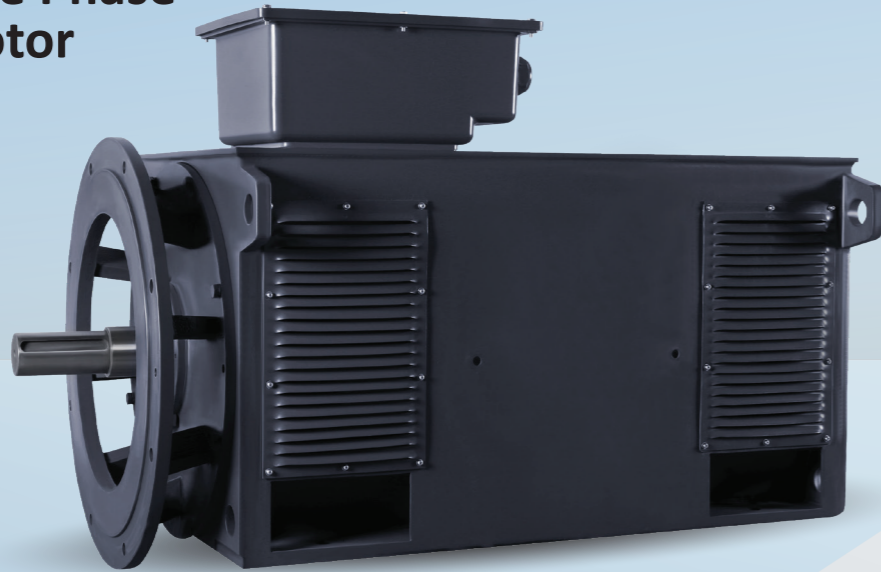


Y

高压三相异步电动机 (10KV)

Y Series High Voltage Three Phase Asynchronous Motor (10KV)



Y系列10KV高压三相异步电动机为笼型转子三相异步电动机,是按JB/T 10446-2014 Y系列YX系列10kV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IP23,冷却方式为IC01,绝缘等级为F级,额定电压为6KV,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。

Y series of 10KV high voltage three phase asynchronous motor is enclosed squirrel-cage three phase asynchronous motor. It is produced according to the the standard of JB/T 10446-2014 "Technical Conditions and Energy Efficiency Classification (Frame No. 400~630) of Y and YX series of 10KV high voltage three phase asynchronous motor ". The protection degree of the motor is IP23 and the cooling method is IC01. 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.

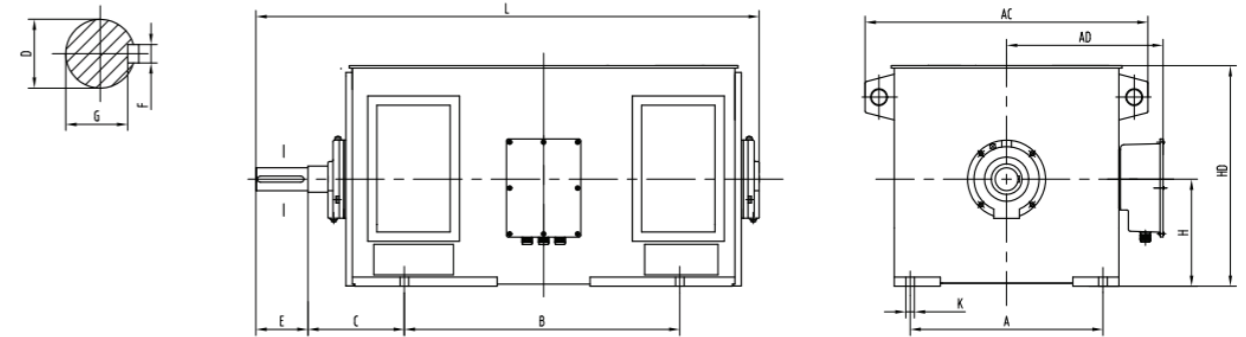
产品型号示例 Sample Product Model

Y 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,表示笼型转子异步电动机
Product code, indicating the cage type rotor asynchronous motor



