

ZX自吸离心泵 ZX Series Self-priming Centrifugal Pump



描述Introduction

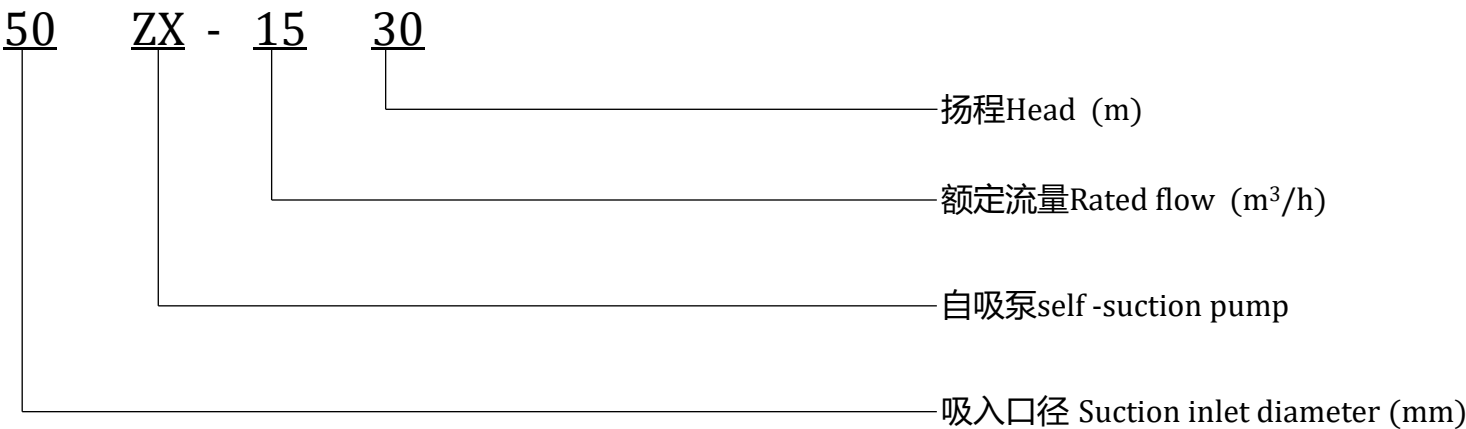
ZX型自吸泵是根据ISO国际标准设计的节能泵，是在吸收和改进国内外相关技术资料的基础上研制而成，属于自吸式离心泵，采用陶瓷环机械密封，防止任何砂状液体进入密封面，防止划伤。该泵结构紧凑、操作方便、运行平稳、维修方便、效率高、使用寿命长、自吸能力强，且无需在管道上安装底阀，工作前只需向泵内充入一定量的先导液，改善了工作条件，简化了管道系统。

ZX self - priming pump is an energy saving pump designed with ISO international standard and developed through absorbing and improving the related technical data both at home and abroad and belongs to the self-suction centrifugal pump and uses the mechanical seal of a ceramic ring so as to resist any sandy liquid to go into the sealing face, preventing it from getting scratched. This pump holds the advantages of a compact structure, easy operation, stable movement, easy maintenance, high efficiency, long duration and strong self-suction capacity and, as no foot valve is needed to be mounted on the pipeline and only a certain amount of leading liquid is required to be filled into the pump before work, improves the work condition while simplifying the pipeline system.

应用范围Application Field

- 1.适用于城市环保、建筑、消防、化工、制药、染料、染色、酿酒、电力、电镀、造纸、工矿冲洗、设备冷却等。
Suitable for city environmental protection, construction, fire fighting, chemical industry, pharmacy, dyes, dyeing, brewing, electric power, electric plating, paper-making, industrial and mineral rinse, equipment cooling and so on.
- 2.这种泵安装了一个摇臂喷头，可以让水冲到空气中，然后分散成细滴喷洒，适用于农场，苗圃，果园和种植园。
This pump, when mounted with a shaking arm shower, can have the water burst into air and then scattered in a thin drop for spraying, useful to a farm, nursery, orchard and tee plantation.
- 3.适用于纯水、海水、酸碱程度的化学介质和一般糊状状态的浆状物料。（介质粘度 $\leq 100\text{cP}$ ，固含量低于30%）。
Suitable for pure water, sea water, the chemical media of an acid and alkaline degree and the pulpy material of a general pasty state. (medium viscosity $\leq 100\text{cP}$, solid content below 30%).
- 4.该泵可与任何型号和规格的压滤机配套使用，是将浆料送入压滤机或压滤机的最理想配套泵。
This pump can work together with a pressure filter of any model and specification and is the most ideal matching pump to send pulpy materials to the said filter for pressure filtering.

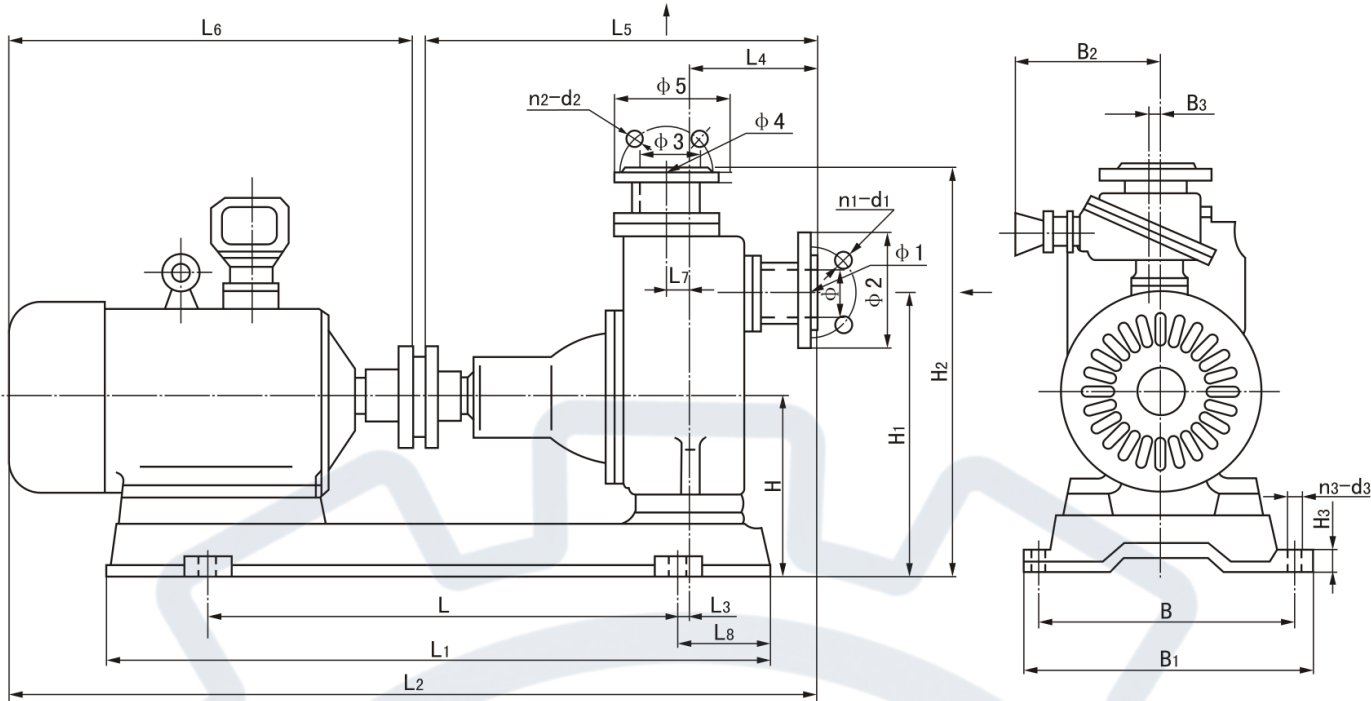
产品型号Ordering Code



技术参数Technical Specification

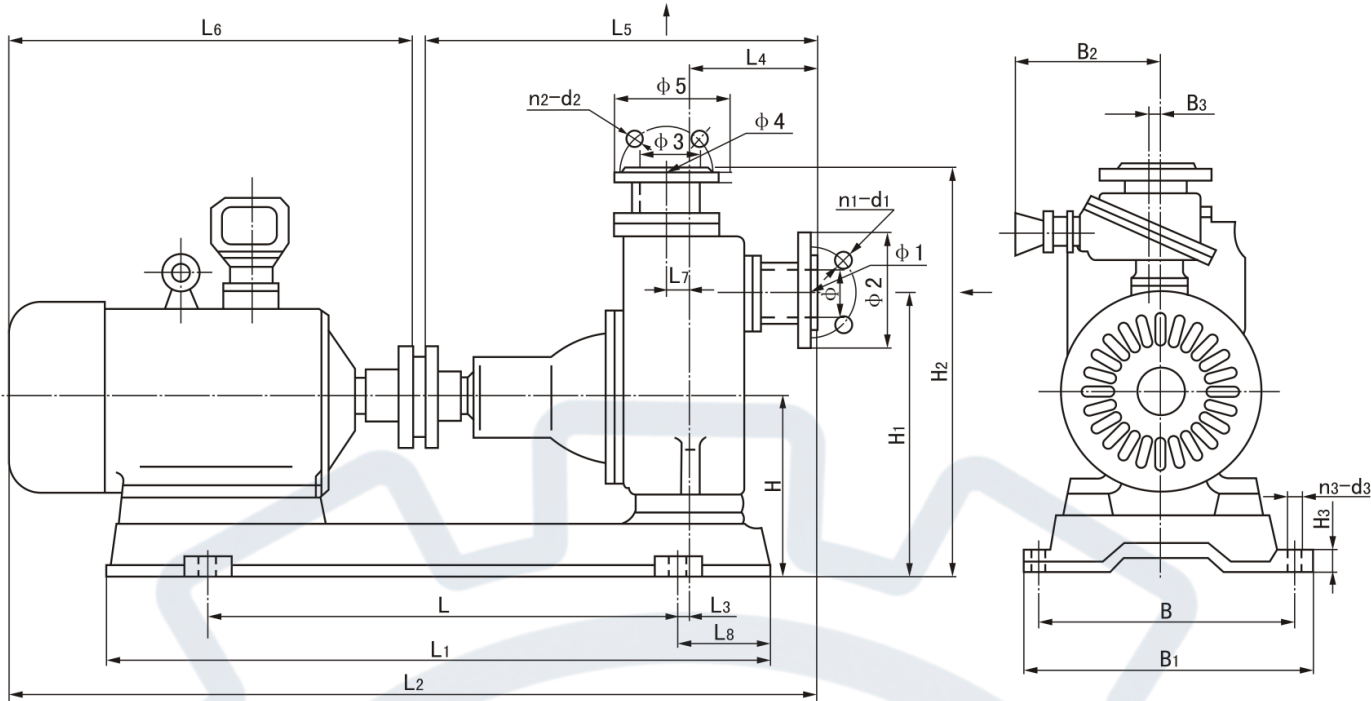
型 号Model	流量Capacity		扬程 Head (m)	自吸高度 Self-priming height(m)	转速 Speed(rpm)	功率 Power(kw)	自吸时间 self-priming time min/5m	泵口径Pump diameter(mm)	
	(m3/h)	(L/S)						吸入口 inlet	排出口outlet
25ZX3.2-20	3.2	0.9	20	6.5	2900	0.75	1.9	25	25
25ZX3.2-32	3.2	0.9	32	6.5	2900	1.1	1.8	25	25
40ZX6.3-20	6.3	1.8	20	6.5	2900	1.1	1.9	40	32
40ZX10-40	10	2.8	40	6.5	2900	4	1.5	50	40
50ZX15-12	15	4.2	12	6.5	2900	1.5	2.4	50	50
50ZX18-20	18	5	20	6.5	2900	2.2	1.9	50	50
50ZX12.5-32	12.5	3.5	32	6.5	2900	3	1.5	50	50
50ZX20-30	20	5.6	30	6.5	2900	4	1.5	50	50
