

Characteristics:

Low power EC motor

**Specifications:**

Dimensions (in)	: Ø 1.7 X 2.8 in
Shaft Diameter (in)	: Ø 0.315 in
Input Voltage (V)	: 18.0 V DC
No Load Speed (rpm)	: 3400 rpm
No Load Current (A)	: 0.30 A
Nominal Speed (rpm)	: 2500 rpm
Nominal Torque (lb.in)	: 0.84 lb.in
Nominal Current (A)	: 2.20 A
Stall Torque (lb.in)	: 3.36 lb.in
Stall Current (A)	: 7.50 A
Maximum Output Power (hp)	: 0.04 hp
Maximum Efficiency (%)	: 70%
Torque (lb.in) - Max Eff	: 0.46 lb.in
Speed (rpm) - Max Eff	: 2850 rpm
Life (Typical)	: 10000 hr
Weight (oz)	: 13 oz
Operating Temperature Range (°F)	: 14 to 149 °F
Storage Temperature Range (°F)	: -40 to 158 °F
Electrical Connection	: Leadwire and connector

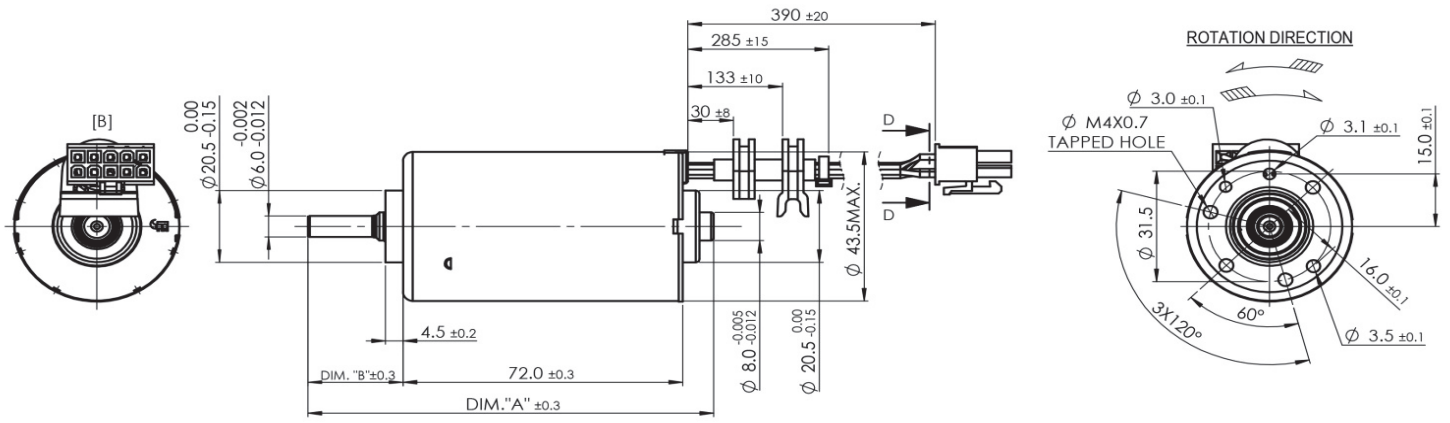
Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	0.30	7.50	1.20	3.80
Efficiency (%)	-	-	75.00	46.00
Output Power (hp)	-	-	0.02	0.04
Speed (rpm)	3400.00	-	2850.00	1700.00
Torque (lb.in)	-	3.36	0.46	1.68

Application Examples:

Robotic Mower Cutter

Drawing:



Performance Curves:

