

Characteristics:

High power EC motor

**Specifications:**

Dimensions (in)	: Ø 1.9 X 2.8 in
Shaft Diameter (in)	: Ø 0.197 in
Input Voltage (V)	: 32.0 V DC
No Load Speed (rpm)	: 27000 rpm
No Load Current (A)	: 4.25 A
Nominal Speed (rpm)	: 23800 rpm
Nominal Torque (lb.in)	: 3.61 lb.in
Nominal Current (A)	: 38.20 A
Stall Torque (lb.in)	: 30.56 lb.in
Stall Current (A)	: 284.90 A
Maximum Output Power (hp)	: 3.27 hp
Maximum Efficiency (%)	: 84%
Torque (lb.in) - Max Eff	: 3.61 lb.in
Speed (rpm) - Max Eff	: 2850 rpm
Life (Typical)	: 2000 hr
Weight (oz)	: 19 oz
Operating Temperature Range (°F)	: 14 to 149 °F
Storage Temperature Range (°F)	: -40 to 185 °F
Electrical Connection	: Leadwire and connector

Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	4.25	284.90	38.20	145.00
Efficiency (%)	-	-	84.00	52.00
Output Power (hp)	-	-	1.37	3.27
Speed (rpm)	27000.00	-	23800.00	13498.00
Torque (lb.in)	-	30.56	3.61	15.28

Application Examples:

Blowers, Hedge Trimmers, String Trimmers

