

YL series technical data (10kV)

型 号 Type	额定 功率 (kW)	定子 电流 (A)	转速 (r/min)	效率 (%)	功率 因数 CosΦ	最大 转矩	堵转 转矩	堵转 电流	转动惯量		重 量 (kg)
						额定 转矩 Tm Tn	额定 转矩 Tst Tn	额定 电流 Ist Tn	moment of inertia		
									电 机 J m (kg.m ²)	负载 J (kg.m ²)	
YL4501-4	355	25.5	1490	93.3	0.86	1.8	0.7	7	12	119	2785
YL4502-4	400	28.7	1490	93.5	0.86	1.8	0.7	7	12.9	132	2865
YL4503-4	450	32.2	1490	93.9	0.86	1.8	0.7	7	12.9	147	2945
YL4504-4	500	35.7	1490	94.0	0.86	1.8	0.7	7	13.8	161	3025
YL4505-4	560	39.9	1490	94.2	0.86	1.8	0.7	7	13.8	178	3105
YL4506-4	630	44.8	1490	94.4	0.86	1.8	0.7	7	14.7	196	3185
YL5001-4	710	49.6	1490	95.0	0.87	1.8	0.7	7	22	217	4100
YL5002-4	800	55.8	1490	95.1	0.87	1.8	0.7	7	23	240	4250
YL5003-4	900	62.2	1490	95.2	0.88	1.8	0.7	7	25	265	4400
YL5004-4	1000	68.8	1490	95.3	0.88	1.8	0.7	7	27	289	4550
YL5005-4	1120	77.0	1490	95.4	0.88	1.8	0.7	7	29	317	4700
YL5601-4	1250	84.9	1490	95.5	0.89	1.8	0.7	7	40	347	8470
YL5602-4	1400	94.9	1490	95.7	0.89	1.8	0.7	7	43	379	8690
YL5603-4	1600	108.3	1490	95.8	0.89	1.8	0.7	7	46	421	8910
YL6301-4	1800	121.8	1490	95.9	0.89	1.8	0.6	7	86	460	8880
YL6302-4	2000	135.2	1490	96.0	0.89	1.8	0.6	7	91	498	9230
YL6303-4	2240	151.2	1490	96.1	0.89	1.8	0.6	7	96	540	9580
YL4503-6	315	23.9	990	92.8	0.82	1.8	0.7	6	14.7	291	3060
YL4504-6	355	26.5	990	93.1	0.83	1.8	0.7	6	15.7	324	3140
YL4505-6	400	29.8	990	93.3	0.83	1.8	0.7	6	17.1	361	3220
YL4506-6	450	33.5	990	93.5	0.83	1.8	0.7	6	18.2	400	3300
YL5001-6	500	37.0	990	93.9	0.83	1.8	0.7	6	23	440	4080
YL5002-6	560	40.9	990	94.1	0.84	1.8	0.7	6	25	486	4220
YL5003-6	630	45.9	990	94.4	0.84	1.8	0.7	6	27	539	4380
YL5004-6	710	51.6	990	94.6	0.84	1.8	0.7	6	29	599	4570
YL5005-6	800	58.1	990	94.7	0.84	1.8	0.7	6	31	664	4760
YL5601-6	900	64.4	990	94.9	0.85	1.8	0.7	6	49	735	5350
YL5602-6	1000	71.4	990	95.1	0.85	1.8	0.7	6	53	805	5520
YL5603-6	1120	79.8	990	95.3	0.85	1.8	0.7	6	56	886	5690
YL5604-6	1250	88.0	990	95.4	0.86	1.8	0.7	6	60	972	5860
YL6301-6	1400	98.2	990	95.7	0.86	1.8	0.6	6	114	1068	8125
YL6302-6	1600	112.1	990	95.8	0.86	1.8	0.6	6	121	1192	8355
YL6303-6	1800	126.0	990	95.9	0.86	1.8	0.6	6	128	1312	8585

注：表中性能数据对应的保证值见附表。

Note: These property data shown in table which in correspondence with these guaranteed values are shown in the additive table.

