

选型技术数据表 Technical data table

机座号 Frame Size	型号 Type	额定功率 Rated Output	额定转速 Rated speed	效率 Efficiency	功率因数 Power factor	额定电流 Rated current	额定转矩 Rated torque	额定功率 Rated Output	额定转速 Rated speed	效率 Efficiency	功率因数 Power factor	额定电流 Rated current	额定转矩 Rated torque	额定转速 Rated speed	直接启动对额定转矩(电流)的倍数	启动电流 Starting current	启动转矩 Starting torque	最大转矩 Max torque	转动惯量 Moment of inertia	重量 Weight
		kW	rpm	%		A	Nm	kW	rpm	%		A	Nm	rpm			Max torque	kgm ²	kg	
3000rpm 2-pole																				
220VD/380VY 50Hz											440VY 60Hz									
80M	1LGO 080-2AA..	0.75	2845	76	0.83	1.81	2.5	0.86	3450	76.0	0.83	1.79	2.38	3450	6.1	2.3	2.7	0.0008	14	
80M	1LGO 083-2AA..	1.1	2840	77.4	0.84	2.57	3.7	1.3	3430	79.0	0.84	2.57	3.62	3430	7	2.3	2.5	0.0009	15	
90S	1LGO 090-2AA..	1.5	2840	79	0.84	3.43	5	1.75	3440	80.0	0.84	3.42	4.86	3440	6.9	2.3	2.3	0.0012	22	
90L	1LGO 096-2AA..	2.2	2840	81.1	0.85	4.85	7.4	2.55	3440	82.0	0.85	4.80	7.08	3440	6.9	2.3	2.8	0.0014	24	
100L	1LGO 106-2AA..	3	2860	83	0.88	6.31	10	3.45	3460	84.0	0.87	6.19	9.52	3460	6.9	2.3	2.8	0.0039	33	
380VD/660VY 50Hz											440VD 60Hz									
112M	1LGO 113-2AA..	4	2880	85	0.88	8.1	13.3	4.6	3480	86.0	0.88	8.0	12.6	3480	7.2	2.3	2.8	0.0055	38	
132S	1LGO 130-2AA..	5.5	2900	86	0.88	11	18.1	6.3	3500	86.0	0.88	10.9	17.2	3500	7.5	2.3	2.8	0.0109	58	
132S	1LGO 131-2AA..	7.5	2900	87	0.88	14.9	24.7	8.6	3500	87.0	0.88	14.7	23.5	3500	7.4	2.3	2.8	0.013	63	
160M	1LGO 163-2AA..	11	2930	88.4	0.89	21.2	35.9	12.6	3520	89.5	0.89	20.8	34.2	3520	7.5	2.5	2.6	0.038	105	
160M	1LGO 164-2AA..	15	2930	89.4	0.89	28.6	48.9	17.3	3520	90.0	0.895	28.2	46.9	3520	7.3	2.5	2.9	0.045	115	
160L	1LGO 166-2AA..	18.5	2930	91	0.9	34.3	60.3	21.3	3520	90.5	0.905	34.1	57.8	3520	7.2	2.5	2.8	0.055	128	
180M	1LGO 183-2AA..	22	2940	91.2	0.89	41.2	71.5	24.5	3540	90.0	0.90	39.7	66.1	3540	7.5	2.3	2.9	0.075	165	
200L	1LGO 206-2AA..	30	2950	91.4	0.9	55.4	97.1	33.5	3540	91.2	0.90	53.6	90.4	3540	6.9	2.2	2.9	0.124	225	
200L	1LGO 207-2AA..	37	2950	92	0.9	67.9	120	41.5	3540	92.0	0.90	65.8	112	3540	7.1	2.3	2.9	0.139	246	
225M	1LGO 223-2AA..	45	2960	92.5	0.9	82.1	145	51	3550	92.8	0.91	79.2	137	3550	7.3	2.5	2.9	0.233	296	
250M	1LGO 253-2AB..	55	2965	93	0.9	100	177	62	3560	92.5	0.90	98	166	3560	7.5	2.5	2.9	0.312	390	
280S	1LGO 280-2AB..	75	2970	93.6	0.9	135	241	84	3560	93.0	0.90	132	225	3560	7.5	2.3	2.9	0.597	504	
280M	1LGO 283-2AB..	90	2970	93.9	0.91	160	289	101	3560	93.8	0.91	155	271	3560	7.5	2.2	2.3	0.675	536	
315S	1LGO 310-2AC..	110	2975	94	0.91	195	353	123	3570	94.0	0.91	189	329	3570	7.1	1.8	2.2	1.18	865	
315M	1LGO 313-2AC..	132	2975	94.5	0.91	233	424	148	3570	94.5	0.91	226	396	3570	7.1	1.8	2.2	1.55	960	
