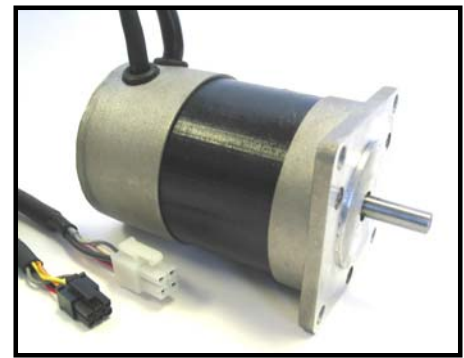


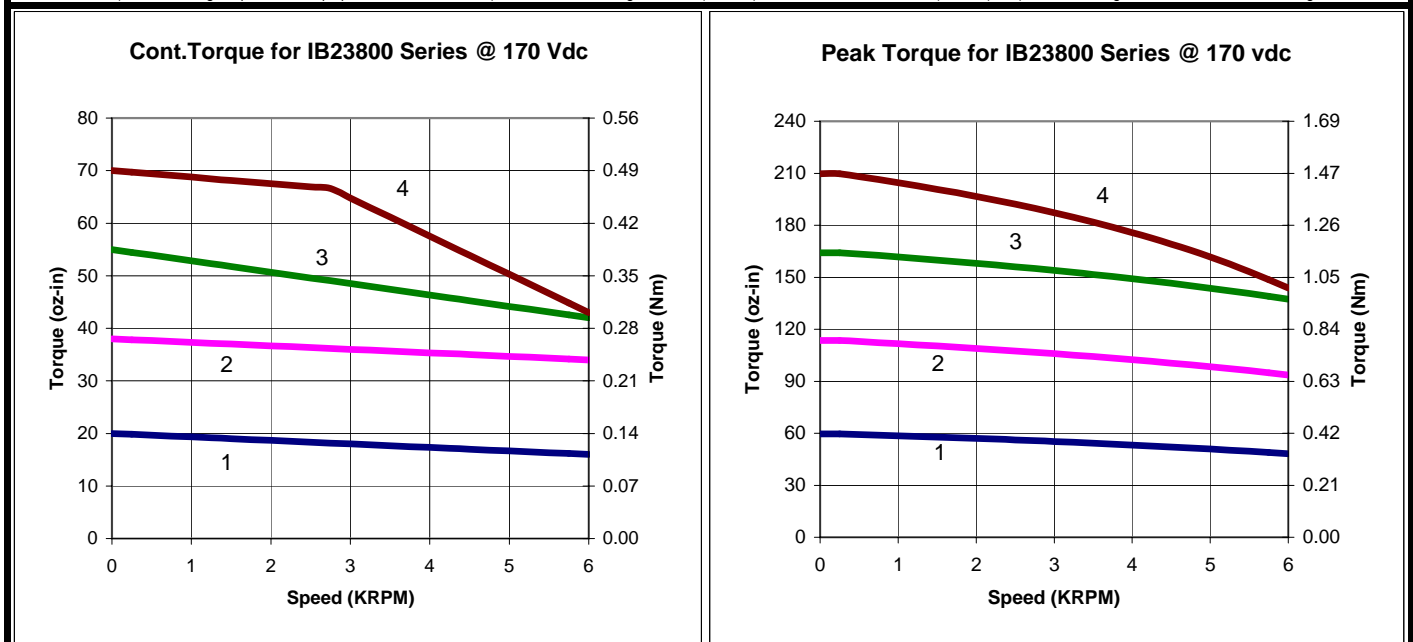
IB23800 Brushless Motor

- 2.25 Inch Size 23 Motor
- Continuous Torques from 20 to 70 oz-in
- Speeds up to 6000 rpm
- Voltage Rating up to 170 Vdc
- 8 Lb Radial Load 1/2" from Front Face
- Optical Encoders - High Precision w/Bearing, Optional
- NEMA 23 Low Cost Planetary, Optional
- "Bolt On" Brake or Precision Gearhead, Optional



Catalog Number	Torque		Speed	Voltage	Current		Torque		Voltage	Res. Rt	Ind. L	Inertia		Weight
	Cont. Tcs	Peak Tps	@ Vt ω RPM	Terminal Vt V dc	Cont. Ics	Peak Ips	Constant Kt	Constant Ke	Jm			oz-in-s ²	Kg / lb	
	Nm / oz-in	Nm / oz-in			A	A	Nm / A	oz-in / A	V / KRPM	ohms	mH	kg-cm ²	oz-in-s ²	
IB23811	0.14 / 20	0.42 / 60	6000	170	1.8	5.5	0.0840	11.90	8.8	4.1	6.8	0.078	0.0011	0.54 / 1.2
IB23821	0.27 / 38	0.81 / 114	6000	170	3.4	10.1	0.0869	12.30	9.1	1.4	3.1	0.120	0.0017	0.81 / 1.8
IB23831	0.39 / 55	1.17 / 165	6000	170	4.8	14.4	0.0879	12.44	9.2	1.1	2.3	0.177	0.0025	1.02 / 2.3
IB23841	0.49 / 70	1.48 / 210	5000	170	4.5	13.6	0.1184	16.77	12.4	1.22	3.3	0.2260	0.0032	1.27 / 2.8

Notes: 1) 125C winding temp for Tc, Ic, Tp, Ip. All others @ 25C. 2) Tolerance on winding constants (+/- 10%), Resistance and Inductance (+/- 15%). 3) Visit www.mcg-net.com for more CAD drawings & data



Curves: 1) IB23811, 2) IB23821, 3) IB23831, 4) IB23841

System performance may differ depending on the drive capability.