YL series technical data (10kV)

型 号 Type	额定 功率 (kW)	定子 电流 (A)	转速 (r/min)	效率 (%)	功率 因数 CosΦ	最大 转矩	堵转 转矩	堵转 电流	转动惯量		重 量 (kg)
						额定 转矩	额定 转矩	额定 电流	moment of inertia		
						Tm	Tst	Ist	电 机 J m	负载 J	
						Tn	Tn	Tn	(kg.m ²)	(kg.m ²)	
YL5001-8	315	25.5	740	92.8	0.77	1.8	0.7	6	22	588	3650
YL5002-8	355	28.6	740	93.1	0.77	1.8	0.7	6	24	656	3700
YL5003-8	400	31.8	740	93.2	0.78	1.8	0.7	6	26	730	3820
YL5004-8	450	35.7	740	93.4	0.78	1.8	0.7	6	28	812	3970
YL5005-8	500	39.0	740	93.8	0.79	1.8	0.7	6	30	893	4110
YL5006-8	560	43.6	740	93.9	0.79	1.8	0.7	6	32	989	4250
YL5601-8	630	47.0	740	94.4	0.82	1.8	0.7	6	56	1098	5340
YL5602-8	710	52.8	740	94.6	0.82	1.8	0.7	6	60	1221	5510
YL5603-8	800	59.5	740	94.7	0.82	1.8	0.7	6	63	1357	5680
YL5604-8	900	66.8	740	94.8	0.82	1.8	0.7	6	67	1505	5850
YL6301-8	1000	73.2	740	95.0	0.83	1.8	0.7	6	141	1650	8415
YL6302-8	1120	81.8	740	95.2	0.83	1.8	0.7	6	149	1820	8535
YL6303-8	1250	91.2	740	95.3	0.83	1.8	0.7	6	157	2001	8655
YL5003-10	280	23.6	590	92.4	0.74	1.8	0.7	5.5	28	910	4250
YL5004-10	315	26.5	590	92.6	0.74	1.8	0.7	5.5	30	1014	4310
YL5005-10	355	29.4	590	92.8	0.75	1.8	0.7	5.5	32	1131	4380
YL5006-10	400	33.1	590	93.0	0.75	1.8	0.7	5.5	32	1261	4530
YL5601-10	450	36.2	590	93.2	0.77	1.8	0.7	6	75	1403	5250
YL5602-10	500	40.1	590	93.4	0.77	1.8	0.7	6	80	1544	5510
YL5603-10	560	44.3	590	93.5	0.78	1.8	0.7	6	84	1710	5660
YL5604-10	630	49.8	590	93.7	0.78	1.8	0.7	6	89	1902	5800
YL5605-10	710	56.0	590	93.9	0.78	1.8	0.7	6	94	2117	5950
YL6301-10	800	61.2	590	94.3	0.80	1.8	0.7	6	144	2355	8235
YL6302-10	900	68.7	590	94.5	0.80	1.8	0.7	6	153	2614	8465
YL6303-10	1000	76.3	590	94.6	0.80	1.8	0.7	6	161	2870	8665
YL6304-10	1120	85.4	590	94.7	0.80	1.8	0.7	6	169	3170	8865
YL5601-12	315	27.0	490	92.3	0.73	1.8	0.7	6	73	1580	5250
YL5602-12	355	30.4	490	92.5	0.73	1.8	0.7	6	77	1763	5370
YL5603-12	400	34.1	490	92.7	0.73	1.8	0.7	6	82	1967	5510
YL5604-12	450	38.3	490	92.9	0.73	1.8	0.7	6	87	2190	5650
YL5605-12	500	42.4	490	93.2	0.73	1.8	0.7	6	92	2411	5790
YL6301-12	560	46.7	490	93.5	0.74	1.8	0.7	6	119	2672	8420
YL6302-12	630	52.5	490	93.7	0.74	1.8	0.7	6	136	2974	8520
YL6303-12	710	59.0	490	93.9	0.74	1.8	0.7	6	152	3313	8820
YL6304-12	800	66.3	490	94.3	0.74	1.8	0.7	6	160	3688	9020

注：表中性能数据对应的保证值见附表。

Note: These property data shown in table which in correspondence with these guaranteed values are shown in the additive table.

