

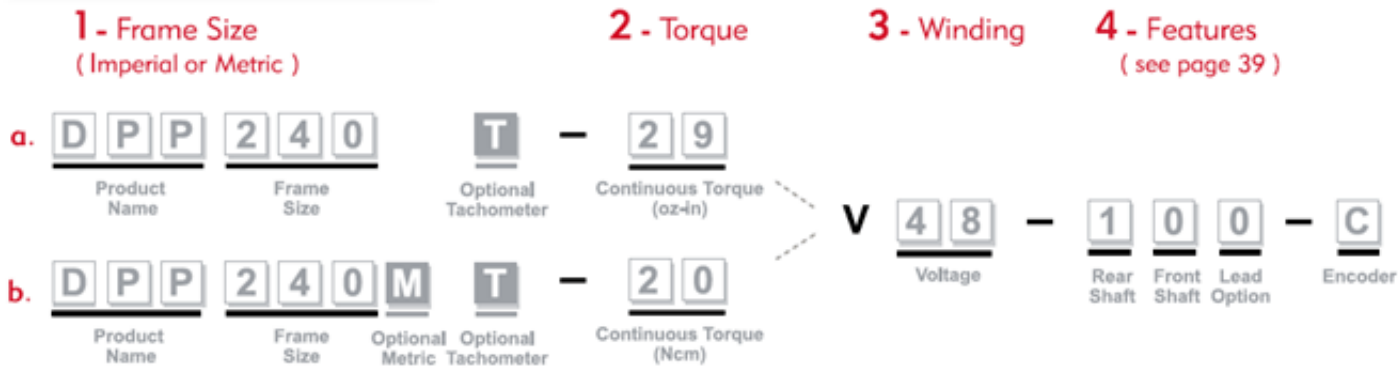


DPP-Series Motors
PMDC Motors shipped in 24 hours*



The EC NOW Program offers customers a fast, convenient and global source for quality ElectroCraft motor and drive products. Customer orders for EC NOW product part numbers can be placed with any of our convenient US, Europe or Asian locations and products can be shipped within 24 hours to any customer location around the world. The program includes a wide variety of motor and drive technologies and mechanical configurations, including stepper motors, brushless motors, brush motors, stepper-based linear actuators, brush-type servo drives, brushless speed controls and brushless servo drives.

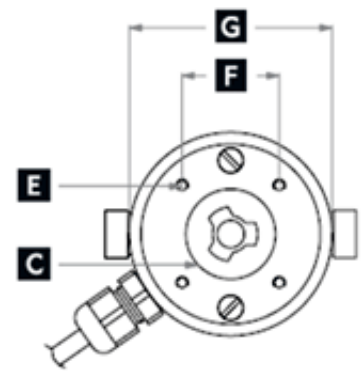
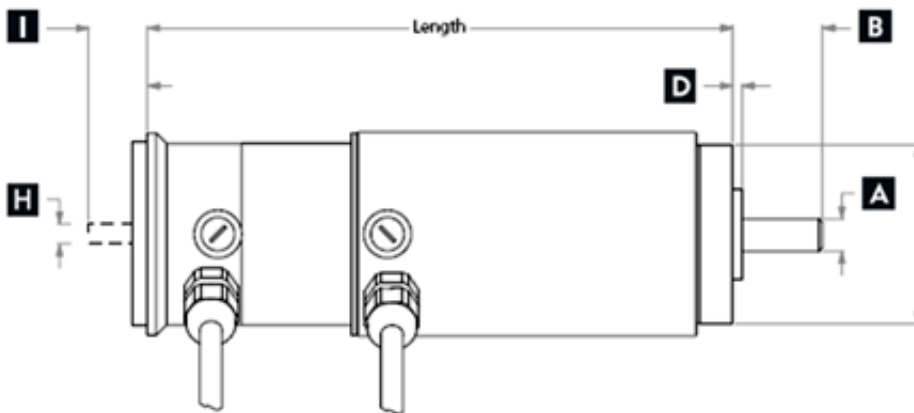
PMDC Model Number (example)