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	1100	1060	1500	2150
	4, 6			335	110	210	28	100						2200
450	2	800	1120	400	90	170	25	81	450	35	1300	1100	1550	2340
	4, 6, 8, 10			335	110	210	28	100						2180
500	2	900	1250	560	100	210	28	90	500	42	1420	1160	1700	2790
	4, 6, 8, 10			475	130		32	119						2550
560	2	1000	1400	560	130	250	32	119	560	42	1600	1230	1850	3020
	4, 6, 8, 10			500	150		36	138						2900
630	2	1120	1600	560	140	250	36	128	630	48	1800	1310	2050	3220
	4, 6, 8, 10			530	170		40	157						3100
					180		45	165						3100

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)
Y4001-2	220	2980	16.07	10000	91.9	0.86	0.6	7.0	1.8	2290
Y4002-2	250	2980	18.22	10000	92.1	0.86	0.6	7.0	1.8	2340
Y4003-2	280	2980	20.37	10000	92.3	0.86	0.6	7.0	1.8	2400
Y4004-2	315	2980	22.81	10000	92.7	0.86	0.6	7.0	1.8	2440
Y4005-2	355	2980	25.31	10000	93.1	0.87	0.6	7.0	1.8	2490
Y4006-2	400	2980	28.42	10000	93.4	0.87	0.6	7.0	1.8	2520
Y4007-2	450	2980	31.91	10000	93.6	0.87	0.6	7.0	1.8	2550
Y4001-4	220	1490	16.26	10000	91.9	0.85	0.7	7.0	1.8	2400
Y4002-4	250	1490	18.44	10000	92.1	0.85	0.7	7.0	1.8	2450
Y4003-4	280	1490	20.63	10000	92.2	0.85	0.7	7.0	1.8	2490
Y4004-4	315	1490	23.13	10000	92.5	0.85	0.7	7.0	1.8	2520
Y4005-4	355	1490	25.74	10000	92.6	0.86	0.7	7.0	1.8	2550
Y4006-4	400	1490	28.94	10000	92.8	0.86	0.7	7.0	1.8	2580
Y4007-4	450	1490	32.42	10000	93.2	0.86	0.7	7.0	1.8	2600
Y4004-6	220	990	17.37	10000	91.4	0.8	0.7	6.0	1.8	2040
Y4005-6	250	990	19.70	10000	91.6	0.8	0.7	6.0	1.8	2070
Y4006-6	280	990	22.01	10000	91.8	0.8	0.7	6.0	1.8	2190
Y4007-6	315	990	24.08	10000	92.1	0.82	0.7	6.0	1.8	2160
Y4502-2	500	2980	35.41	10000	93.7	0.87	0.6	7.0	1.8	3020
Y4503-2	560	2980	39.58	10000	93.9	0.87	0.6	7.0	1.8	3170
Y4504-2	630	2980	44.48	10000	94	0.87	0.6	7.0	1.8	3230
Y4505-2	710	2980	49.50	10000	94.1	0.88	0.6	7.0	1.8	3320