315L	1LGO 316-2AC..	160	2975	94.6	0.92	279	514	180	3570	94.6	0.92	271	482	3570	7	1.9	2.5	1.76	1035	
315L	1LGO 317-2AC..	200	2975	94.8	0.92	348	642	224	3570	94.8	0.92	337	599	3570	7.1	1.8	2.2	2.02	1160	
355M	1LGO 353-2AC70	220	2987	94.8	0.92	383	703	246	3580	94.8	0.92	370	656	3580	7.1	1.4	2.2	3.02	1545	
355M	1LGO 354-2AC70	250	2987	95.2	0.9	444	799	280	3580	95.3	0.92	419	747	3580	7.1	1.4	2.2	3.56	1650	
355L	1LGO 356-2AC70	280	2987	95.2	0.9	497	895	314	3580	95.3	0.92	470	838	3580	7.1	1.4	2.2	3.84	1650	
355L	1LGO 357-2AC70	315	2987	95.4	0.9	558	1007	353	3580	95.6	0.92	527	942	3580	7.1	1.4	2.2	4.16	1790	

机座号	型号	额定功率	额定转速	效率	功率因数	额定电流	额定转矩	额定功率	额定转速	效率	功率因数	额定电流	额定转矩	额定功率	额定转速	效率	功率因数	额定电流	额定转矩	启动电流	启动转矩	最大转矩	转动惯量	重量	
Frame Size	Type	Rated Output kW	Rated speed rpm	Efficiency %	Power factor	Rated current A	Rated torque Nm	Rated Output kW	Rated speed rpm	Efficiency %	Power factor	Rated current A	Rated torque Nm	Rated Output kW	Rated speed rpm	Efficiency %	Power factor	Rated current A	Rated torque Nm	Starting current	Starting torque	Max torque	Moment of inertia kgm ²	Weight kg	
1500rpm 4-pole																									
220VD/380VY 50Hz													440VY 60Hz												
80M	1LGO 080-4AA..	0.55	1390	71	0.75	1.57	3.8	0.63	1690	73.0	0.75	1.51	3.56	0.63	1690	73.0	0.75	1.51	3.56	5	2.4	2.6	0.002	14	
80M	1LGO 083-4AA..	0.75	1380	73	0.76	2.05	5.2	0.86	1680	75.0	0.76	1.98	4.89	0.86	1680	75.0	0.76	1.98	4.89	5.8	2.4	2.6	0.002	15	
90S	1LGO 090-4AA..	1.1	1390	76.2	0.76	2.89	7.6	1.3	1680	77.0	0.77	2.88	7.39	1.3	1680	77.0	0.77	2.88	7.39	5.8	2.3	2.5	0.0021	21	
90L	1LGO 096-4AA..	1.5	1390	78.5	0.79	3.67	10.3	1.75	1680	79.0	0.79	3.68	9.95	1.75	1680	79.0	0.79	3.68	9.95	5.8	2.4	2.8	0.003	23	
100L	1LGO 106-4AA..	2.2	1410	81	0.8	5.16	14.9	2.55	1710	81.0	0.81	5.10	14.2	2.55	1710	81.0	0.81	5.10	14.2	6	2.4	2.3	0.007	31	
100L	1LGO 107-4AA..	3	1410	82.8	0.81	6.8	20.3	3.45	1710	83.0	0.82	6.65	19.3	3.45	1710	83.0	0.82	6.65	19.3	6	2.3	2.8	0.007	33	
380VD/660VY 50Hz													440VD 60Hz												
112M	1LGO 113-4AA..	4	1435	84.5	0.82	8.8	26.6	4.6	1730	85.0	0.82	8.7	25.4	4.6	1730	85.0	0.82	8.7	25.4	6.2	2.3	2.8	0.0095	44	
132S	1LGO 130-4AA..	5.5	1440	86	0.82	11.8	36.5	6.3	1740	85.5	0.85	11.4	34.6	6.3	1740	85.5	0.85	11.4	34.6	6.5	2.3	2.8	0.0214	61	
132M	1LGO 133-4AA..	7.5	1440	87.2	0.84	15.6	49.7	8.6	1740	87.0	0.84	15.4	47.2	8.6	1740	87.0	0.84	15.4	47.2	7	2.5	2.8	0.0296	71	
160M	1LGO 163-4AA..	11	1460	89	0.83	22.6	72	12.6	1750	89.0	0.85	21.9	68.8	12.6	1750	89.0	0.85	21.9	68.8	7	2.4	2.9	0.075	110	
160L	1LGO 166-4AA..	15	1460	90	0.84	30.1	98.1	17.3	1750	89.5	0.85	29.8	94.4	17.3	1750	89.5	0.85	29.8	94.4	7.5	2.5	2.9	0.092	132	