50ZX14-35	14	3.9	35	6.5	2900	4	1.5	50	50
50ZX10-40	10	2.8	40	6.5	2900	4	1.5	50	50
50ZX12.5-50	12.5	3.5	50	6.5	2900	5.5	1.4	50	50
50ZX15-60	15	4.2	60	6.5	2900	7.5	1.3	50	50
50ZX20-75	20	5.6	75	6.5	2900	11	1.3	50	50
65ZX30-15	30	8.3	15	6.5	2900	3	2	65	65
65ZX25-32	25	6.9	39	6	2900	5.5	1.5	65	65
80ZX35-13	35	9.7	13	6	2900	3	3.4	80	80
80ZX43-17	43	12	17	6	2900	4	1.8	80	80
80ZX40-22	40	11.1	22	6	2900	5.5	1.9	80	80
80ZX50-25	50	13.9	25	6	2900	7.5	1.5	80	80
80ZX50-32	50	13.9	32	6	2900	7.5	1.5	80	80
80ZX60-55	60	16.17	55	6	2900	18.5	1.5	80	80
80ZX60-70	60	16.7	70	6	2900	22	1.2	80	80
100ZX100-20	100	27.8	20	6	2900	11	1.8	100	100
100ZX100-40	100	27.8	40	6	2900	22	1.8	100	100
100ZX100-65	100	27.8	65	6	2900	30	1.8	100	100
100ZX70-75	70	19.4	75	6	2900	30	1.8	100	100
150ZX170-55	170	47.2	55	5	2900	45	1.8	150	150
150ZX170-65	170	47.2	65	5	2900	55	1.3	150	150
150ZX160-80	160	44.4	80	5	2900	55	1.2	150	150
200ZX400-32	400	111.1	32	5	1450	55	2	200	200
200ZX280-63	280	77.8	63	5	1450	90	1.5	200	200
200ZX350-65	350	97.2	65	5	1450	110	1.5	200	200
250ZX550-32	550	152.8	32	5	1450	175	2	250	250
250ZX400-50	400	111.1	50	5	1450	90	2	250	250
250ZX450-55	450	125	55	5	1450	110	2	250	250
250ZX400-75	400	111.1	75	5	1450	132	1.5	250	250
300ZX600-32	600	166.7	32	5	1450	90	2	300	300
300ZX500-50	500	138.9	50	5	1450	110	2	300	300
300ZX550-55	550	152.8	55	5	1450	132	2	300	300

