

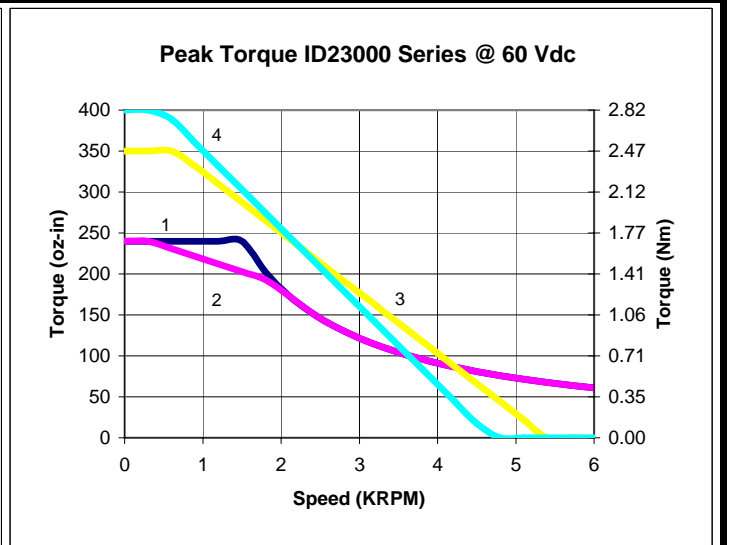
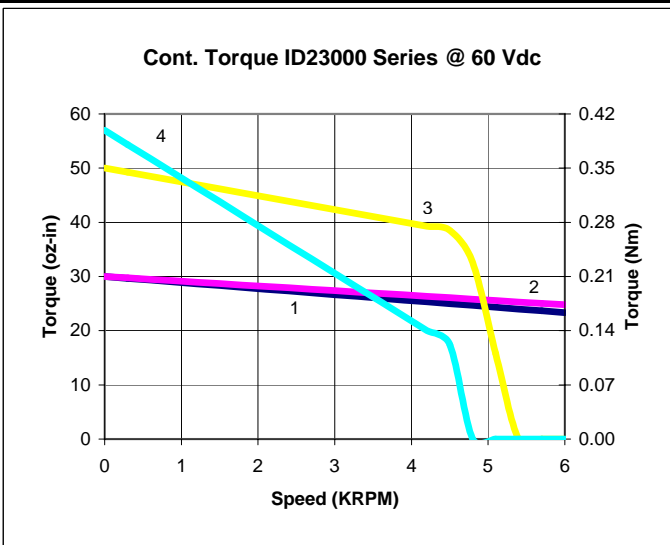
ID23000 DC Brush Motor

- 2.25 Inch NEMA 23 Motor
- Continuous Torque From 30 TO 57 oz-in
- Voltage Rating up to 60 Vdc w/ Speeds to 6000 rpm
- 10 Lb Radial Load 1/2" from Front Face
- Motor / Tachometer Versions (shaded), 14 V/Krpm
- Optical Encoders - Economical to High Precision, Optional
- NEMA 23 Low Cost Planetary Gearhead, Optional
- "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 / oz-in	Peak Tps Nm / oz-in			Cont. Ics A	Peak Ips A	Nm / A	oz-in / A				kg-cm ²	oz-in-s ²	
ID23000	0.212 / 30	1.7 / 240	6000	60	4.3	34.0	0.0554	7.84	5.8	1.15	1.40	0.268	0.0038	1 / 2.2
ID23006	0.212 / 30	1.7 / 240	6000	60	4.3	34.0	0.0554	7.84	5.8	1.15	1.40	0.367	0.0052	1.29 / 2.85
ID23001	0.212 / 30	1.7 / 240	6000	60	3.3	26.7	0.0707	10.01	7.4	1.50	3.39	0.268	0.0038	1 / 2.2
ID23007	0.212 / 30	1.7 / 240	6000	60	3.3	26.7	0.0707	10.01	7.4	1.50	3.39	0.367	0.0052	1.29 / 2.85
ID23004	0.35 / 50	2.47 / 350	4700	60	3.7	26.1	0.1050	14.87	11	2.00	5.20	0.438	0.0062	1.41 / 3.1
ID23008	0.35 / 50	2.47 / 350	4700	60	3.7	26.1	0.1050	14.87	11	2.00	5.20	0.537	0.0076	1.7 / 3.75
ID23005	0.4 / 57	2.83 / 400	4000	60	3.7	25.9	0.1213	17.17	12.7	2.20	6.40	0.530	0.0075	1.59 / 3.5
ID23009	0.4 / 57	2.83 / 400	4000	60	3.7	25.9	0.1213	17.17	12.7	2.20	6.40	0.629	0.0089	1.88 / 4.15

Notes: 1) 155C winding temp. All others @ 25C. 2) Tolerance on winding constants (+/- 10%), Resistance and Inductance (+/- 15%). 3) Visit www.mcg-net.com for more individual CAD drawings & data



Curves: 1)ID23000 & ID23006 2)ID23001 & ID23007 3)ID23004 & ID23008 4)ID23005 & ID23009

System Performance may differ depending on the drive capability