180M	1LGO 183-4AA..	18.5	1470	90.6	0.86	36.1	120.2	21.3	1760	91.0	0.86	35.7	116	21.3	1760	91.0	0.86	35.7	116	7	2.3	2.9	0.139	164	
180L	1LGO 186-4AA..	22	1470	91.4	0.86	42.5	143	24.5	1760	91.5	0.865	40.6	133	24.5	1760	91.5	0.865	40.6	133	7	2.4	2.9	0.158	180	
200L	1LGO 206-4AA..	30	1470	92.1	0.86	57.5	195	33.5	1760	92.5	0.86	55.3	182	33.5	1760	92.5	0.86	55.3	182	7	2.3	2.8	0.262	225	
225S	1LGO 220-4AA..	37	1475	92.6	0.87	69.8	240	41.5	1770	92.8	0.87	67.4	224	41.5	1770	92.8	0.87	67.4	224	6.9	2.2	2.7	0.406	285	
225M	1LGO 223-4AA..	45	1475	92.8	0.87	84.7	291	51	1770	93.0	0.87	82.7	275	51	1770	93.0	0.87	82.7	275	6.9	2.2	2.3	0.469	305	
250M	1LGO 253-4AA..	55	1480	93	0.87	103	355	62	1770	93.5	0.875	99	335	62	1770	93.5	0.875	99	335	7.1	2.4	2.8	0.66	400	
280S	1LGO 280-4AA..	75	1480	93.8	0.87	140	484	84	1780	93.8	0.88	134	451	84	1780	93.8	0.88	134	451	6.8	2.3	2.8	1.12	553	
280M	1LGO 283-4AA..	90	1480	94.3	0.87	167	580	101	1780	94.3	0.88	160	542	101	1780	94.3	0.88	160	542	7.2	2.4	2.8	1.46	582	
315S	1LGO 310-4AB..	110	1480	94.6	0.88	201	710	123	1780	94.5	0.88	194	660	123	1780	94.5	0.88	194	660	6.2	2.3	2.8	3.11	900	
315M	1LGO 313-4AB..	132	1480	94.9	0.88	240	852	148	1780	94.8	0.88	233	794	148	1780	94.8	0.88	233	794	6.1	2.2	2.8	3.29	995	
315L	1LGO 316-4AB..	160	1480	95.1	0.89	287	1032	180	1780	94.9	0.89	280	966	180	1780	94.9	0.89	280	966	6.5	2.2	2.8	3.79	1070	
315L	1LGO 317-4AB..	200	1480	95.3	0.89	358	1291	224	1780	95.0	0.89	348	1202	224	1780	95.0	0.89	348	1202	6.4	2.1	2.8	4.49	1220	
355M	1LGO 353-4AB70	220	1490	95	0.89	395	1410	246	1780	95.0	0.89	382	1320	246	1780	95.0	0.89	382	1320	6.9	1.6	2.2	4.82	1645	
355M	1LGO 354-4AB70	250	1490	95.2	0.87	459	1602	280	1780	95.3	0.90	428	1502	280	1780	95.3	0.90	428	1502	6.9	1.6	2.2	5.67	1685	
355L	1LGO 356-4AB70	280	1490	95.2	0.87	514	1794	314	1780	95.3	0.90	480	1685	314	1780	95.3	0.90	480	1685	6.9	1.6	2.2	6.13	1780	
355L	1LGO 357-4AB70	315	1490	95.2	0.87	578	2019	353	1780	95.6	0.90	538	1894	353	1780	95.6	0.90	538	1894	6.9	1.6	2.2	6.66	1890	

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机座号 Frame Size	型号 Type	额定功率 Rated Output	额定转速 Rated speed	效率 Efficiency	功率因数 Power factor	额定电流 Rated current	额定转矩 Rated torque	额定功率 Rated Output	额定转速 Rated speed	效率 Efficiency	功率因数 Power factor	额定电流 Rated current	额定转矩 Rated torque	启动电流 Starting current	启动转矩 Starting torque	最大转矩 Max torque	转动惯量 Moment of inertia	重量 Weight
		kW	rpm	%		A	Nm	kW	rpm	%		A	Nm	直接启动对额定转矩(电流)的倍数	torque	kgm ²	kg	
1000rpm 6-pole																		
220VD/380VY 50Hz																		
440VY 60Hz																		
80M	1LGO 083-6AA..	0.55	885	65	0.72	1.79	5.9	0.63	1080	66.0	0.72	1.74	5.57	4.7	1.9	2.1	0.003	16