Y4506-2	800	2980	55.66	10000	94.3	0.88	0.6	7.0	1.8	3420
Y4502-4	500	1490	35.98	10000	93.3	0.86	0.7	7.0	1.8	2850
Y4503-4	560	1490	40.17	10000	93.6	0.86	0.7	7.0	1.8	2950
Y4504-4	630	1490	45.09	10000	93.8	0.86	0.7	7.0	1.8	3090
Y4505-4	710	1490	49.91	10000	94.4	0.87	0.7	7.0	1.8	3240
Y4506-4	800	1490	56.12	10000	94.6	0.87	0.7	7.0	1.8	3400
Y4502-6	355	990	26.73	10000	92.4	0.83	0.7	6.0	1.8	2900
Y4503-6	400	990	30.05	10000	92.6	0.83	0.7	6.0	1.8	2980
Y4504-6	450	990	33.73	10000	92.8	0.83	0.7	6.0	1.8	3040
Y4505-6	500	990	37.32	10000	93.2	0.83	0.7	6.0	1.8	3120
Y4506-6	560	990	41.17	10000	93.5	0.84	0.7	6.0	1.8	3200
Y4502-8	220	740	18.35	10000	91.1	0.76	0.7	6.0	1.8	2840
Y4503-8	250	740	20.80	10000	91.3	0.76	0.7	6.0	1.8	2910
Y4504-8	280	740	23.22	10000	91.6	0.76	0.7	6.0	1.8	2940
Y4505-8	315	740	25.65	10000	92.1	0.77	0.7	6.0	1.8	3010
Y4506-8	355	740	28.81	10000	92.4	0.77	0.7	6.0	1.8	3090
Y4505-10	220	590	19.39	10000	91	0.72	0.7	5.5	1.8	2860
Y4506-10	250	590	21.68	10000	91.2	0.73	0.7	5.5	1.8	2930
Y5003-2	900	590	62.55	10000	94.4	0.88	0.6	7.0	1.8	3870
Y5004-2	1000	2980	69.43	10000	94.5	0.88	0.6	7.0	1.8	4070
Y5005-2	1120	2980	77.60	10000	94.7	0.88	0.6	7.0	1.8	4160
Y5006-2	1250	2980	85.45	10000	94.9	0.89	0.6	7.0	1.8	4250
Y5007-2	1400	2980	95.50	10000	95.1	0.89	0.6	7.0	1.8	4380
Y5003-4	900	1490	62.35	10000	94.7	0.88	0.7	7.0	1.8	4140
Y5004-4	1000	1490	69.21	10000	94.8	0.88	0.7	7.0	1.8	4330
Y5005-4	1120	1490	77.43	10000	94.9	0.88	0.7	7.0	1.8	4520
Y5006-4	1250	1490	85.36	10000	95	0.89	0.7	7.0	1.8	4730
Y5007-4	1400	1490	95.30	10000	95.3	0.89	0.7	7.0	1.8	4950
Y5003-6	630	990	46.16	10000	93.8	0.84	0.7	6.0	1.8	4020
Y5004-6	710	990	51.92	10000	94	0.84	0.7	6.0	1.8	4200
Y5005-6	800	990	58.37	10000	94.2	0.84	0.7	6.0	1.8	4390
Y5006-6	900	990	64.76	10000	94.4	0.85	0.7	6.0	1.8	4500

