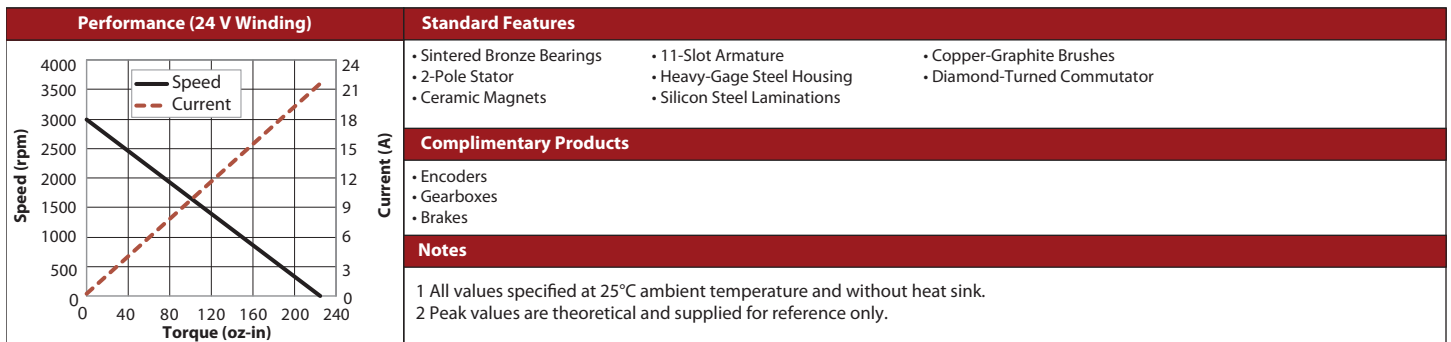


		Part/Model Number							
Specification	Units	14205 12.0 V	14205 15.2 V	14205 19.1 V	14205 24.0 V	14205 30.3 V	14205 38.2 V	14205 48.0 V	14205 60.0 V
Supply Voltage	VDC	12.0	15.2	19.1	24.0	30.3	38.2	48.0	60.6
Continuous Torque	oz-in Nm	31 0.2189	31 0.2189	31 0.2189	31 0.2189	31 0.2189	31 0.2189	31 0.2189	31 0.2189
Speed @ Cont. Torque	RPM	2510	2590	2580	2580	2610	2600	2590	2580
Current @ Cont. Torque	Amps (A)	7.2	5.77	4.55	3.60	2.88	2.28	1.80	1.42
Continuous Output Power	Watts (W)	58	59	59	59	60	60	59	59
Motor Constant	oz-in/sqrt W Nm/sqrt W	9.6 0.068	9.8 0.069	9.9 0.07	10 0.071	10 0.071	10 0.071	10 0.071	10 0.071
Torque Constant	oz-in/A Nm/A	5.25 0.0371	6.56 0.0463	8.31 0.0587	10.5 0.0741	13.1 0.0925	16.6 0.1172	21.0 0.1483	26.7 0.1885
Voltage Constant	V/krpm V/rad/s	3.88 0.0371	4.85 0.0463	6.15 0.0587	7.76 0.0741	9.71 0.0927	12.3 0.1175	15.5 0.148	19.7 0.1881
Terminal Resistance	Ohms	0.30	0.45	0.71	1.11	1.73	2.75	4.36	6.97
Inductance	mH	0.45	0.71	1.13	1.81	2.83	4.54	7.24	11.7
No-Load Current	Amps (A)	0.49	0.40	0.31	0.25	0.20	0.16	0.12	0.10
No-Load Speed	RPM	2990	3030	3010	2990	3020	3010	3000	2970
Peak Current	Amps (A)	40.0	33.8	26.9	24.6	17.5	13.9	11.0	8.69
Peak Torque	oz-in Nm	207 1.4614	219 1.5461	221 1.5603	224 1.5814	227 1.6026	228 1.6097	229 1.6167	229 1.6167
Coulomb Friction Torque	oz-in Nm	2.0 0.0141	2.0 0.0141	2.0 0.0141	2.0 0.0141	2.0 0.0141	2.0 0.0141	2.0 0.0141	2.0 0.0141
Viscous Damping Factor	oz-in/krpm Nm s/rad	0.19 1.28E-5	0.19 1.28E-5	0.19 1.28E-5	0.19 1.28E-5	0.19 1.28E-5	0.19 1.28E-5	0.19 1.28E-5	0.19 1.28E-5
Electrical Time Constant	ms	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7
Mechanical Time Constant	ms	6.8	6.5	6.4	6.3	6.3	6.2	6.2	6.1
Thermal Time Constant	min	29	29	29	29	29	29	29	29
Thermal Resistance	Celsius/W	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
Max. Winding Temperature	Celsius	155	155	155	155	155	155	155	155
Rotor Inertia	oz-in-sec ² kg-m ²	0.0044 3.11E-5	0.0044 3.11E-5	0.0044 3.11E-5	0.0044 3.11E-5	0.0044 3.11E-5	0.0044 3.11E-5	0.0044 3.11E-5	0.0044 3.11E-5
Weight (Mass)	oz g	39.5 1119.8	39.5 1119.8	39.5 1119.8	39.5 1119.8	39.5 1119.8	39.5 1119.8	39.5 1119.8	39.5 1119.8



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