Summary Data									
Frame Size	Part Number	Stall Torque oz-in(Ncm)	Peak Torque oz-in(Ncm)	No Load Speed RPM	Operating Voltage VDC	Voltage Constant V/kRPM	Torque Constant oz-in/A(Ncm/A)	Max.Cont. Current Amps	Peak Current Amps
240	DPP240-29V60-110-X	29 (20)	240 (170)	5000	60	14.2	19.2 (13.6)	1.9	13.9
240	DPP242-44V60-110-X	44 (31)	350 (247)	5000	60	12.4	16.7 (11.8)	3	21.2
240	DPP243-52V60-110-X	52 (36)	400 (283)	5000	60	12.3	16.6 (11.7)	3.5	25.3
680	DPP681-90V24-120-X	90 (64)	450 (318)	5000	24	5.2	7.1 (5.0)	13	63.5
680	DPP683-120V24-120-X	120 (85)	680 (480)	5000	24	5.6	7.6 (5.3)	13	89
680	DPP685-185V24-120-X	185 (131)	950 (671)	5000	24	5.4	7.3 (5.2)	15	90
680	DPP689-200V24-120-X	200 (141)	1100 (777)	5000	24	5.5	7.4 (5.2)	15	90

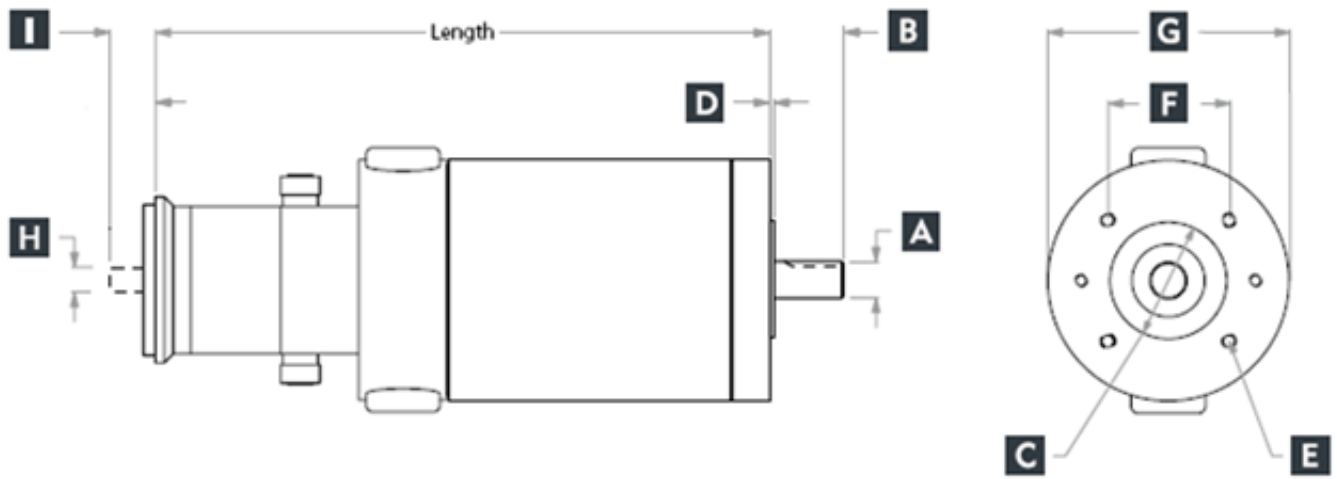
DPP240 Dimensions

			A	B	C	D	E	F	G	H	I
Model	MAX Length	MAX Length (with tachometer)	Front Shaft Diameter	Front Shaft Length	Pilot Diameter	Pilot Length (Ref)	Mounting Hole Pattern (Ref)	Mount Hole Spacing (Ref)	Flange External Dimension (Ref)	Rear Shaft Diameter	Rear Shaft Length
DPP240	4.0in	6.1in	0.2500in 0.2495in	1.0in ±0.03	1.000in 0.998in	0.10in	[4] 6-32 UNC-2B 0.38 in Deep Min EQ SP on 1.531 in D.B.C	1.083in	2.00 in	0.2497 in 0.2494in	0.70in ±0.030
DPP242	5.0in	7.1in	0.2500in 0.2495in	1.0in ±0.03	1.000in 0.998in	0.10in	[4] 6-32 UNC-2B 0.38 in Deep Min EQ SP on 1.531 in D.B.C	1.083in	2.00 in	0.2497 in 0.2494in	0.70in ±0.030