YLKK 系列技术数据 (10kV)

YLKK series technical data (10kV)

型 号 Type	额定 功率 (kW)	定子 电流 (A)	转速 (r/min)	效率 (%)	功率 因数 CosΦ	最大 转矩	堵转 转矩	堵转 电流	转动惯量		重 量 (kg)
						额定 转矩	额定 转矩	额定 电流	moment of inertia		
						Tm	Tst	Ist	电 机 J m	负 载 J	
						Tn	Tn	Tn	(kg.m ²)	(kg.m ²)	
YLKK4501-4	250	17.8	1490	92.1	0.88	1.8	0.7	7	11.4	78.0	4000
YLKK4502-4	280	19.9	1490	92.3	0.88	1.8	0.7	7	12.6	87.0	4060
YLKK4503-4	315	22.3	1490	92.5	0.88	1.8	0.7	7	13.1	97.0	4160
YLKK4504-4	355	25.1	1490	92.9	0.88	1.8	0.7	7	13.5	107	4190
YLKK4505-4	400	28.2	1490	93.0	0.88	1.8	0.7	7	14.0	119	4500
YLKK4506-4	450	31.7	1490	93.2	0.88	1.8	0.7	7	14.4	132	4600
YLKK4507-4	500	35.1	1490	93.4	0.88	1.8	0.7	7	15.3	147	4790
YLKK4508-4	560	38.6	1490	94.0	0.89	1.8	0.7	7	16.0	165	4900
YLKK5002-4	560	38.6	1490	94.0	0.89	1.8	0.7	7	25.0	165	6060
YLKK5003-4	630	43.4	1490	94.1	0.89	1.8	0.7	7	26.0	182	6250
YLKK5004-4	710	48.9	1490	94.2	0.89	1.8	0.7	7	28.0	201	6430
YLKK5005-4	800	55.0	1490	94.3	0.89	1.8	0.7	7	30.0	220	6460
YLKK5006-4	900	61.8	1490	94.4	0.89	1.8	0.7	7	32.0	242	6560
YLKK5603-4	1000	67.9	1490	94.5	0.9	1.8	0.7	7	44.0	270	8300
YLKK5604-4	1120	75.9	1490	94.7	0.9	1.8	0.7	7	47.0	292	8550
YLKK5605-4	1250	84.6	1490	94.8	0.9	1.8	0.7	7	50.0	320	8800
YLKK6302-4	1400	94.6	1490	94.9	0.9	1.8	0.6	7	90.0	350	10500
YLKK6303-4	1600	108.0	1490	95.0	0.9	1.8	0.6	7	95.0	382	10900
YLKK6304-4	1800	121.4	1490	95.1	0.9	1.8	0.6	7	101.0	423	11000
YLKK4503-6	220	16.5	990	91.8	0.84	1.8	0.7	6	15.5	210	4250
YLKK4504-6	250	18.7	990	92.0	0.84	1.8	0.7	6	16.3	235	4390
YLKK4505-6	280	20.9	990	92.2	0.84	1.8	0.7	6	17.4	260	4510
YLKK4506-6	315	23.5	990	92.3	0.84	1.8	0.7	6	18.4	290	4720
YLKK4507-6	355	26.4	990	92.5	0.84	1.8	0.7	6	19.5	320	4860
YLKK4508-6	400	29.6	990	92.9	0.84	1.8	0.7	6	22.0	350	5060

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YLKK 系列技术数据 (10kV)

YLKK series technical data (10kV)