90S	1LGO 090-6AA..	0.75	910	69	0.72	2.29	7.9	0.86	1100	71.0	0.72	2.21	7.47	5	2	2.3	0.0029	20
90L	1LGO 096-6AA..	1.1	910	72	0.73	3.18	11.5	1.3	1100	73.5	0.73	3.18	11.3	5	2.1	2.3	0.0035	23
100L	1LGO 106-6AA..	1.5	920	76	0.75	4	15.6	1.75	1110	78.0	0.75	3.93	15.1	5	2.2	2.4	0.0069	31
112M	1LGO 113-6AA..	2.2	935	80	0.75	5.6	22.5	2.55	1130	81.0	0.76	5.4	21.6	5	2.4	2.4	0.0138	40
132S	1LGO 130-6AA..	3	960	81.5	0.76	7.4	29.8	3.45	1160	82.0	0.76	7.3	28.4	6	2.1	2.6	0.0286	56
380VD/660VY 50Hz																		
440VD 60Hz																		
132M	1LGO 133-6AA..	4	960	82	0.76	9.8	38.2	4.6	1160	83.0	0.76	9.6	37.9	6	2.1	2.8	0.036	68
132M	1LGO 134-6AA..	5.5	960	84.4	0.77	12.9	52.5	6.3	1160	86.0	0.77	12.5	51.9	6.4	2.1	2.8	0.045	75
160M	1LGO 163-6AA..	7.5	970	86	0.77	17.2	71.6	8.6	1160	87.5	0.78	16.5	70.8	6.5	2	2.7	0.088	104
160L	1LGO 166-6AA..	11	970	87.5	0.78	24.5	105.1	12.6	1160	88.5	0.78	24.0	104	6.5	2	2.9	0.116	127
180L	1LGO 186-6AA..	15	970	89	0.83	30.9	143	17.3	1170	90.0	0.82	30.8	141	6.5	2.2	2.7	0.207	167
200L	1LGO 206-6AB..	18.5	980	90	0.81	38.6	177	21.3	1170	90.5	0.82	37.7	174	6.5	2.2	2.8	0.315	210
200L	1LGO 207-6AB..	22	980	90	0.83	44.7	210	24.5	1170	91.0	0.835	42.3	200	6.5	2.1	2.6	0.36	223
225M	1LGO 223-6AB..	30	980	91.7	0.84	59.2	287	33.5	1170	92.0	0.85	56.2	273	6.5	2	2.6	0.547	290
250M	1LGO 253-6AB..	37	980	92	0.86	71	353	41.5	1170	92.0	0.87	68	339	6.9	2.1	2.8	0.834	375
280S	1LGO 280-6AB..	45	980	92.5	0.86	86	430	51	1180	92.5	0.86	84	413	7	2.2	2.8	1.39	492
280M	1LGO 283-6AB..	55	980	92.8	0.86	105	525	62	1180	93.0	0.865	101	502	7	2.1	2	1.65	530
315S	1LGO 310-6AB..	75	989	93.5	0.86	142	724	84	1186	93.8	0.86	137	676	7	2.3	2.8	4.11	820
315M	1LGO 313-6AB..	90	989	93.8	0.86	170	869	101	1186	93.8	0.86	164	813	6.2	2	2.7	4.28	895
315L	1LGO 316-6AB..	110	989	94.3	0.86	206	1062	123	1186	94.0	0.86	200	990	6.2	2	2.6	5.45	1010
315L	1LGO 317-6AB..	132	989	94.6	0.87	244	1274	148	1186	94.5	0.87	236	1192	6.5	2	2.8	6.12	1080
355M	1LGO 353-6AB76	160	989	94.5	0.88	292	1609	180	1180	94.5	0.88	284	1457	6.7	1.9	2	8.85	1590
355M	1LGO 354-6AB76	185	989	94.5	0.88	338	1861	207	1180	94.5	0.88	327	1675	6.7	1.9	2	8.98	1660
355M	1LGO 355-6AB76	200	989	94.7	0.88	365	2012	224	1180	94.7	0.88	353	1813	6.7	1.9	2	9.55	1730
355L	1LGO 356-6AB76	220	989	94.7	0.88	401	2213	246	1180	94.7	0.88	387	1991	6.7	1.9	2	10.09	1835

订货号/电压代码说明		设计型式代码说明	
Penultimate position: (倒数第2位)		Final position (最后一位)	
Voltage Identifier No. (电压代码)		Type of construction Identifier No. (结构型式代码)	
220VD/380VY 50Hz	380VD/660VY 50Hz	机座带底脚, 端盖无法兰 With feet and without flange on the end-shield	机座不带底脚, 端盖有法兰 Without feet and with flange on the end-shield
2	7	9	4