

Drive-Tek LVED IE2 Aluminium AC Motors Performance Data

4 Pole (1500rpm@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	I2-0.18-4B3	63	1375	65.0	63.8	58.2	74.5	0.54	2.1	0.127	200	200	0.002
0.25	I2-0.25-4B3	71	1380	69.5	70.1	66.2	77.0	0.67	2.8	0.176	200	200	0.003
0.37	I2-0.37-4B3	71	1385	69.5	69.9	66.3	75.0	1.02	4.3	0.260	205	205	0.003
0.55	I2-0.55-4B3	80	1435	78.1	78.1	75.2	76.0	1.34	8.8	0.373	255	280	0.01
0.75	I2-0.75-4B3	80	1430	79.6	79.6	76.1	77.5	1.75	11	0.510	245	270	0.012
1.1	I2-1.10-4B3	90S	1435	81.4	81.4	79.2	80.0	2.44	17	0.746	265	305	0.014
1.5	I2-1.50-4B3	90L	1430	82.8	83.2	81.9	80.0	3.27	23	1.021	275	315	0.018
2.2	I2----2-4B3	100L	1435	84.3	86.3	86.5	81.5	4.62	32	1.492	280	285	0.039
3	I2----3-4B3	100L	1430	85.5	86.5	86.7	78.5	6.45	42	2.041	270	250	0.044
4	I2----4-4B3	112M	1440	86.6	87.0	87.0	83.5	7.98	63	2.703	285	285	0.065
5.5	I2----5-4B3	132S	1450	87.7	88.2	86.9	84.0	10.8	80	3.691	255	295	0.145
7.5	I2----7-4B3	132M	1455	88.7	88.8	88.0	84.0	14.5	109	5.015	265	300	0.176
11	I2---11-4B3	160M	1465	90.0	90.5	90.0	86.0	20.5	160	7.306	200	240	0.296
15	I2---15-4B3	160L	1465	91.0	91.5	91.0	86.5	27.5	220	9.962	220	255	0.427