

TYPE YD - LOW VOLTAGE (380V) SQUIRREL CAGE MOTORS

TECHNICAL DATA



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

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Type YD-LOW VOLTAGE(380) squirrel-cage motors - IM B3, Degree of protection IP 55, 50Hz  
Selection and ordering data

Type No.	Rated output	Frame size	Moment of inertia J	Performance at rated output			Rated current at 380 V	Rated torque	Locked-rotor torque	Locked-rotor current	Break-down torque	Weight approx
				Rated speed	Efficiency $\eta$	Power factor $\cos\phi$						
for direct-on-line starting as multiples of												
	KW	mm	Kg m <sup>2</sup>	rev/min	%	A	Nm	rated torque	rated current	rated torque	kg	
3000 rev/min - 2pole												
YD1162-2A1	15	160M	0.04	2932	89.7	0.89	29	49	2.2	7	2.8	115
YD1161-2A1	18.5	160L	0.05	2936	89.5	0.88	36	60	2.2	7	2.8	130
YD1181-2A1	22	180M	0.07	2940	89	0.88	43	71	2.2	7	2.8	171
YD1201-2A1	30	200L	0.135	2957	91	0.89	56	97	2.2	7	2.8	210
YD1202-2A1	37	200L	0.152	2955	91.5	0.88	70	120	2.2	7	2.8	223
YD1221-2A1	45	225M	0.229	2969	91.5	0.89	84	145	2.2	7	2.8	284
YD1251-2A1	55	250M	0.442	2970	92.2	0.88	103	177	2.2	7	2.8	379
YD1281-2A1	75	280S	0.769	2970	92	0.88	141	241	2.2	7	2.8	480
YD1282-2A1	90	280M	0.956	2981	92.5	0.89	166	288	2.2	7	2.8	600
1500 rev/min - 4pole												
YD1161-4A1	15	160L	0.052	1454	89.5	0.84	30	99	2.2	7	2.8	135
YD1181-4A1	18.5	180M	0.124	1473	91.0	0.88	35	120	2.2	7	2.8	180
YD1182-4A1	22	180L	0.138	1470	91.5	0.86	42	143	2.2	7	2.8	182
YD1201-4A1	30	200L	0.227	1468	92.5	0.87	57	195	2.2	7	2.8	260
YD1221-4A1	37	225S	0.457	1483	92.0	0.88	69	238	2.2	7	2.8	315
YD1222-4A1	45	225M	0.54	1481	92.5	0.88	84	290	2.2	7	2.8	340
YD1251-4A1	55	250M	0.821	1480	93.0	0.88	102	355	2.2	7	2.8	396
YD1281-4A1	75	280S	1.352	1486	93.5	0.89	137	482	2.2	7	2.8	560
YD1282-4A1	90	280M	1.522	1489	94.0	0.89	163	577	2.2	7	2.8	605
1000 rev/min - 6pole												
YD1181-6A1	15	180L	0.188	970	90.0	0.80	32	148	2.2	7	2.8	180
YD1201-6A1	18.5	200L	0.27	978	90.7	0.84	37	181	2.2	7	2.8	238
YD1202-6A1	22	200L	0.296	977	91.0	0.83	44	215	2.2	7	2.8	252
YD1221-6A1	30	225M	0.543	983	91.3	0.84	59	291	2.2	7	2.8	313
YD1251-6A1	37	250M	0.925	977	91.5	0.88	70	362	2.2	7	2.8	412
YD1281-6A1	45	280S	1.22	987	92.3	0.85	87	435	2.2	7	2.8	535
YD1282-6A1	55	280M	1.427	987	93.0	0.87	103	532	2.2	7	2.8	590

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