型 号 Type	额定 功率 (kW)	定子 电流 (A)	转速 (r/min)	效率 (%)	功率 因数 CosΦ	最大 转矩	堵转 转矩	堵转 电流	转动惯量 moment of inertia		重 量 (kg)
						额定 转矩 T _m	额定 转矩 T _{st}	额定 电流 I _{st}	电 机 J _m (kg.m ²)	负载 J (kg.m ²)	
						T _n	T _n	T _n			
YLKK5002-6	400	29.6	990	92.9	0.84	1.8	0.7	6	27.0	362	5760
YLKK5003-6	450	32.8	990	93.1	0.85	1.8	0.7	6	29.0	400	5840
YLKK5004-6	500	36.4	990	93.4	0.85	1.8	0.7	6	31.0	446	6100
YLKK5005-6	560	40.6	990	93.6	0.85	1.8	0.7	6	33.0	485	6280
YLKK5006-6	630	45.6	990	93.9	0.85	1.8	0.7	6	35.0	525	6510
YLKK5602-6	710	50.7	990	94.0	0.86	1.8	0.7	6	50.0	540	8000
YLKK5603-6	800	57.0	990	94.2	0.86	1.8	0.7	6	60.0	599	8350
YLKK5604-6	900	64.1	990	94.3	0.86	1.8	0.7	6	63.0	665	8600
YLKK5605-6	1000	71.1	990	94.4	0.86	1.8	0.7	6	67.0	736	8800
YLKK6302-6	1120	79.4	990	94.7	0.86	1.8	0.6	6	121.0	805	11350
YLKK6303-6	1250	88.5	990	94.8	0.86	1.8	0.6	6	128.0	886	11750
YLKK6304-6	1400	99.0	990	94.9	0.86	1.8	0.6	6	135.0	970	12100
YLKK5001-8	250	18.9	740	91.8	0.83	1.8	0.7	6	28.0	423	5680
YLKK5002-8	280	21.1	740	92.2	0.83	1.8	0.7	6	30.0	476	5740
YLKK5003-8	315	23.7	740	92.3	0.83	1.8	0.7	6	32.0	530	6060
YLKK5004-8	355	26.7	740	92.6	0.83	1.8	0.7	6	34.0	588	6100
YLKK5005-8	400	30.0	740	92.8	0.83	1.8	0.7	6	36.0	656	6160
YLKK5006-8	450	33.6	740	93.1	0.83	1.8	0.7	6	38.0	730	6220
YLKK5602-8	500	37.2	740	93.4	0.83	1.8	0.7	6	63.0	810	8350
YLKK5603-8	560	41.6	740	93.6	0.83	1.8	0.7	6	67.0	890	8600
YLKK5604-8	630	46.8	740	93.7	0.83	1.8	0.7	6	70.0	988	8800
YLKK5605-8	710	52.7	740	93.8	0.83	1.8	0.7	6	74.0	1098	9000

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YLKK 系列技术数据 (10kV)