外形尺寸图 Overall and Dimensions Figure



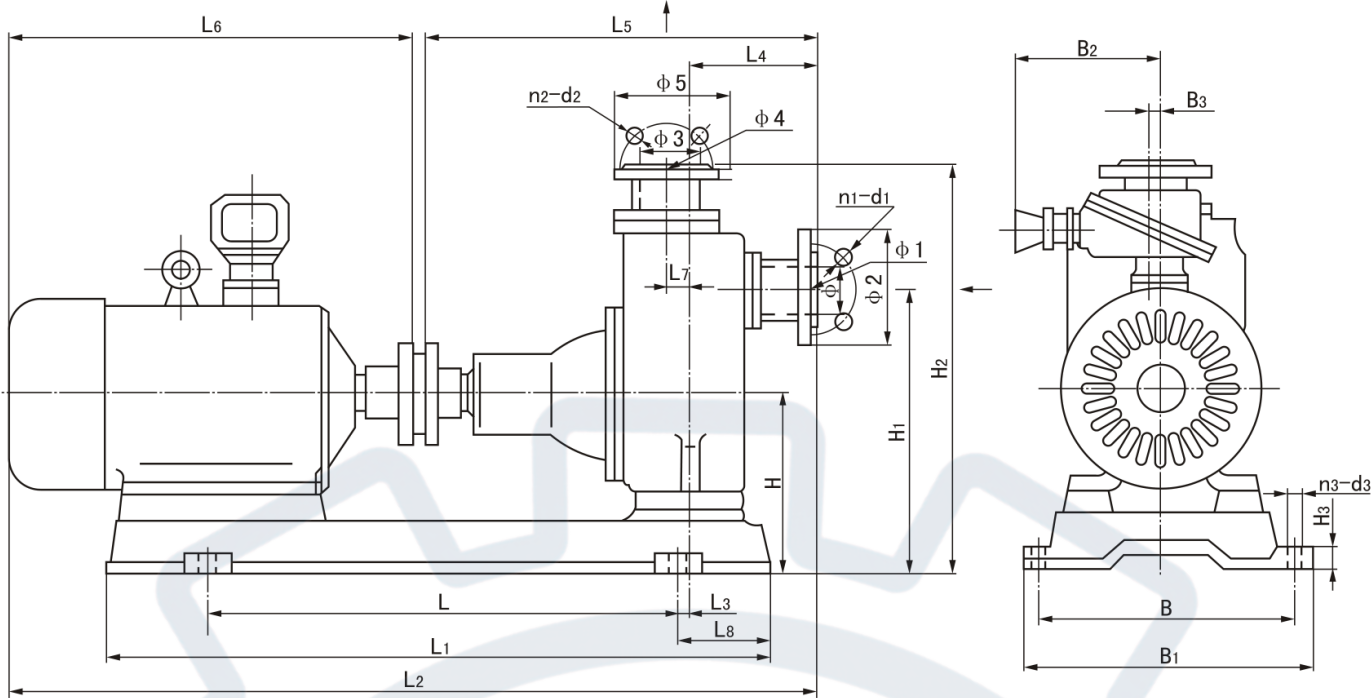
型 号Model	电动机Motor(Kw)		H3	B	B1	B2	B3	Φ	Φ1	Φ2	Φ3	Φ4	Φ5	n1×d1	n2×d2	n3×d3
	型 号Model	功率Power														
25ZX3.2-20	Y801-2	0.75	20	280	320	225	4	25	75	100	25	75	100	4-12	4-14	4-12
25ZX3.2-32	Y802-2	1.1	15	300	330	225	重合	25	75	100	25	75	100	4-12	4-12	4-12
32ZX3.2-20	Y801-2	0.75	20	280	320	225	4	32	100	120	32	100	120	4-12	4-12	4-12
32ZX3.2-32	Y802-2	1.1	15	300	330	225	4	32	100	120	32	100	120	4-12	4-12	4-12
32ZX3.2-50	Y100L-2	3	15	300	330	225	4	32	100	120	32	100	120	4-12	4-12	4-12
40ZX6.3-20	Y802-2	1.1	20	280	320	225	重合	40	100	130	32	100	120	4-14	4-14	4-14
40ZX6.3-32	Y90L-2	2.2	20	280	320	225	4	40	100	130	32	100	120	4-14	4-14	4-14
40ZX10-40	Y112M-2	4	30	370	410	225	重合	40	100	130	40	110	130	4-14	4-14	4-14
40ZX6.3-50	Y112M-2	4	30	370	410	225	4	40	100	130	40	110	130	4-14	4-14	4-14
50ZX15-12	Y90S-2	1.5	20	280	320	225	4.5	50	110	140	50	110	140	4-14	4-14	4-14
50ZX18-20	Y90L-2	2.2	25	320	360	225	7	50	110	140	50	110	140	4-14	4-14	4-14
50ZX12.5-32	Y100L-2	3	25	320	360	225	5	50	110	140	50	110	140	4-14	4-14	4-14
50ZX12.5-40	Y112M-2	4	30	360	404	240	5	50	110	140	50	110	140	4-14	4-14	4-14
50ZX12.5-50	Y132S1-2	5.5	30	360	404	240	重合	50	110	140	50	110	140	4-14	4-18	4-14
50ZX20-30	Y112M-2	4	30	370	410	225	重合	50	110	140	50	110	140	4-14	4-14	4-14
50ZX14-35	Y112M-2	4	30	370	410	225	5	50	110	140	50	110	140	4-14	4-14	4-14
50ZX10-40	Y112M-2	4	25	320	360	225	5	50	110	140	50	110	140	4-14 4	4-14	4-14
50ZX15-60	Y132S2-2	7.5	25	380	410	240	8	50	125	160	50	125	160	4-18	4-18	4-18
50ZX20-75	Y160M1-2	11	25	415	445	240	8	50	125	160	50	125	160	4-18	4-18	4-18
