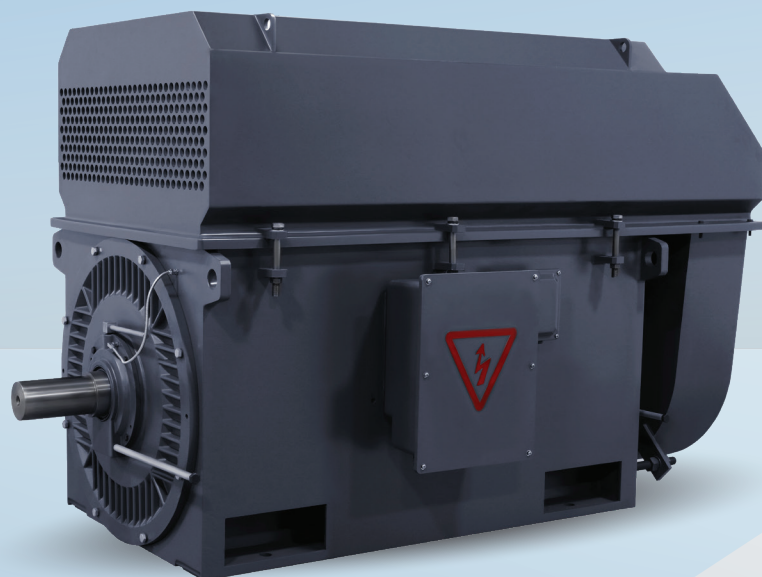


# YKK

## 高压三相异步电动机 (10KV)

### YKK Series High Voltage Three Phase Asynchronous Motor (10KV)



YKK系列 10 KV高压三相异步电动机为封闭式笼型转子三相异步电动机,是按JB/T12729-2016《YKK、YXKK系列 10 kV三相异步电动机技术条件及能效分级(机座号400~630)》生产的,该系列电机防护等级为IP44或IP54,冷却方式为IC611,绝缘等级为F级,额定电压为10KV,该系列电机采用箱式结构,重量轻,刚性好,具有效率高、噪音低、振动小、质量可靠、安装维修方便等优点,可广泛用于电站、水厂、石化冶金、矿山等行业。

YKK series of 10 KV high voltage three phase asynchronous motor is enclosed squirrel-cage three phase asynchronous motor. It is produced according to the the standard of JB/T12729-2016 "Technical Conditions and Energy Efficiency Classification (Frame No. 400~630) of YKK and YXKK series of 10KV high voltage three phase asynchronous motor ". The protection degree of the motor is IP44/IP54 and the cooling method is IC611. Its insulation class is F/B and the rated voltage is 10KV. This series motor adopts box structure, with the advantages of light weight, good rigidity, high efficiency, low noise, low vibration, reliable performance and easy installation and maintenance. It is widely used in various industries such as power station, waterworks, petrification, metallurgy and mine.

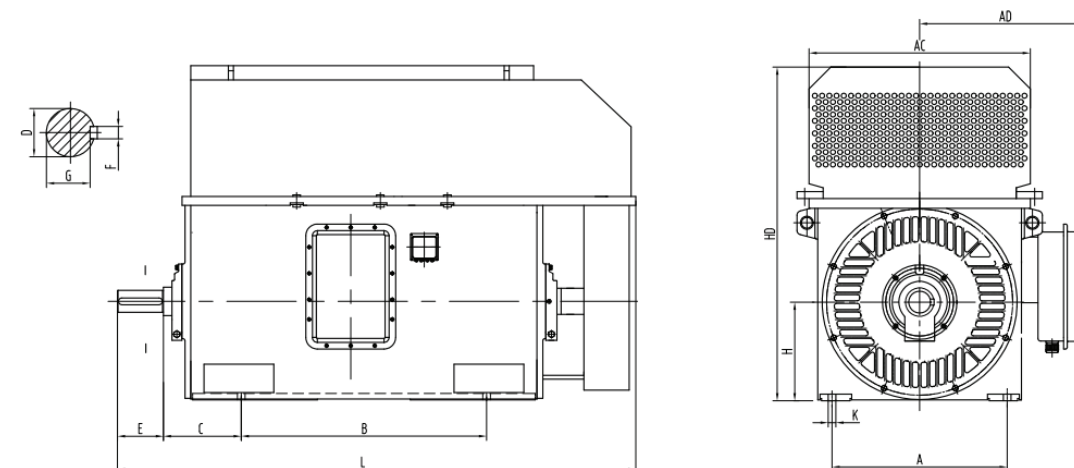
产品型号示例 Sample Product Model

**YKK 4501 — 4**

极数:4极  
Pole count: 4 poles

规格代号。表示中心高450mm,1号铁芯长  
Specification code:450mm high, No.1 iron core length

产品代号,表示封闭带空-空冷却器的笼型转子异步电动机  
Product code: for cage-type rotor asynchronous motor with closed air-to-air cooler