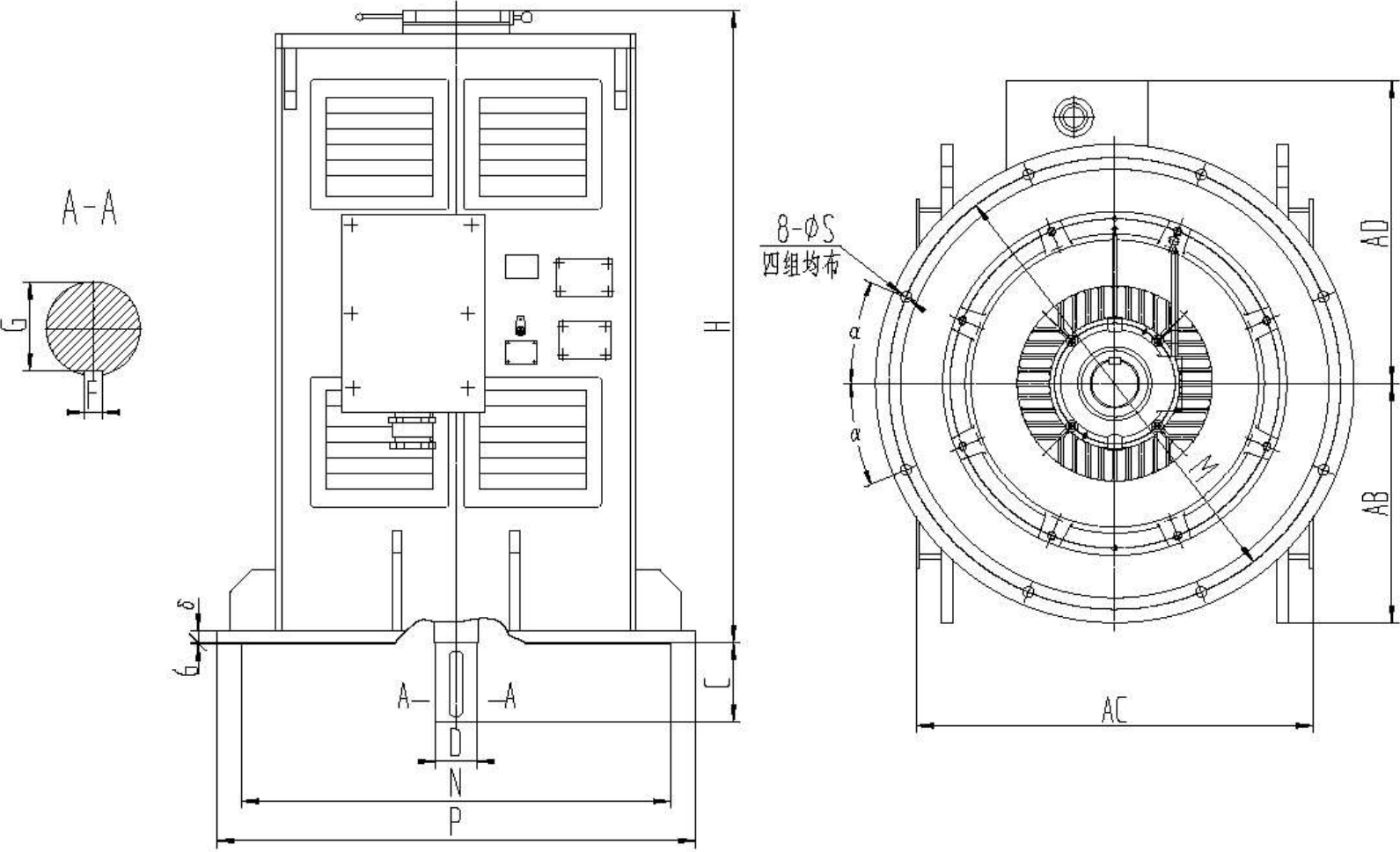
YLKK series technical data (10kV)

