

1	Typical Supply Voltages	V (DC)	24-48 VAC
2	Basic DC Bus Voltage		36
3	Rated Output Power	Watts	60
4	Rated Speed	rpm	3000
5	Max. Mechanical Speed	rpm	6000
6	Rated Torque	Nm	0.19
7	Continuous Stall Torque	Nm	0.2
8	Peak Torque	Nm	0.48
9	Rated Current	A (rms)	5.7
10	Continuous Stall Current	A (rms)	6
11	Peak Current	A (rms)	14.3
12	Voltage Constant $\pm 10\%$	V(rms)/K rpm	2.1
13	Torque Constant $\pm 10\%$	Nm/A(rms)	0.035
14	Winding Resistance(Line-Line) $\pm 10\%$	Ohm @20°C	0.36
15	Winding Inductance(Line-Line) $\pm 20\%$	mH (typ.)	0.39
16	Inertia -(with encoder)	kg m <sup>2</sup>	0.00000232
17	Thermal Resistance(mounted)	°C / W	2.9
18	Thermal Time Constant	Minutes	12
19	Heat Sink Size (Aluminum)	mm	120x120x5
20	Shaft Load - Axial	N (max)	50 N / 11 lb
21	Shaft Load - Radial(end of shaft)	N (max)	50 N / 11 lb
22	Weight (with std. encoder)	kg m <sup>2</sup>	0.4 kg / 0.9 lb
23	Approvals	CE, Cul, rOhs	
24	Encoder	2500 P/r Incremental	
25	Insulation Class	B (130°C)	
26	IP Rating	IP65 (except shaft without seal and non-sealed connectors)	
27	Installation Location	Indoors, free from direct sunlight, corrosive gas, inflammable gas	
28	Ambient Temperature	Operating 0-40°C, Storage -20-80°C	
29	Ambient Humidity (max)	85% (free from condensing)	
30	Altitude (max)	1000 m	
31	Vibration Resistance	49 m/s <sup>2</sup>	
32	Rotor Poles	8	