

Teco LVED IE2 Aluminium AC Motors Performance Data



2 Pole (3000rpm@50Hz)

Rating at 400V, 50Hz

IE2 Efficiency Motors to IEC 60034-30; 2008

Power (kW)	Teco Part Code	Frame	Rated Speed (50Hz)	Efficiency			Power Factor*	Current		Torque			Rotor Inertia (kg-m ²)
				Full Load (%)	3/4 Load (%)	1/2 Load (%)		I _N (A)	Locked Rotor (A)	T _N (kg-m)	T _I /T _N (%FLT)	T _B /T _N (%FLT)	
0.18	I2-0.18-2B3	63	2775	67.4	67.4	60.4	78.5	0.49	2.2	0.06	190	200	0.001
0.25	I2-0.25-2B3	63	2785	69.9	70.0	65.7	79.0	0.65	2.9	0.087	195	205	0.001
0.37	I2-0.37-2B3	71	2790	71.0	71.0	66.7	81.0	0.93	4.5	0.129	190	220	0.001
0.55	I2-0.55-2B3	71	2780	75.5	76.2	73.3	83.0	1.27	6.7	0.193	190	220	0.002
0.75	I2-0.75-2B3	80	2815	77.4	78.6	77.4	86.0	1.63	10	0.259	310	300	0.003
1.1	I2-1.10-2B3	80	2820	79.6	80.8	80.0	86.0	2.32	16	0.38	335	325	0.004
1.5	I2-1.50-2B3	90S	2865	81.3	82.0	80.9	85.5	3.11	24	0.509	310	330	0.006
2.2	I2----2-2B3	90L	2860	83.2	84.0	83.2	87.0	4.39	33	0.748	305	320	0.008
3	I2----3-2B3	100L	2880	84.6	85.5	84.8	84.5	6.06	45	1.01	305	335	0.016
4	I2----4-2B3	112M	2905	85.8	86.3	85.3	86.5	7.78	60	1.34	195	285	0.033
5.5	I2----5-2B3	132S	2930	87.0	87.0	85.6	80.5	11.3	80	1.83	265	305	0.054
7.5	I2----7-2B3	132S	2920	88.1	88.4	87.5	78.5	15.7	110	2.5	280	300	0.065
11	I2---11-2B3	160M	2950	89.5	90.5	90.0	89.0	19.9	165	3.63	230	305	0.154
15	I2---15-2B3	160M	2950	90.5	91.5	91.0	90.0	26.6	225	4.95	245	315	0.192
18.5	I2---18-2B3	160L	2945	91.0	92.0	92.0	91.0	32.2	290	6.11	260	310	0.237

Tel: +44(0)161 628 8497

E-Mail sales@transdrive.co.uk