

Characteristics:

Low Voltage DC Motors



Specifications:

Dimensions (in)	: Ø 0.8 X 0.6 X 1.0 in
Shaft Diameter (in)	: Ø 0.079 in
Input Voltage (V)	: 12 V DC
No Load Speed (rpm)	: 24600 rpm
No Load Current (A)	: 0.20 A
Nominal Speed (rpm)	: 19600 rpm
Nominal Torque (lb.in)	: 0.03 lb.in
Nominal Current (A)	: 1.10 A
Stall Torque (lb.in)	: 0.15 lb.in
Stall Current (A)	: 4.60 A
Maximum Output Power (hp)	: 0.01 hp
Maximum Efficiency (%)	: 53.40 %
Torque (lb.in) - Max Eff	: 0.03 lb.in
Speed (rpm) - Max Eff	: 19600 rpm
Operating Temperature Range (°F)	: 14 to 131 °F
Storage Temperature Range (°F)	: -4 to 176 °F
Electrical Connection	: Terminals

Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	0.20	4.60	1.10	2.40
Efficiency (%)	-	-	52.70	-
Output Power (hp)	-	-	0.01	0.01
Speed (rpm)	24600.00	-	19600.00	12000.00
Torque (lb.in)	-	0.15	0.03	0.08

Application Examples:

Actuators

