

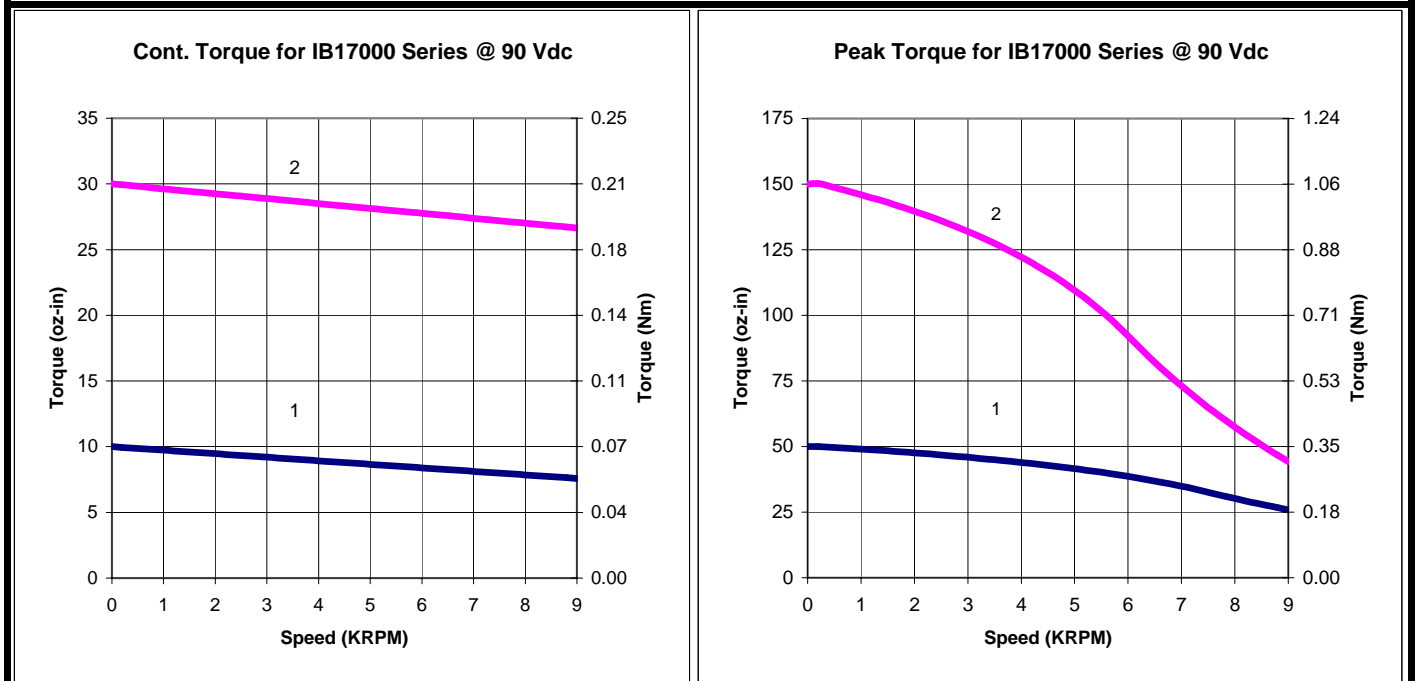
IB17000 Brushless Motor

- 1.75 Inch Size 17 Motor
- Continuous Torques from 10 to 30 oz-in
- Speeds up to 9000 rpm
- Voltage Rating up to 90 Vdc
- 6.2 lb Radial Load 1/2" from Front Face
- Nema 17 Mounting
- Optical Encoders - Economical to High Precision, Optional
- "Bolt On" Precision Gearhead, Optional



Catalog Number	Torque		Speed @ Vt ω RPM	Voltage Terminal Vt V dc	Current		Torque Constant		Voltage Constant Ke V / KRPM	Res. Rt ohms	Ind. L mH	Inertia Jm kg-cm ² oz-in-s ²	Weight Kg / lb	
	Cont. Tcs	Peak Tps			Cont. Ics	Peak Ips	Nm / A	oz-in / A						
	Nm / oz-in	Nm / oz-in	A	A	Nm / A	oz-in / A								
IB17000	0.07 / 10	0.35 / 50	9000	90	1.7	8.6	0.043	6.06	4.48	5.82	2.38	0.0169	0.00024	0.29 / 0.64
IB17001	0.21 / 30	1.06 / 150	9000	90	3.7	18.4	0.060	8.51	6.29	2.14	1.60	0.0438	0.00062	0.48 / 1.05

Notes: 1) 155C 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) IB17000, 2) IB17001

System Performance may differ depending on the drive capability