机座号 Frame Size	级数 Pole	安装尺寸Mounting Dimensions(mm)									外形尺寸Overall Dimensions(mm)			
		A	B	C	D	E	F	G	H	K	AC	AD	HD	L
400	2	710	1000	375	90	170	25	81	400	35	1260	1050	1700	2600
	4, 6			335	110	210	28	100						2400
450	2	800	1120	400	90	170	25	81	450	35	1420	1170	1900	2900
	4, 6, 8, 10			335	110	210	28	100						2600
500	2	900	1250	560	100	210	28	90	500	42	1420	1100	2200	3300
	4, 6, 8, 10			475	130	250	32	119						3040
560	2	1000	1400	560	130	250	32	119	560	42	1800	1250	2400	3550
	4, 6, 8, 10			500	150		36	138						3300
630	2	1120	1600	560	140	250	36	128	630	48	2000	1300	2700	3800
	4, 6, 8, 10			530	170		40	157						3600
					180	300	45	165						

注:若有特殊要求,可按用户需求提供。 Please contact us with your requirement.

技术数据 Technical Data

型号 Type	功率 Output (kW)	额定转速 Rated Speed (r/min)	电流 Current (A)	电压 Voltage (V)	效率 Efficiency (%)	功率因数 COSΦ	堵转转矩 额定转矩 Tst/Tn	堵转电流 额定电流 Ist/In	最大转矩 额定转矩 Tm/Tn	重量 Weight (kg)
YKK4001-2	220	2980	16.31	10000	91.6	0.85	0.6	7.0	1.8	3410
YKK4002-2	250	2980	18.50	10000	91.8	0.85	0.6	7.0	1.8	3420
YKK4003-2	280	2980	20.65	10000	92.1	0.85	0.6	7.0	1.8	3470
YKK4004-2	315	2980	23.16	10000	92.4	0.85	0.6	7.0	1.8	3510
YKK4005-2	355	2980	25.68	10000	92.8	0.86	0.6	7.0	1.8	3540
YKK4006-2	400	2980	28.84	10000	93.1	0.86	0.6	7.0	1.8	3570
YKK4001-4	220	1490	16.74	10000	91.4	0.83	0.7	7.0	1.8	3670
YKK4002-4	250	1490	18.99	10000	91.6	0.83	0.7	7.0	1.8	3710
YKK4003-4	280	1490	21.22	10000	91.8	0.83	0.7	7.0	1.8	3780
YKK4004-4	315	1490	23.79	10000	92.1	0.83	0.7	7.0	1.8	3845
YKK4005-4	355	1490	25.82	10000	92.3	0.86	0.7	7.0	1.8	3920
YKK4006-4	400	1490	29.03	10000	92.5	0.86	0.7	7.0	1.8	4050
YKK4004-6	220	990	17.41	10000	91.2	0.8	0.7	6.0	1.8	3860
YKK4005-6	250	990	19.74	10000	91.4	0.8	0.7	6.0	1.8	3900
YKK4006-6	280	990	22.04	10000	91.7	0.8	0.7	6.0	1.8	3950
YKK4501-2	450	2980	32.38	10000	93.3	0.86	0.6	7.0	1.8	4050
YKK4502-2	500	2980	35.94	10000	93.4	0.86	0.6	7.0	1.8	4300
