

Characteristics:

High torque DC motor

Specifications:

Dimensions	: Ø 1.4 X 2.2 in
Shaft Diameter	: Ø 0.125 in
Input Voltage	: 10.8 V DC
No Load Speed	: 19600 rpm
No Load Current	: 1.64 A
Nominal Speed	: 17200 rpm
Nominal Torque	: 0.46 lb.in
Nominal Current	: 12.00 A
Stall Torque	: 3.81 lb.in
Stall Current	: 87.50 A
Maximum Output Power	: 0.30
Maximum Efficiency	: 73%
Torque at Maximum Efficiency	: 0.46 lb.in
Speed at Maximum Efficiency	: 17200 rpm
Life (Typical)	: 100 hr
Weight	: 5 oz
Operating Temperature Range	: 14 to 131 °F
Storage Temperature Range	: -4 to 176 °F
Electrical Connection	: Terminals



Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	1.64	87.50	12.00	44.50
Efficiency (%)	-	-	73	46
Output Power (hp)	-	-	0.13	0.30
Speed (rpm)	19600	-	17200	9800
Torque (Lb.in)	-	3.81	0.46	1.91

Application Examples:

Power Tools