型 号 Type	额定 功率 (kW)	定子 电流 (A)	转速 (r/min)	效率 (%)	功率 因数 CosΦ	最大 转矩	堵转 转矩	堵转 电流	转动惯量 moment of inertia		重 量 (kg)
						额定 转矩	额定 转矩	额定 电流			
						Tm	Tst	Ist	电 机 J m (kg.m ²)	负载 J (kg.m ²)	
						Tn	Tn	Tn			
YLKK6302-8	800	59.2	740	94.0	0.83	1.8	0.7	6	145.0	1221	11000
YLKK6303-8	900	66.5	740	94.2	0.83	1.8	0.7	6	151.0	1357	11400
YLKK6304-8	1000	73.8	740	94.3	0.83	1.8	0.7	6	166.0	1505	11800
YLKK5003-10	220	18.8	590	91.5	0.74	1.8	0.7	5.5	38.0	698	5980
YLKK5004-10	250	21.3	590	91.7	0.74	1.8	0.7	5.5	39.3	775	6160
YLKK5005-10	280	23.8	590	91.9	0.74	1.8	0.7	5.5	40.0	865	6330
YLKK5006-10	315	26.6	590	92.3	0.74	1.8	0.7	5.5	42.0	965	6520
YLKK5601-10	355	27.0	590	92.5	0.82	1.8	0.7	6	78.0	1015	7850
YLKK5602-10	400	30.4	590	92.7	0.82	1.8	0.7	6	83.0	1131	8000
YLKK5603-10	450	34.1	590	92.8	0.82	1.8	0.7	6	87.0	1261	8350
YLKK5604-10	500	37.9	590	92.9	0.82	1.8	0.7	6	92.0	1403	8600
YLKK5605-10	560	42.4	590	93.0	0.82	1.8	0.7	6	97.0	1545	8800
YLKK6301-10	630	47.5	590	93.3	0.82	1.8	0.7	6	153.0	1710	11200
YLKK6302-10	710	53.5	590	93.5	0.82	1.8	0.7	6	162.0	1902	11600
YLKK6303-10	800	60.2	590	93.6	0.82	1.8	0.7	6	169.0	2116	12000
YLKK6304-10	900	67.6	590	93.7	0.82	1.8	0.7	6	178.0	2355	12400
YLKK5601-12	250	20.7	490	91.7	0.76	1.8	0.7	6	88.0	1135	7850
YLKK5602-12	280	23.2	490	91.8	0.76	1.8	0.7	6	97.0	1210	8000
YLKK5603-12	315	26.0	490	91.9	0.76	1.8	0.7	6	100.0	1418	8350
YLKK5604-12	355	29.3	490	92.0	0.76	1.8	0.7	6	108.0	1580	8600
YLKK5605-12	400	33.0	490	92.2	0.76	1.8	0.7	6	115.0	1763	8800
YLKK6301-12	450	37.0	490	92.5	0.76	1.8	0.7	6	139.0	1967	11200
YLKK6302-12	500	41.0	490	92.7	0.76	1.8	0.7	6	156.0	2190	11600
YLKK6303-12	560	45.8	490	92.9	0.76	1.8	0.7	6	172.0	2411	12000
YLKK6304-12	630	51.3	490	93.3	0.76	1.8	0.7	6	180.0	2672	12400

注：表中性能数据对应的保证值见附表。

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YL 中型电动机外形及安装尺寸
YL medium size motor overall and mounting dimensions figure