YKK4503-2	560	2980	40.17	10000	93.6	0.86	0.6	7.0	1.8	4500
YKK4504-2	630	2980	44.62	10000	93.7	0.87	0.6	7.0	1.8	4680
YKK4505-2	710	2980	50.23	10000	93.8	0.87	0.6	7.0	1.8	4870
YKK4501-4	450	1490	32.52	10000	92.9	0.86	0.7	7.0	1.8	4500
YKK4502-4	500	1490	36.09	10000	93	0.86	0.7	7.0	1.8	4920
YKK4503-4	560	1490	40.30	10000	93.3	0.86	0.7	7.0	1.8	5100
YKK4504-4	630	1490	45.24	10000	93.5	0.86	0.7	7.0	1.8	5500
YKK4505-4	710	1490	50.66	10000	94.1	0.86	0.7	7.0	1.8	5800
YKK4501-6	315	990	24.11	10000	92	0.82	0.7	6.0	1.8	4570
YKK4502-6	355	990	26.78	10000	92.2	0.83	0.7	6.0	1.8	4600
YKK4503-6	400	990	30.11	10000	92.4	0.83	0.7	6.0	1.8	4670
YKK4504-6	450	990	33.80	10000	92.6	0.83	0.7	6.0	1.8	4720
YKK4505-6	500	990	37.40	10000	93	0.83	0.7	6.0	1.8	4800
YKK4502-8	220	740	18.59	10000	91.1	0.75	0.7	6.0	1.8	4020
YKK4503-8	250	740	21.08	10000	91.3	0.75	0.7	6.0	1.8	4110
YKK4504-8	280	740	23.22	10000	91.6	0.76	0.7	6.0	1.8	4200
YKK4505-8	315	740	25.67	10000	92	0.77	0.7	6.0	1.8	4330
YKK4505-10	220	590	19.39	10000	91	0.72	0.7	5.5	1.8	4210
YKK5003-2	800	2980	56.48	10000	94	0.87	0.6	7.0	1.8	6300
YKK5004-2	900	2980	63.47	10000	94.1	0.87	0.6	7.0	1.8	6450
YKK5005-2	1000	2980	70.45	10000	94.2	0.87	0.6	7.0	1.8	6580
YKK5006-2	1120	2980	78.74	10000	94.4	0.87	0.6	7.0	1.8	6720
YKK5003-4	800	1490	56.30	10000	94.3	0.87	0.7	7.0	1.8	6070
YKK5004-4	900	1490	63.27	10000	94.4	0.87	0.7	7.0	1.8	6630
YKK5005-4	1000	1490	70.23	10000	94.5	0.87	0.7	7.0	1.8	6900
YKK5006-4	1120	1490	78.57	10000	94.6	0.87	0.7	7.0	1.8	7150
YKK5002-6	560	990	41.26	10000	93.3	0.84	0.7	6.0	1.8	6120
YKK5003-6	630	990	46.26	10000	93.6	0.84	0.7	6.0	1.8	6680
YKK5004-6	710	990	52.03	10000	93.8	0.84	0.7	6.0	1.8	6900
YKK5005-6	800	990	58.50	10000	94	0.84	0.7	6.0	1.8	7210
YKK5006-6	900	990	64.90	10000	94.2	0.85	0.7	6.0	1.8	7500
YKK5001-8	355	740	28.81	10000	92.4	0.77	0.7	6.0	1.8	5770
YKK5002-8	400	740	32.01	10000	92.5	0.78	0.7	6.0	1.8	5830