65ZX30-15	Y100L-2	3	25	320	360	225	8	65	130	160	50	110	140	4-14	4-14	4-14
65ZX25-32	Y132S1-2	5.5	30	360	404	240	8	65	130	160	50	110	140	4-18	4-18	4-14
65ZX25-50	Y132S2-2	7.5	30	360	404	240	8	65	145	145	50	125	165	4-18	4-18	4-18
65ZX25-70	Y160M2-2	15	25	415	445	240	8	65	145	145	50	125	165	4-18	4-18	4-18
80ZX35-13	Y100L-2	3	25	320	360	225	9	80	150	185	65	130	160	4-18	4-14	4-18
80ZX43-17	Y112M-2	4	30	370	410	225	12	80	150	185	65	130	160	4-18	4-14	4-14
80ZX40-22	Y132S1-2	5.5	480	870	999	61	152	476	520	重合	195	3	220	370	530	480
80ZX50-20	Y132S1-2	5.5	480	870	999	61	152	476	520	重合	195	3	220	370	530	480
80ZX50-25	Y132S2-2	7.5	480	870	1080	70.5	270	557	520	70	195	3	225	406	595	480
80ZX50-32	Y132S2-2	7.5	480	870	1080	70.5	270	557	520	70	195	3	225	406	595	480
80ZX50-40	Y160M1-2	11	560	950	1140	70.5	270	557	520	70	195	3	225	406	595	560
80ZX60-55	Y160L-2	18.5	600	1025	1269	95	200	558	708	重合	200	3	280	450	655	600
80ZX60-70	Y180M-2	22	730	1170	1404	38	211	656	745	重合	195	3	300	490	705	730
100ZX80-20	Y132S2-2	7.5	600	940	1140	87.5	202	575	668	重合	200	3	260	420	590	600
100ZX100-20	Y160M1-2	11	600	1000	1246	87.5	202	575	668	重合	200	3	260	420	590	600
100ZX100-32	Y160M2-2	15	600	1100	1350	87.5	202	575	668	重合	200	3	260	420	590	600
100ZX100-40	Y180M-2	22	660	1060	1392	115	215	647	743	重合	200	2	320	490	710	660
100ZX100-50	Y180M-2	22	660	1060	1392	115	215	647	743	重合	200	2	320	490	710	660
100ZX100-65	Y200L1-2	30	780	1320	1566	116	230	743	820	重合	270	3	335	555	785	780
100ZX70-75	Y200L1-2	30	780	1320	1566	116	230	743	820	重合	270	3	335	555	785	780
150ZX180-28	Y200L1-2	30	780	1310	1550	130	230	950	830	70	320	3	350	650	960	780
150ZX170-55	Y225M-2	45	780	1420	1650	150	250	950	830	70	320	3	350	650	960	780

