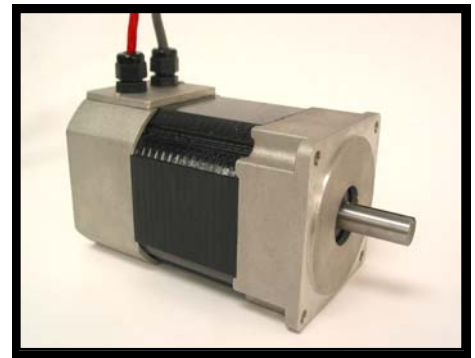


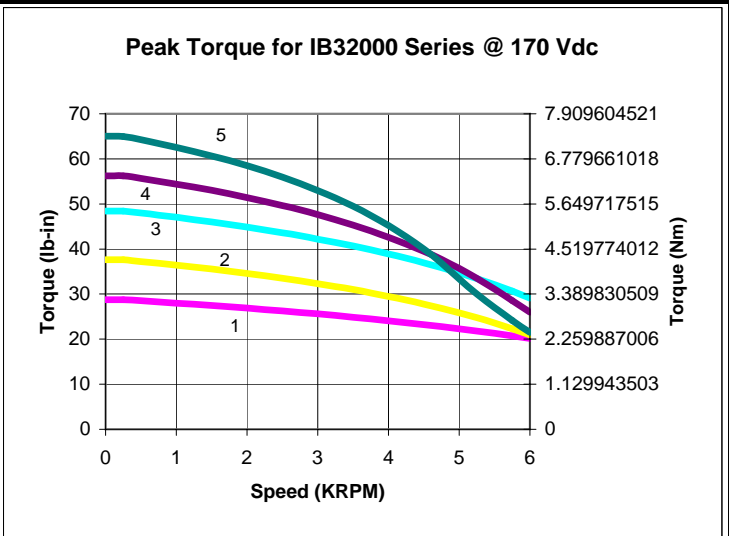
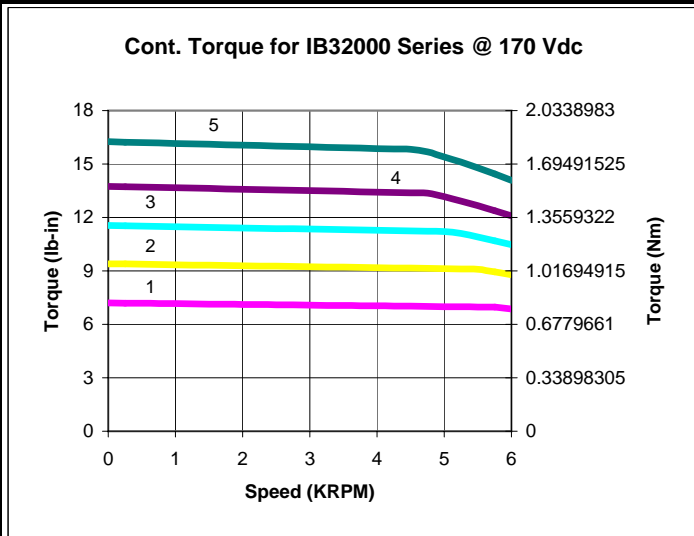
IB32000 Brushless Motor

- 3.25 Inch NEMA 34
- Continuous Torques from 7 to 16 lb-in
- Speeds up to 6000 rpm
- Voltage Rating up to 170 Vdc
- Integrated Hall Effect Commutation
- 30 Lb Radial Load Capacity, 1/2" from Front Face
- Optical Encoders - Economical to High Precision, Optional
- NEMA 34 "Bolt On" Brake or 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		Weight Kg / lb
	Cont. Tcs Nm / lb-in	Peak Tps Nm / lb-in			Cont. Ics A	Peak Ips A	Nm / A	lb-in / A				kg-cm ²	lb-in-s ²	
IB32002	0.81 / 7.2	3.25 / 28.75	6000	170	10.2	40.8	0.099	0.88	10.41	0.620	1.85	0.994	0.00088	2.49 / 5.5
IB32003	1.06 / 9.4	4.25 / 37.6	6000	170	10.1	40.4	0.132	1.16	13.78	0.590	2.19	1.277	0.00113	3.04 / 6.7
IB32004	1.3 / 11.55	5.47 / 48.45	6000	170	12.8	53.6	0.128	1.13	13.38	0.410	1.54	1.559	0.00138	3.54 / 7.8
IB32005	1.55 / 13.75	6.36 / 56.25	6000	170	12.7	52.1	0.153	1.35	15.97	0.456	1.74	1.842	0.00163	4.08 / 9
IB32006	1.84 / 16.25	7.34 / 65	5000	170	13.0	52.0	0.177	1.56	18.5	0.498	1.95	2.124	0.00188	4.67 / 10.3

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) IB32002 2) IB32003 3) IB32004 4) IB32005 5) IB32006

System Performance may differ depending on the drive capability.