型号 Type	功率 Output (kW)	额定转速 Rated Speed (r/min)	电流 Current (A)	电压 Voltage (V)	效率 Efficiency (%)	功率因数 COSΦ	堵转转矩 额定转矩 Tst/Tn	堵转电流 额定电流 Ist/In	最大转矩 额定转矩 Tm/Tn	重量 Weight (kg)
YKK5003-8	450	740	35.93	10000	92.7	0.78	0.7	6.0	1.8	6370
YKK5004-8	500	740	39.25	10000	93.1	0.79	0.7	6.0	1.8	6600
YKK5005-8	560	740	43.87	10000	93.3	0.79	0.7	6.0	1.8	6940
YKK5006-8	630	740	47.29	10000	93.8	0.82	0.7	6.0	1.8	7120
YKK5001-10	250	590	21.98	10000	91.2	0.72	0.7	5.5	1.8	5940
YKK5002-10	280	590	23.88	10000	91.5	0.74	0.7	5.5	1.8	6130
YKK5003-10	315	590	26.80	10000	91.7	0.74	0.7	5.5	1.8	6200
YKK5004-10	355	590	29.67	10000	92.1	0.75	0.7	5.5	1.8	6280
YKK5005-10	400	590	33.36	10000	92.3	0.75	0.7	5.5	1.8	6350
YKK5006-10	450	590	36.96	10000	92.5	0.76	0.7	5.5	1.8	6420
YKK5602-2	1250	2980	87.69	10000	94.6	0.87	0.6	7.0	1.8	7400
YKK5603-2	1400	2980	98.01	10000	94.8	0.87	0.6	7.0	1.8	7600
YKK5604-2	1600	2980	110.6	10000	94.9	0.88	0.6	7.0	1.8	7780
YKK5605-2	1800	2980	124.3	10000	95	0.88	0.6	7.0	1.8	7980
YKK5602-4	1250	1490	86.60	10000	94.7	0.88	0.7	7.0	1.8	7300
YKK5603-4	1400	1490	96.69	10000	95	0.88	0.7	7.0	1.8	7510
YKK5604-4	1600	1490	110.4	10000	95.1	0.88	0.7	7.0	1.8	7700
YKK5605-4	1800	1490	124.1	10000	95.2	0.88	0.7	7.0	1.8	7920
YKK5602-6	1000	990	71.96	10000	94.4	0.85	0.7	6.0	1.8	7700
YKK5603-6	1120	990	80.42	10000	94.6	0.85	0.7	6.0	1.8	8000
YKK5604-6	1250	990	88.62	10000	94.7	0.86	0.7	6.0	1.8	8240
YKK5605-6	1400	990	98.83	10000	95.1	0.86	0.7	6.0	1.8	8480
YKK5602-8	710	740	53.18	10000	94	0.82	0.7	6.0	1.8	7500
YKK5603-8	800	740	59.80	10000	94.2	0.82	0.7	6.0	1.8	7700
YKK5604-8	900	740	67.20	10000	94.3	0.82	0.7	6.0	1.8	7850
YKK5605-8	1000	740	75.43	10000	94.5	0.81	0.7	6.0	1.8	7990
YKK5602-10	560	590	44.62	10000	92.9	0.78	0.7	6.0	1.8	7500
YKK5603-10	630	590	50.09	10000	93.1	0.78	0.7	6.0	1.8	7700
YKK5604-10	710	590	56.33	10000	93.3	0.78	0.7	6.0	1.8	7860
YKK5605-10	800	590	63.13	10000	93.8	0.78	0.7	6.0	1.8	7990
YKK6301-2	2000	2980	137.8	10000	95.2	0.88	0.6	7.0	1.8	10500
YKK6303-2	2240	2980	154.1	10000	95.4	0.88	0.6	7.0	1.8	10900
YKK6305-2	2500	2980	171.9	10000	95.4	0.88	0.6	7.0	1.8	11600
YKK6301-4	2000	1490	137.5	10000	95.4	0.88	0.6	7.0	1.8	11500
YKK6303-4	2240	1490	153.9	10000	95.5	0.88	0.6	7.0	1.8	12000
YKK6305-4	2500	1490	171.8	10000	95.5	0.88	0.6	7.0	1.8	12450
YKK6301-6	1600	990	112.8	10000	95.2	0.86	0.6	6.0	1.8	13500
YKK6302-6	1800	990	126.8	10000	95.3	0.86	0.6	6.0	1.8	14800
YKK6303-6	2000	990	140.7	10000	95.4	0.86	0.6	6.0	1.8	15500
YKK6305-6	2240	990	157.6	10000	95.4	0.86	0.6	6.0	1.8	16000
YKK6302-8	1120	740	82.27	10000	94.7	0.83	0.7	6.0	1.8	10400
YKK6303-8	1250	740	91.72	10000	94.8	0.83	0.7	6.0	1.8	10710
YKK6304-6	1400	990	98.8	10000	95.1	0.86	0.6	6.0	1.8	10250
YKK6305-6	1600	990	112.8	10000	95.2	0.86	0.6	6.0	1.8	11250
YKK6301-10	900	590	69.10	10000	94	0.8	0.7	6.0	1.8	10500
YKK6302-10	1000	590	76.70	10000	94.1	0.8	0.7	6.0	1.8	11150
YKK6303-10	1120	590	85.81	10000	94.2	0.8	0.7	6.0	1.8	11890
YKK6304-10	1250	590	95.77	10000	94.2	0.8	0.7	6.0	1.8	12600
YKK6305-10	1400	590	107.1	10000	94.3	0.8	0.7	6.0	1.8	13250

注: 若有特殊要求, 可按用户需求提供。 Please contact us with your requirement.