

Characteristics:

High Power DC motor

**Specifications:**

Dimensions (in)	: Ø 0.9 X 1.5 in
Shaft Diameter (in)	: Ø 0.079 in
Input Voltage (V)	: 7.2 V DC
No Load Speed (rpm)	: 16800 rpm
No Load Current (A)	: 0.52 A
Nominal Speed (rpm)	: 13900 rpm
Nominal Torque (lb.in)	: 0.07 lb.in
Nominal Current (A)	: 2.47 A
Stall Torque (lb.in)	: 0.39 lb.in
Stall Current (A)	: 11.82 A
Maximum Output Power (hp)	: 0.03 hp
Maximum Efficiency (%)	: 62%
Torque (lb.in) - Max Eff	: 0.07 lb.in
Speed (rpm) - Max Eff	: 13900 rpm
Life (Typical)	: 25 hr
Weight (oz)	: 1.89 oz
Operating Temperature Range (°F)	: 14 to 131 °F
Storage Temperature Range (°F)	: -4 to 176 °C
Electrical Connection	: Terminals

Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	0.52	11.82	2.47	6.17
Efficiency (%)	-	-	62.00	43.00
Output Power (hp)	-	-	0.01	0.03
Speed (rpm)	16800.00	-	13900.00	8377.00
Torque (lb.in)	-	0.39	0.07	0.19

Application Examples:

Screw Drivers