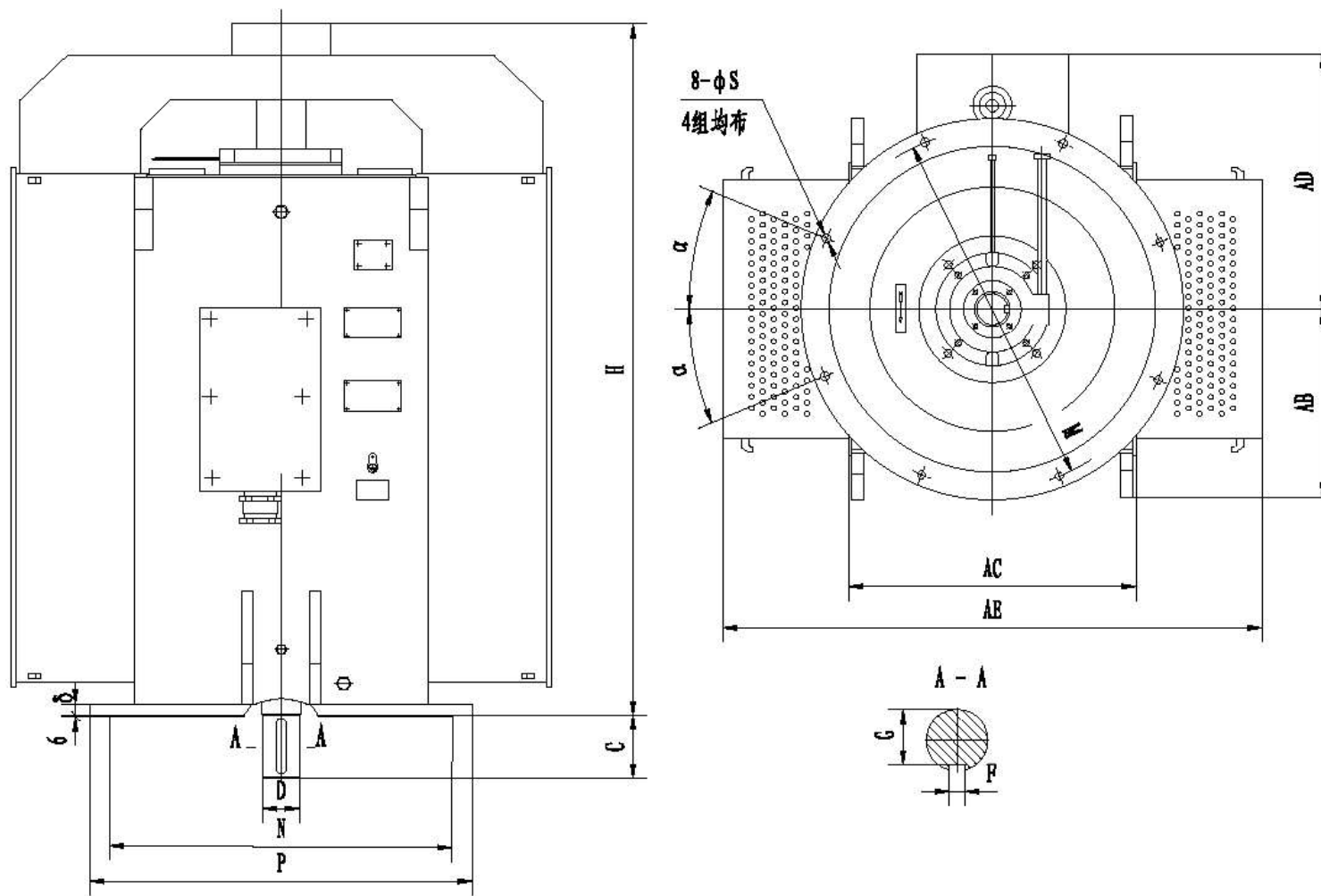
YL 中型电动机（不承受负载推力）外形及安装尺寸：

YL medium size motors (don't undertake the thrust caused by loading) overall and mounting dimension

机座号 Frame	极数 Poles	安装尺寸及公差 mm										外形尺寸 mm			
		N	P	M	δ	α	S	D	F	G	C	AB	AC	AD	H
450	4~6	1120 ± 0.033	1250	1180	36	22° 30'	28	110 ^{+0.040} _{+0.015}	28 ⁰ _{-0.062}	100 ⁰ _{-0.2}	210	672	1080	996	1890
500	4	1250 ± 0.033	1400	1320	36	22° 30'	35	120 ^{+0.040} _{+0.015}	32 ⁰ _{-0.062}	109 ⁰ _{-0.2}	210	722	1180	1046	2080
	6~10	1250 ± 0.033	1400	1320	36	22° 30'	35	130 ^{+0.040} _{+0.015}	32 ⁰ _{-0.062}	119 ⁰ _{-0.3}	250	722	1180	1046	2080
560	4	1400 ± 0.039	1600	1500	41	22° 30'	35	150 ^{+0.040} _{+0.015}	36 ⁰ _{-0.062}	138 ⁰ _{-0.3}	250	844	1340	1126	2620
	6~12	1400 ± 0.039	1600	1500	41	22° 30'	35	150 ^{+0.040} _{+0.015}	36 ⁰ _{-0.062}	138 ⁰ _{-0.3}	250	844	1340	1126	2620
630	4	1400 ± 0.039	1600	1400	41	22° 30'	35	170 ^{+0.040} _{+0.015}	40 ⁰ _{-0.062}	157 ⁰ _{-0.3}	300	864	1440	1176	2560
	6~12	1400 ± 0.039	1600	1400	41	22° 30'	35	170 ^{+0.040} _{+0.015}	40 ⁰ _{-0.062}	157 ⁰ _{-0.3}	300	864	1440	1176	2620

