

1	Typical Supply Voltages	V (DC)	24-60 VDC
2	Basic DC Bus Voltage		48
3	Rated Output Power	Watts	200
4	Rated Speed	rpm	3000
5	Max. Mechanical Speed	rpm	6000
6	Rated Torque	Nm	0.64
7	Continuous Stall Torque	Nm	0.64
8	Peak Torque	Nm	1.9
9	Rated Current	A (rms)	10
10	Continuous Stall Current	A (rms)	10
11	Peak Current	A (rms)	30
12	Voltage Constant $\pm 10\%$	V(rms)/K rpm	4.1
13	Torque Constant $\pm 10\%$	Nm/A(rms)	0.065
14	Winding Resistance(Line-Line) $\pm 10\%$	Ohm @20°C	0.192
15	Winding Inductance(Line-Line) $\pm 20\%$	mH (typ.)	0.56
16	Inertia -(with encoder)	kg m ²	0.0000165
17	Thermal Resistance(mounted)	°C / W	1.8
18	Thermal Time Constant	Minutes	15
19	Heat Sink Size (Aluminum)	mm	180x180x5
20	Shaft Load - Axial	N (max)	70 N / 15 lb
21	Shaft Load - Radial(end of shaft)	N (max)	200 N / 45 lb
22	Weight (with std. encoder)	kg m ²	1.1 kg / 2.3 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 ²	
32	Rotor Poles	8	