外形尺寸图 Overall and Dimensions Figure



型 号Model	电动机Motor(Kw)		L	L1	L2	L3	L4	L5	F	L6	L7	L8	δ	H	H1	H2
	型 号Model	功率Power														
150ZX170-65	Y250M-2	55	905	1500	1780	150	250	950	830	70	320	3	350	650	960	905
150ZX160-80	Y250M-2	55	905	1500	1780	150	250	950	830	70	320	3	350	650	960	905
200ZX400-32	Y250M-2	55	900	1620	2083	165	470	1127	953	重合	360	3	440	800	1170	900
200ZX280-63	Y280M-4	90	1000	1860	2242	210	430	1180	1060	重合	430	2	500	900	1220	1000
200ZX350-65	Y315S-4	110	1000	1860	2452	230	430	430	1270	重合	430	2	535	935	1255	1000
250ZX550-32	Y280S-4	75	1000	1860	2628	195	875	875	1031	重合	430	3	470	1110	1290	1000
250ZX400-50	Y280M-4	90	1000	1860	2604	240	792	792	1060	重合	430	2	500	1100	1300	1000
250ZX450-55	Y315S-4	110	1200	2000	2814	210	792	792	1270	重合	400	2	500	1100	1300	1200
300ZX600-32	Y280M-4	90	1000	1860	2808	195	995	995	1081	重合	430	3	470	1230	1330	1000
300ZX500-50	Y315S-4	110	1200	2000	2962	170	890	890	1270	重合	400	2	550	1210	1440	1200
300ZX550-55	Y315M-4	132	1200	2000	3042	170	890	890	1350	重合	400	2	550	1210	1440	1200
型 号Model	电动机Motor(Kw)		H3	B	B1	B2	B3	Φ	Φ1	Φ2	Φ3	Φ4	Φ5	n1×d1	n2×d2	n3×d3
	型 号Model	功率Power														
25ZX3.2-20	Y801-2	0.75	20	280	320	225	4	25	75	100	25	75	100	4-12	4-14	4-12
25ZX3.2-32	Y802-2	1.1	15	300	330	225	重合	25	75	100	25	75	100	4-12	4-12	4-12
32ZX3.2-20	Y801-2	0.75	20	280	320	225	4	32	100	120	32	100	120	4-12	4-12	4-12
32ZX3.2-32	Y802-2	1.1	15	300	330	225	4	32	100	120	32	100	120	4-12	4-12	4-12
32ZX3.2-50	Y100L-2	3	15	300	330	225	4	32	100	120	32	100	120	4-12	4-12	4-12
40ZX6.3-20	Y802-2	1.1	20	280	320	225	重合	40	100	130	32	100	120	4-14	4-14	4-14
40ZX6.3-32	Y90L-2	2.2	20	280	320	225	4	40	100	130	32	100	120	4-14	4-14	4-14
40ZX10-40	Y112M-2	4	30	370	410	225	重合	40	100	130	40	110	130	4-14	4-14	4-14
40ZX6.3-50	Y112M-2	4	30	370	410	225	4	40	100	130	40	110	130	4-14	4-14	4-14
50ZX15-12	Y90S-2	1.5	20	280	320	225	4.5	50	110	140	50	110	140	4-14	4-14	4-14
50ZX18-20	Y90L-2	2.2	25	320	360	225	7	50	110	140	50	110	140	4-14	4-14	4-14
50ZX12.5-32	Y100L-2	3	25	320	360	225	5	50	110	140	50	110	140	4-14	4-14	4-14
50ZX12.5-40	Y112M-2	4	30	360	404	240	5	50	110	140	50	110	140	4-14	4-14	4-14
50ZX12.5-50	Y132S1-2	5.5	30	360	404	240	重合	50	110	140	50	110	140	4-14	4-18	4-14
50ZX20-30	Y112M-2	4	30	370	410	225	重合	50	110	140	50	110	140	4-14	4-14	4-14
50ZX14-35	Y112M-2	4	30	370	410	225	5	50	110	140	50	110	140	4-14	4-14	4-14
50ZX10-40	Y112M-2	4	25	320	360	225	5	50	110	140	50	110	140	4-14 4	4-14	4-14
50ZX15-60	Y132S2-2	7.5	25	380	410	240	8	50	125	160	50	125	160	4-18	4-18	4-18
50ZX20-75	Y160M1-2	11	25	415	445	240	8	50	125	160	50	125	160	4-18	4-18	4-18
65ZX30-15	Y100L-2	3	25	320	360	225	8	65	130	160	50	110	140	4-14	4-14	4-14
65ZX25-32	Y132S1-2	5.5	30	360	404	240	8	65	130	160	50	110	140	4-18	4-18	4-14
65ZX25-50	Y132S2-2	7.5	30	360	404	240	8	65	145	145	50	125	165	4-18	4-18	4-18
65ZX25-70	Y160M2-2	15	25	415	445	240	8	65	145	145	50	125	165	4-18	4-18	4-18
80ZX35-13	Y100L-2	3	25	320	360	225	9	80	150	185	65	130	160	4-18	4-14	4-18
80ZX43-17	Y112M-2	4	30	370	410	225	12	80	150	185	65	130	160	4-18	4-14	4-14