DPP243	5.5in	7.6in	0.3750in 0.3747in	1.0in ±0.03	1.000in 0.998in	0.10in	[4] 6-32 UNC-2B 0.38 in Deep Min EQ SP on 1.531 in D.B.C	1.083in	2.00 in	0.2497 in 0.2494in	0.70in ±0.030



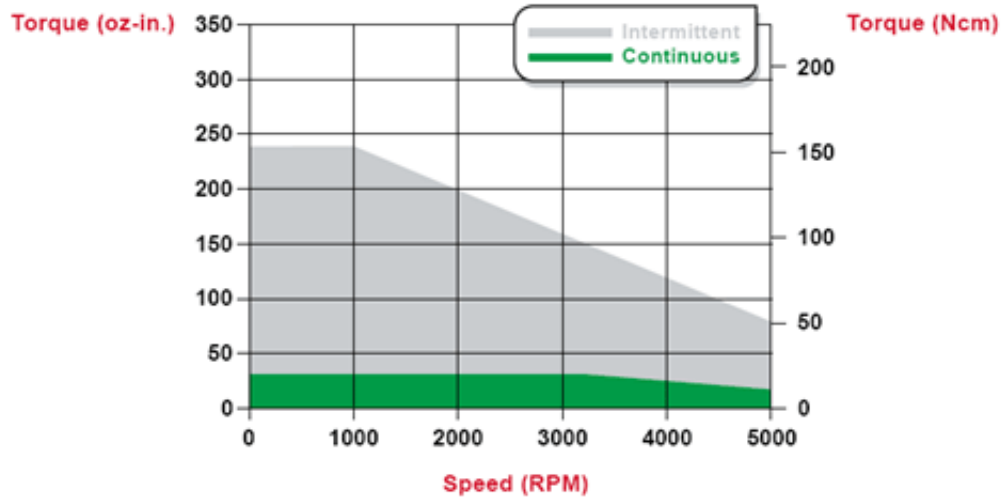
DPP680 Dimensions

			A	B	C	D	E	F	G	H	I
Model	MAX Length	MAX Length (with tachometer)	Front Shaft Diameter	Front Shaft Length	Pilot Diameter	Pilot Length (Ref)	Mounting Hole Pattern (Ref)	Mount Hole Spacing (Ref)	Flange External Dimension (Ref)	Rear Shaft Diameter	Rear Shaft Length
DPP681	5.09in	7.37in	0.5000in 0.4995in	1.000in ±0.03	1.574in 1.572in	0.062in	[4] 10-32 UNC-28 0.50 in Deep Min EQ SP on 2.312 in D.B.C	1.635in	3.25 in OD	0.3750 in 0.3747 in	0.70in ±0.03
DPP683	5.69in	7.97in	0.5000in 0.4995in	1.000in ±0.03	1.574in 1.572in	0.062in	[4] 10-32 UNC-28 0.50 in Deep Min EQ SP on 2.312 in D.B.C	1.635in	3.25 in OD	0.3750 in 0.3747 in	0.70in ±0.03
DPP685	6.81in	9.09in	0.5000in 0.4995in	1.000in ±0.03	1.574in 1.572in	0.062in	[4] 10-32 UNC-28 0.50 in Deep Min EQ SP on 2.312 in D.B.C	1.635in	3.25 in OD	0.3750 in 0.3747 in	0.70in ±0.03
DPP689	7.61in	9.89in	0.5000in 0.4995in	1.000in ±0.03	1.574in 1.572in	0.062in	[4] 10-32 UNC-28 0.50 in Deep Min EQ SP on 2.312 in D.B.C	1.635in	3.25 in OD	0.3750 in 0.3747 in	0.70in ±0.03