YLKK 中型电动机外形及安装尺寸

YLKK medium size motor overall and mounting dimensions figure



YLKK 中型电动机（不承受负载推力）外形及安装尺寸：

YLKK medium size motors (don't undertake the thrust caused by loading) overall and mounting dimension

机座号 Frame	极数 Poles	安装尺寸及公差 mm										外形尺寸 mm				
		N	P	M	δ	α	S	D	F	G	C	AB	AC	AD	AE	H
450	4~6	1120 ± 0.033	1250	1180	36	$22^\circ 30'$	28	$110^{+0.040}_{+0.015}$	$28^{0}_{-0.062}$	$100^{0}_{-0.2}$	210	672	1080	996	2048	2050
500	4	1250 ± 0.033	1400	1320	36	$22^\circ 30'$	35	$120^{+0.040}_{+0.015}$	$32^{0}_{-0.062}$	$109^{0}_{-0.2}$	210	722	1180	1046	2220	2220
	6~10	1250 ± 0.033	1400	1320	36	$22^\circ 30'$	35	$130^{+0.040}_{+0.015}$	$32^{0}_{-0.062}$	$119^{0}_{-0.3}$	250	722	1180	1046	2220	2220
560	4	1400 ± 0.039	1600	1500	41	$22^\circ 30'$	35	$150^{+0.040}_{+0.015}$	$36^{0}_{-0.062}$	$138^{0}_{-0.3}$	250	844	1340	1126	2388	2305
	6~12	1400 ± 0.039	1600	1500	41	$22^\circ 30'$	35	$150^{+0.040}_{+0.015}$	$36^{0}_{-0.062}$	$138^{0}_{-0.3}$	250	844	1340	1126	2388	2305
630	4	1400 ± 0.039	1600	1400	41	$22^\circ 30'$	35	$170^{+0.040}_{+0.015}$	$40^{0}_{-0.062}$	$157^{0}_{-0.3}$	300	864	1440	1176	2660	2650
	6~12	1400 ± 0.039	1600	1400	41	$22^\circ 30'$	35	$170^{+0.040}_{+0.015}$	$40^{0}_{-0.062}$	$157^{0}_{-0.3}$	300	864	1440	1176	2660	2650

YL 系列电动机型谱

YL series motor model composition

机座号 Frame		同步转速 r/min				
		1500	1000	750	600	500
		功率 kW				
450	1	355	—	—	—	—
	2	400	—	—	—	—
	3	450	315	—	—	—
	4	500	355	—	—	—
	5	560	400	—	—	—
	6	630	450	—	—	—
500	1	710	500	315	—	—
	2	800	560	355	—	—
	3	900	630	400	280	—
	4	1000	710	450	315	—
	5	1120	800	500	355	—
	6	—	—	560	400	—
560	1	1250	900	630	450	315
	2	1400	1000	710	500	355
	3	1600	1120	800	560	400
	4	—	1250	900	630	450
	5	—	—	—	710	500
630	1	1800	1400	1000	800	560
	2	2000	1600	1120	900	630
	3	2240	1800	1250	1000	710
	4	—	—	—	1120	800

YLKK 系列电动机型谱

YKK series motor model composition

机座号 Frame		同步转速 r/min				
		1500	1000	750	600	500
		功率 kW				
450	1	250	—	—	—	—
	2	280	—			
	3	315	220			
	4	355	250			
	5	400	280			
	6	450	315			
	7	500	355			
	8	560	400			
500	1	—	—	250	—	—
	2	560	400	280	—	
	3	630	450	315	220	
	4	710	500	355	250	
	5	800	560	400	280	
	6	900	630	450	315	
560	1	—	—	—	355	250
	2	—	710	500	400	280
	3	1000	800	560	450	315
	4	1120	900	630	500	355
	5	1250	1000	710	560	400
630	1	—	—	—	630	450
	2	1400	1120	800	710	500
	3	1600	1250	900	800	560
	4	1800	1400	1000	900	630