进出口法兰尺寸 Overall and Dimensions Figure



型 号Model	电动机Motor(Kw)		H3	B	B1	B2	B3	Φ	Φ1	Φ2	Φ3	Φ4	Φ5	n1×d1	n2×d2	n3×d3
	型 号Model	功率Power														
80ZX40-22	Y132S1-2	5.5	30	360	404	240	12	80	150	185	65	130	160	4-18	4-14	4-14
80ZX50-20	Y132S1-2	5.5	30	360	404	240	12	80	150	185	65	130	160	4-18	4-14	4-14
80ZX50-25	Y132S2-2	7.5	30	360	404	240	重合	80	160	195	80	160	195	4-18	4-18	4-18
80ZX50-32	Y132S2-2	7.5	30	360	404	240	重合	80	160	195	80	160	195	4-18	4-18	4-18
80ZX50-40	Y160M1-2	11	30	360	404	240	重合	80	160	195	80	160	195	4-18	4-18	4-18
80ZX60-55	Y160L-2	18.5	25	415	445	240	10	80	160	195	80	160	195	4-18	4-18	4-18
80ZX60-70	Y180M-2	22	30	460	510	240	10	80	160	195	80	160	195	4-18	4-18	4-18
100ZX80-20	Y132S2-2	7.5	30	415	445	240	重合	100	170	210	100	170	250	4-18	4-18	4-18
100ZX100-20	Y160M1-2	11	30	415	445	240	重合	100	170	210	100	170	250	4-18	4-18	4-18
100ZX100-32	Y160M2-2	15	30	415	445	240	重合	100	170	210	100	170	250	4-18	4-18	4-18
100ZX100-40	Y180M-2	22	25	460	510	240	12	100	170	210	100	170	210	8-18	4-18	8-18
100ZX100-50	Y180M-2	22	25	460	510	240	12	100	170	210	100	170	210	8-18	4-18	8-18
100ZX100-65	Y200L1-2	30	30	546	596	290	14	100	80	215	100	180	215	8-18	4-19	8-18
100ZX70-75	Y200L1-2	30	30	546	596	290	14	100	80	215	100	180	215	8-18	4-19	8-18
150ZX180-28	Y200L1-2	30	30	580	630	290	30	150	240	285	150	240	285	8-22	8-22	8-22
150ZX170-55	Y225M-2	45	30	580	630	290	30	150	240	285	150	240	285	8-22	8-22	8-22
150ZX170-65	Y250M-2	55	30	580	630	290	30	150	240	285	150	240	285	8-22	8-22	8-22
150ZX160-80	Y250M-2	55	30	580	630	290	30	150	240	285	150	240	285	8-22	8-22	8-22
200ZX400-32	Y250M-2	55	30	710	770	290	30	200	280	315	315	280	315	8-18	4-25	8-18
200ZX280-63	Y280M-4	90	40	760	840	330	22	200	295	335	150	240	280	8-23	4-25	8-24
200ZX350-65	Y315S-4	110	40	760	840	330	22	200	295	335	150	240	280	8-23	8-23	4-25
250ZX550-32	Y280S-4	75	30	760	840	330	35	250	335	370	250	335	370	12-18	12-18	4-25
250ZX400-50	Y280M-4	90	40	760	840	330	25	250	350	390	250	350	390	12-23	12-23	4-25
250ZX450-55	Y315S-4	110	40	900	980	400	25	250	350	390	250	350	390	12-23	12-23	4-25
300ZX600-32	Y280M-4	90	30	760	840	330	35	300	395	435	300	395	435	12-23	12-23	4-25
300ZX500-50	Y315S-4	110	40	900	980	400	30	300	400	440	300	400	440	12-23	12-23	4-25
300ZX550-55	Y315M-4	132	40	900	980	400	30	300	400	440	300	400	440	12-23	12-23	4-25
150ZX170-65	Y250M-2	55	25	380	410	240	8	50	125	160	50	125	160	4-18	4-18	4-18
150ZX160-80	Y250M-2	55	25	415	445	240	8	50	125	160	50	125	160	4-18	4-18	4-18
200ZX400-32	Y250M-2	55	25	320	360	225	8	65	130	160	50	110	140	4-14	4-14	4-14
200ZX280-63	Y280M-4	90	30	360	404	240	8	65	130	160	50	110	140	4-18	4-18	4-14
200ZX350-65	Y315S-4	110	30	360	404	240	8	65	145	145	50	125	165	4-18	4-18	4-18
250ZX550-32	Y280S-4	75	25	415	445	240	8	65	145	145	50	125	165	4-18	4-18	4-18
250ZX400-50	Y280M-4	90	25	320	360	225	9	80	150	185	65	130	160	4-18	4-14	4-18
250ZX450-55	Y315S-4	110	30	370	410	225	12	80	150	185	65	130	160	4-18	4-14	4-14
300ZX600-32	Y280M-4	90	30	360	404	240	12	80	150	185	65	130	160	4-18	4-14	4-14
300ZX500-50	Y315S-4	110	30	360	404	240	12	80	150	185	65	130	160	4-18	4-14	4-14
300ZX550-55	Y315M-4	132	30	360	404	240	重合	80	160	195	80	160	195	4-18	4-18	4-18