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)
Y5007-6	1000	990	71.80	10000	94.6	0.85	0.7	6.0	1.8	4610
Y5002-8	400	740	32.01	10000	92.5	0.78	0.7	6.0	1.8	3990
Y5003-8	450	740	35.93	10000	92.7	0.78	0.7	6.0	1.8	4160
Y5004-8	500	740	39.25	10000	93.1	0.79	0.7	6.0	1.8	4330
Y5005-8	560	740	43.87	10000	93.3	0.79	0.7	6.0	1.8	4500
Y5006-8	630	740	47.29	10000	93.8	0.82	0.7	6.0	1.8	4650
Y5007-8	710	740	53.18	10000	94	0.82	0.7	6.0	1.8	4840
Y5002-10	280	590	23.85	10000	91.6	0.74	0.7	5.5	1.8	4720
Y5003-10	315	590	26.74	10000	91.9	0.74	0.7	5.5	1.8	4840
Y5004-10	355	590	29.67	10000	92.1	0.75	0.7	5.5	1.8	4970
Y5005-10	400	590	33.36	10000	92.3	0.75	0.7	5.5	1.8	5090
Y5006-10	450	590	36.48	10000	92.5	0.77	0.7	5.5	1.8	5150
Y5007-10	500	590	40.44	10000	92.7	0.77	0.7	5.5	1.8	5230
Y5604-2	1600	2980	109.0	10000	95.2	0.89	0.6	7.0	1.8	6460
Y5605-2	1800	2980	121.2	10000	95.3	0.9	0.6	7.0	1.8	6600
Y5606-2	2000	2980	134.3	10000	95.5	0.9	0.6	7.0	1.8	6810
Y5604-4	1600	1490	108.8	10000	95.4	0.89	0.7	7.0	1.8	6030
Y5605-4	1800	1490	122.3	10000	95.5	0.89	0.7	7.0	1.8	6280
Y5606-4	2000	1490	135.6	10000	95.7	0.89	0.7	7.0	1.8	6520
Y5603-6	1120	990	80.25	10000	94.8	0.85	0.7	6.0	1.8	6670
Y5604-6	1250	990	88.43	10000	94.9	0.86	0.7	6.0	1.8	6920
Y5605-6	1400	990	98.63	10000	95.3	0.86	0.7	6.0	1.8	7150
Y5606-6	1600	990	112.6	10000	95.4	0.86	0.7	6.0	1.8	7370
Y5603-8	800	740	59.8	10000	94.2	0.82	0.7	6.0	1.8	6620
Y5604-8	900	740	67.2	10000	94.3	0.82	0.7	6.0	1.8	6760
Y5605-8	1000	740	73.6	10000	94.5	0.83	0.7	6.0	1.8	6890
Y5606-8	1120	740	82.3	10000	94.7	0.83	0.7	6.0	1.8	7010
Y5602-10	560	590	44.6	10000	92.9	0.78	0.7	6.0	1.8	6570
Y5603-10	630	590	50.1	10000	93.1	0.78	0.7	6.0	1.8	6780
Y5604-10	710	590	56.3	10000	93.3	0.78	0.7	6.0	1.8	6990
Y5605-10	800	590	61.6	10000	93.8	0.8	0.7	6.0	1.8	7100
Y5606-10	900	590	69.1	10000	94	0.8	0.7	6.0	1.8	7220
Y6303-2	2240	2980	150.2	10000	95.7	0.9	0.6	7.0	1.8	9450
Y6305-2	2500	2980	167.6	10000	95.7	0.9	0.6	7.0	1.8	9700
Y6307-2	2800	2980	187.7	10000	95.7	0.9	0.6	7.0	1.8	9920
Y6309-2	3150	2980	210.9	10000	95.8	0.9	0.6	7.0	1.8	1130
Y6303-4	2240	1490	151.7	10000	95.8	0.89	0.6	7.0	1.8	10600
Y6305-4	2500	1490	169.3	10000	95.8	0.89	0.6	7.0	1.8	10900
Y6307-4	2800	1490	189.6	10000	95.8	0.89	0.6	7.0	1.8	11200
Y6309-4	3150	1490	213.1	10000	95.9	0.89	0.6	7.0	1.8	11450
Y6304-6	1800	990	126.5	10000	95.5	0.86	0.6	6.0	1.8	10500
Y6305-6	2000	990	140.5	10000	95.6	0.86	0.6	6.0	1.8	10900
Y6307-6	2240	990	157.3	10000	95.6	0.86	0.6	6.0	1.8	11400
Y6309-6	2500	990	175.6	10000	95.6	0.86	0.6	6.0	1.8	12000
Y6306-8	1250	740	91.72	10000	94.8	0.83	0.7	6.0	1.8	10570
Y6307-8	1400	740	102.6	10000	94.9	0.83	0.7	6.0	1.8	10880
Y6308-8	1600	740	117.3	10000	94.9	0.83	0.7	6.0	1.8	11200
Y6309-8	1800	740	131.9	10000	94.9	0.83	0.7	6.0	1.8	11500
Y6305-10	1000	590	76.70	10000	94.1	0.8	0.7	6.0	1.8	10570
Y6306-10	1120	590	85.81	10000	94.2	0.8	0.7	6.0	1.8	10930
Y6307-10	1250	590	95.67	10000	94.3	0.8	0.7	6.0	1.8	11290
Y6308-10	1400	590	107.1	10000	94.3	0.8	0.7	6.0	1.8	11600
Y6309-10	1600	590	122.5	10000	94.3	0.8	0.7	6.0	1.8	11970

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