

TYPE YK - MEDIUM VOLTAGE (6000V) SQUIRREL CAGE MOTORS

TECHNICAL DATA



شرکت صنایع ماشینهای الکتریکی جوبین (جمکو)
Jovain Electrical Machines Industries Co.(JEMCO)

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Degree of Protection : IP 55 , 50Hz , IM B3 , Insulation Class:F , Thermal Class B

Type No.	Rated output KW	Frame size mm	Moment of Inertia Kg m ²	Performance at rated output			Rated current at 380 V A	Rated torque Nm	Locked-rotor torque rated torque	Locked-rotor current rated current	Break-down torque rated torque	Weight approx kg
				Rated speed rev/min	Efficiency %	Power factor Cosφ						
1500 rev/min - 4poles												
YK1351-4A0	220	355	4.50	1454	93.3	0.85	25	1416	0.8	6.5	1.8	2300
YK1352-4A0	250	355	4.50	1483	93.4	0.86	29	1610	0.8	6.5	1.8	2350
YK1353-4A0	280	355	4.75	1484	93.5	0.86	33	1822	0.8	6.5	1.8	2400
YK1354-4A0	315	355	5.00	1483	93.6	0.86	37	2028	0.8	6.5	1.8	2450
YK1401-4A0	355	400	8.00	1485	93.8	0.86	40	2283	0.8	6.5	1.8	2870
YK1402-4A0	400	400	10.00	1484	94.0	0.86	45	2574	0.8	6.5	1.8	2960
YK1403-4A0	450	400	11.00	1484	94.2	0.86	50	2896	0.8	6.5	1.8	3115
YK1404-4A0	500	400	12.00	1485	94.3	0.87	56	3215	0.8	6.5	1.8	3250
YK1405-4A0	560	400	13.00	1486	94.5	0.87	63	3599	0.8	6.5	1.8	3340
YK1451-4A0	630	450	18.50	1487	94.8	0.87	71	4046	0.8	6.5	1.8	4006
YK1452-4A0	710	450	20.75	1487	95.0	0.87	79	4559	0.8	6.5	1.8	4080
YK1453-4A0	800	450	22.75	1488	95.1	0.87	90	5134	0.8	6.5	1.8	4140
YK1454-4A0	900	450	23.75	1487	95.2	0.87	100	5779	0.8	6.5	1.8	4200
YK1501-4A0	1000	500	23.75	1489	95.3	0.87	111	6413	0.7	6.5	1.8	4790
YK1502-4A0	1120	500	35.25	1490	95.4	0.88	123	7178	0.7	6.5	1.8	4960
YK1503-4A0	1280	500	38.75	1490	95.5	0.88	138	8011	0.7	6.5	1.8	5140
YK1504-4A0	1400	500	42.00	1490	95.6	0.88	155	8972	0.7	6.5	1.8	5340
YK1561-4A0	1600	580	54.00	1490	95.7	0.89	173	10254	0.6	6.5	1.8	6330
YK1562-4A0	1800	580	57.50	1491	95.8	0.89	195	11528	0.6	6.5	1.8	6530
YK1563-4A0	2000	580	64.50	1491	95.9	0.89	216	12809	0.6	6.5	1.8	6915
1000 rev/min - 6poles												
YK1351-6A0	250	355	9.75	990	93.3	0.82	30	2411	0.8	6.0	1.8	2520
YK1352-6A0	220	355	9.00	989	93.0	0.82	27	2124	0.8	6	1.8	2440
YK1401-6A0	280	400	16.25	989	93.5	0.83	33	2703	0.8	6	1.8	2995
YK1402-6A0	315	400	17.75	989	93.7	0.83	37	3041	0.8	6	1.8	3120
YK1403-6A0	355	400	19.00	989	93.9	0.83	42	3428	0.8	6	1.8	3280
YK1404-6A0	400	400	20.50	989	94.0	0.83	48	3862	0.8	6	1.8	3375
YK1451-6A0	460	450	23.50	990	94.3	0.84	51	4340	0.8	6	1.8	3680
YK1452-6A0	500	450	25.50	991	94.5	0.85	57	4818	0.8	6	1.8	3820
YK1453-6A0	560	450	28.50	991	94.7	0.85	63	5396	0.8	6	1.8	4000
YK1454-6A0	630	450	30.75	991	94.8	0.85	72	6071	0.8	6	1.8	4100
YK1501-6A0	710	500	48.50	993	95.0	0.85	79	6828	0.7	6	1.8	4570
YK1502-6A0	800	500	52.25	993	95.1	0.85	90	7693	0.7	6	1.8	4720
YK1503-6A0	900	500	54.00	992	95.2	0.85	101	8663	0.7	6	1.8	4790
YK1504-6A0	1000	500	58.50	993	95.3	0.85	113	9616	0.7	6	1.8	4980
YK1561-6A0	1120	560	76.00	993	95.4	0.86	125	10770	0.7	6	1.8	5205
YK1562-6A0	1250	560	80.75	992	95.5	0.86	139	12033	0.7	6	1.8	5390
YK1563-6A0	1400	560	90.25	992	95.6	0.86	156	13478	0.7	6	1.8	5645
750 rev/min - 8poles												
YK1401-8A0	220	400	19.00	740	93.0	0.79	28	3226	0.8	5.5	1.8	3135
YK1402-8A0	280	400	20.00	740	93.2	0.79	38	3613	0.8	5.5	1.8	3285
YK1403-8A0	280	400	21.50	740	93.2	0.79	35	3613	0.8	5.5	1.8	3385
YK1451-8A0	315	450	28.50	744	93.4	0.8	39	4043	0.8	5.5	1.8	3730
YK1452-8A0	355	450	29.75	744	93.5	0.8	44	4566	0.8	5.5	1.8	3790
YK1453-8A0	400	450	33.25	744	93.7	0.8	49	5134	0.8	5.5	1.8	3980
YK1454-8A0	460	450	35.60	744	93.8	0.81	55	5776	0.8	5.5	1.8	4100
YK1501-8A0	500	500	29.25	743	94.3	0.81	59	6426	0.8	5.5	1.8	3900
YK1502-8A0	560	500	35.75	744	94.4	0.82	66	7149	0.8	5.5	1.8	4200
YK1503-8A0	630	500	40.25	744	94.5	0.82	75	8086	0.8	5.5	1.8	4920
YK1504-8A0	710	500	45.75	743	94.5	0.82	84	9125	0.8	5.5	1.8	4920
YK1561-8A0	800	580	62.25	745	94.7	0.84	94	10254	0.7	6	1.8	5250
YK1562-8A0	900	580	67.75	744	94.3	0.84	105	11551	0.7	6	1.8	5340
YK1563-8A0	1000	580	75.00	744	94.9	0.84	117	12835	0.7	6	1.8	5535

Stator Voltage from 3000 UP to 6600 V on Request



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