



Y3EJ BRAKE MOTOR

- > Aluminium housing/Cast iron
- > Frame size: 80~225M
- > Power: 0.75KW~45KW
- > Electromagnetic braking
- > IEC standard mounting, IP55 protection, class F insulation, IC411 cooling

	Frame reference and size	Rated power	Full load speed in revolutions per minute	Full load current at rated voltage	Efficiency	Power factor	Direct on line starting torque ratio	Direct on line starting current ratio	Direct on line pull out torque ratio	Rated torque	Excite Voltage	No-load brake lag time
NO.	Type	power (Kw)	Speed (r/min)	Amps (A)	η (%)	$\cos\phi$	$\frac{LRT}{RLT}$	$\frac{LRA}{RLA}$	$\frac{BDT}{RLT}$	Static braking torque not less than N.m	(V)	(S)
1	801-2	0.75	2825	1.9	73	0.84	2.2	6.5	2.2	7.36	100	0.2
2	802-2	1.1	2825	2.6	76	0.86	2.2	7	2.2	7.36	100	0.2
3	90S-2	1.5	2840	3.4	79	0.85	2.2	7	2.2	14.7	100	0.25
4	90L-2	2.2	2840	4.7	82	0.86	2.2	7	2.2	14.7	100	0.25
5	100L-2	3	2880	6.4	82	0.87	2.2	7	2.2	29.4	100	0.3
6	112M-2	4	2890	8.2	85.5	0.87	2.2	7	2.2	39.2	170	0.35
7	132S1-2	5.5	2900	11.1	86.2	0.88	2.2	7	2.2	73.6	170	0.4
8	132S2-2	7.5	2900	15	86.2	0.88	2.2	7	2.2	73.6	170	0.4
9	160M1-2	11	2930	21.8	87.2	0.88	2.2	7	2.2	147.2	170	0.5
10	160M2-2	15	2930	29.4	88.2	0.88	2.2	7	2.2	147.2	170	0.5
11	160L-2	18.5	2930	35.5	89	0.89	2.2	7	2.2	147.2	170	0.5
12	180M-2	22	2940	42.2	89	0.89	2.2	7	2.2	215.8	170	0.6
13	200L1-2	30	2950	56.9	90	0.89	2.2	7	2.2	294.3	170	0.7
14	200L2-2	37	2950	69.8	90.5	0.89	2.2	7	2.2	294.3	170	0.7
15	225M-2	45	2970	83.9	91.5	0.89	2.2	7	2.2	441.5	170	0.8
16	801-4	0.55	1390	1.6	70.5	0.76	2.2	6.0	2.2	7.36	100	0.2
17	802-4	0.75	1390	2.1	72.5	0.76	2.2	6.0	2.2	7.36	100	0.2
18	90S-4	1.1	1400	2.7	79	0.78	2.2	6.5	2.2	14.7	100	0.25
19	90L-4	1.5	1400	3.7	79	0.79	2.2	6.5	2.2	14.7	100	0.25
20	100L1-4	2.2	1420	5.0	81	0.82	2.2	7	2.2	29.4	100	0.3
21	100L2-4	3	1420	6.8	82.5	0.81	2.2	7	2.2	29.4	100	0.3
22	112M-4	4	1440	8.8	84.5	0.82	2.2	7	2.2	39.2	170	0.35
23	132S-4	5.5	1440	11.6	85.5	0.84	2.2	7	2.2	73.6	170	0.4
24	132M-4	7.5	1440	15.4	87	0.85	2.2	7	2.2	73.6	170	0.4
25	160M-4	11	1460	22.6	88	0.84	2.2	7	2.2	147.2	170	0.5
26	160L-4	15	1460	30.3	88.5	0.85	2.2	7	2.2	147.2	170	0.5

PERFORMANCE DATA OF Y₃EJ SERIES

	Frame reference and size	Rated power	Full load speed in revolutions per minute	Full load current at rated voltage	Efficiency	Power factor	Direct on line starting torque ratio	Direct on line starting current ratio	Direct on line pull out torque ratio	Rated torque	Exciter Voltage	No-load brake lag time
NO.	Type	power (Kw)	Speed (r/min)	Amps (A)	η (%)	cos ϕ	LRT/RLT	LRA/RLA	BDT/RLT	Static braking torque not less than N.m	(V)	(S)
1	180M-4	18.5	1470	35.9	91	0.86	2.2	7	2.2	215.8	170	0.6
2	180L-4	22	1470	42.5	91.5	0.86	2.2	7	2.2	215.8	170	0.6
3	200L-4	30	1470	56.8	82.5	0.87	2.2	7	2.2	294.3	170	0.7
4	225S-4	37	1480	69.8	91.8	0.87	2.2	7	2.2	414.5	170	0.8
5	225M-4	45	1480	84.2	92.3	0.88	2.2	7	2.2	441.5	170	0.8
6	90S-6	0.75	910	2.3	72.5	0.70	2	5.5	2.2	14.7	100	0.25
7	90L-6	1.1	910	3.2	73.5	0.72	2	5.5	2	14.7	100	0.25
8	100L-6	1.5	940	4.0	77.5	0.74	2	6	2	29.4	100	0.3
9	112M-6	2.2	940	5.6	80.5	0.74	2	6	2	39.2	170	0.35
10	132S-6	3	960	7.2	83	0.76	2	6.5	2	73.6	170	0.4
11	132M1-6	4	960	9.4	84	0.77	2	6.5	2	73.6	170	0.4
12	132M2-6	5.5	960	12.6	85.3	0.78	2	6.5	2	73.6	170	0.4
13	160M-6	7.5	970	17	86	0.78	2	6.5	2	147.2	170	0.5
14	160L-6	11	970	24.6	86	0.78	2	6.5	2	147.2	170	0.5
15	180L-6	15	970	31.4	89.5	0.81	1.8	6.5	2	215.8	170	0.6
16	200L1-6	18.5	970	37.7	89.8	0.83	1.8	6.5	2	294.2	170	0.7
17	200L2-6	22	970	44.6	90.2	0.83	1.8	6.5	2	294.3	170	0.7
18	225M-6	30	980	59.5	90.2	0.85	1.8	6.5	2	441.5	170	0.8
19	132S-8	2.2	710	5.8	81	0.71	2	5.5	2	73.6	170	0.4
20	132M-8	3	710	7.7	82	0.72	2	5.5	2.2	73.6	170	0.4
21	160M1-8	4	720	9.9	84	0.73	2	6	2	147.2	170	0.5
22	160M2-8	5.5	720	13.3	85	0.74	2	6	2	147.2	170	0.5
23	160L-8	7.5	720	17.3	86	0.75	2	5.5	2	147.2	170	0.5
24	180L-8	11	730	27.7	86.5	0.77	1.7	6	2	215.8	170	0.6
25	200L-8	15	730	34.1	88	0.76	1.8	6	2	294.3	170	0.7
26	225S-8	18.5	730	41.3	89.5	0.76	1.7	6	2	441.5	170	0.8
27	225M-8	22	730	47.6	90	0.78	1.8	6	2	441.5	170	0.8