φ1	d1	d2	d3	n-φ2	d4	d5	d6				n-φ1	d1	d2
KD150-65	Y315M-8	75	457						1450	530	333	115	115	260	200	920	820	380	660	800	300	20	160	6	8-φ22	φ200	φ295	φ335	8-φ26	φ150	φ250	φ300	26	32	4-φ15	2		
	Y315L1-8	90	386	508					358	333	115	115	200	820	420	820	420	580	680	300	160	160	160	4-φ40	8-φ22	φ200	φ295	φ335	8-φ26	φ150	φ250	φ300	26	32	4-φ15	2		
	Y315L2-6	132					630	4-φ28	358	333	115	115	200	820	420	820	420	580	680	300	160	160	160	4-φ40	8-φ22	φ200	φ295	φ335	8-φ26	φ150	φ250	φ300	26	32	4-φ15	2		
	Y355M2-6	185	424	560	610	355				358	333	115	115	200	820	420	820	420	580	680	300	160	160	160	4-φ40	8-φ22	φ200	φ295	φ335	8-φ26	φ150	φ250	φ300	26	32	4-φ15	2	
	Y355M3-6	200								358	333	115	115	200	820	420	820	420	580	680	300	160	160	160	4-φ40	8-φ22	φ200	φ295	φ335	8-φ26	φ150	φ250	φ300	26	32	4-φ15	2	
KD150-70	Y315S-8	55	406						1500	530	321	115	115	260	200	920	820	410	660	800	300	20	160	6	8-φ22	φ200	φ295	φ335	8-φ26	φ150	φ250	φ300	26	32	4-φ15	2		
	Y315M-8	75	386	457	508	315			358	321	115	115	200	820	420	820	420	580	680	300	160	160	160	4-φ40	8-φ22	φ200	φ295	φ335	8-φ26	φ150	φ250	φ300	26	32	4-φ15	2		
	Y315L2-6	132					630	4-φ28	358	321	115	115	200	820	420	820	420	580	680	300	160	160	160	4-φ40	8-φ22	φ200	φ295	φ335	8-φ26	φ150	φ250	φ300	26	32	4-φ15	2		
KD200-B45	Y355M2-6	185	424	560	610	355				530	321	115	115	260	200	920	820	410	660	800	300	20	160	6	8-φ22	φ200	φ295	φ335	8-φ26	φ150	φ250	φ300	26	32	4-φ15	2		
	Y225M-8	22	289	311	356	225																																
	Y250M-8	30	308	349	406	250	500			1215	550	223	150	150	185	160	760	680	298	520	630	60	120	6	12-φ25	φ250	φ355	φ405	8-φ23	φ200	φ295	φ335	27	27	4-φ15	3		
	Y280M-6	55	330	419	457	280				262	223	150	150	160	680	325	400	300	400	300	300	120	120	4-φ30	12-φ25	φ250	φ355	φ405	8-φ23	φ200	φ295	φ335	27	27	4-φ15	3		
Y315S-6	75	386	406	508	315	630	4-φ28																															

Pump Model	Motor		L8	L9	B5	H3	H6	n-φ4	L	L2	L4	L6	B1	B3	H1	H4	H7	F	Inlet Water Flange				Outlet Water Flange				δ1	δ2	n-φ5	Flange Connection
	Model	Power																	n-φ1	d1	d2	d3	n-φ2	d4	d5	d6				
KD200-70	Y315L-8	90	386	508	508	315	630	4-φ28	1480	510	160	270	1050	420	710	800	40	6	12-φ22	φ250	φ350	φ390	φ200	φ310	φ360	24	36	4-φ15	4	
	Y355M1-8	132	424	560	610	355																								
	Y355M3-6	200	545	1000	710	400																								700
	Y400-6	280	386	508	508	315																								
	Y400-6	315	424	560	610	355																								
	Y315Lz-8	110	386	508	508	315																								
KD200-75	Y355M1-8	132	424	560	610	355	630	4-φ28	1650	640	130	260	1120	440	650	800	60	6	12-φ22	φ250	φ355	φ405	φ200	φ310	φ360	30	32	4-φ15	4	
	Y355M2-8	160	525	900	630	700																								
	Y355-6	250	386	508	508	315																								
	Y400-6	355	424	560	610	355																								
	Y315L-8	90	386	508	508	315																								
	Y355M1-8	132	424	560	610	355																								
KD250-65	Y355L-8	220	424	630	610	355	630	4-φ28	1810	630	200	340	1200	410	810	800	65	6	12-φ22	φ300	φ410	φ460	φ250	φ355	φ405	34	32	4-φ15	4	
	Y355L-6	280	545	1000	710	400																								700
	Y400-6	315	424	1000	710	400																								700
	Y400-6	315	424	1000	710	400																								700
	Y355M1-8	132	424	560	610	355																								
	Y355L-8	185	560	630	610	355																								
KD250-75	Y400-8	220	545	1000	710	400	700	4-φ28	1800	630	200	340	1200	460	810	800	65	6	12-φ22	φ300	φ410	φ460	φ250	φ355	φ405	34	32	4-φ15	4	
	Y400-6	315	424	630	610	355																								
	Y450-6	450	605	1120	800	450																								
	Y450-6	550	605	1120	800	450																								
	Y315M-8	75	386	457	508	315																								
	Y315Lz-8	110	508	560	610	355																								
KD300-56	Y355M2-6	185	424	560	610	355	630	4-φ28	1810	630	200	340	1200	400	810	800	65	6	16-φ22	φ350	φ445	φ485	φ300	φ410	φ460	30	34	4-φ15	1	
	Y355Lz-6	250	545	1000	710	400																								
	Y355M1-8	132	424	560	610	355																								
	Y355M2-8	160	424	560	610	355																								
	Y400-6	355	545	1000	710	400																								700
	Y400-6	400	545	1000	710	400																								700
KD300-60	Y355L-8	185	424	630	610	355	630	4-φ28	2052	630	200	336	1200	400	810	800	65	6	16-φ22	φ350	φ445	φ485	φ300	φ410	φ460	30	34	4-φ15	1	
	Y400-8	250	545	1000	710	400																								
	Y400-6	355	545	1000	710	400																								700
	Y400-6	400	545	1000	710	400																								700
	Y355L-8	185	424	630	610	355																								
	Y400-8	250	545	1000	710	400																								
KD300-70	Y450-6	630	605	1120	800	450	700	4-φ35	1800	630	200	320	1200	470	810	800	65	6	16-φ22	φ350	φ460	φ500	φ300	φ410	φ460	30	34	4-φ15	2	
	Y450-6	630	605	1120	800	450																								
	Y355L-8	185	424	630	610	355																								
	Y400-8	250	545	1000	710	400																								
	Y450-6	450	605	1120	800	450																								
	Y450-6	630	605	1120	800	450																								

Notice: 1. When other models of motors are used, the installation dimensions of the motor parts shall be changed accordingly.
 2. The number in the column "flange connector" indicates the actual position of bolt holes of inlet and outlet flange, as shown in the following figure.



Where there is Kaiquan, there is water!



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