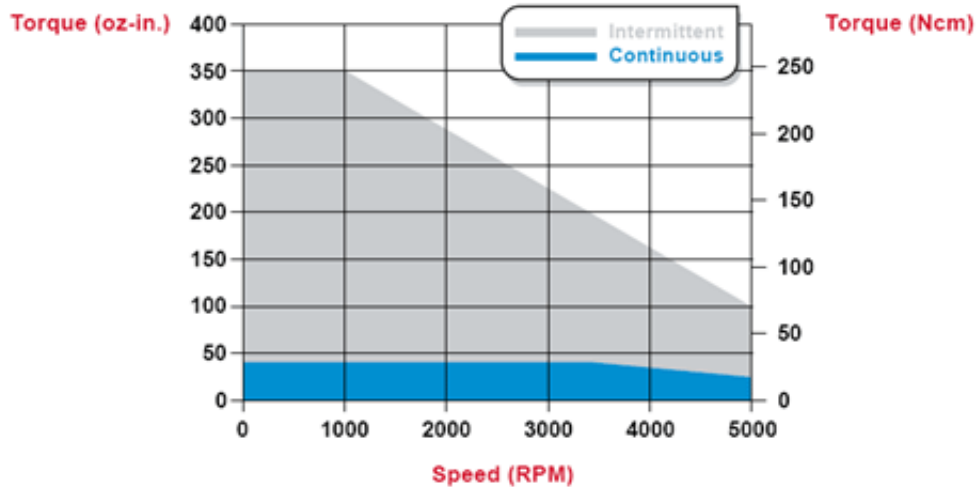


Performance Curves

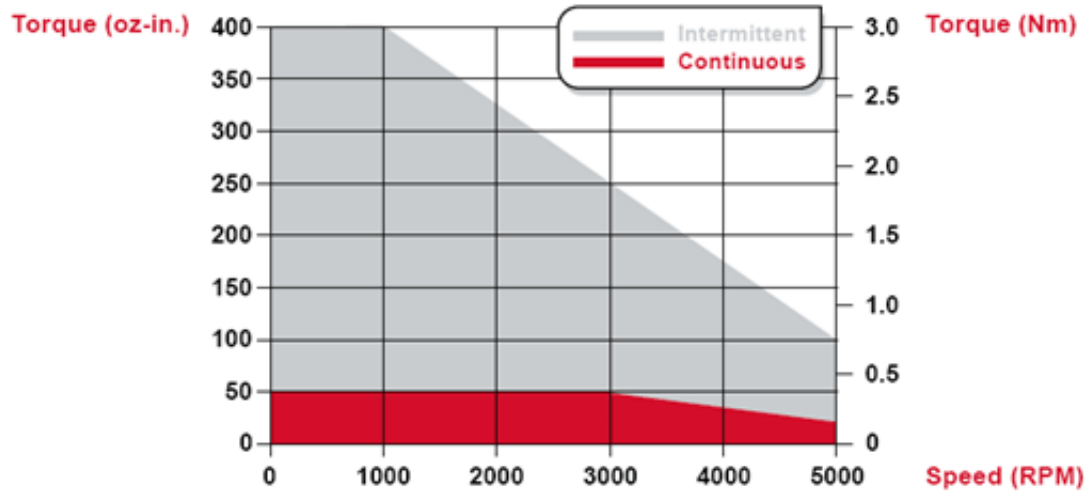
DPP240-29



DPP242-44



DPP243-52



* Some restrictions apply. See the ElectroCraft EC NOW Terms and Conditions for more information

© 2015 ElectroCraft, Inc.