

Characteristics:

High power DC Motor



Specifications:

Dimensions (in)	: Ø 1.08 X 1.28 in
Shaft Diameter (in)	: Ø 0.091 in
Input Voltage (V)	: 17.0 V DC
No Load Speed (rpm)	: 18000 rpm
No Load Current (A)	: 0.31 A
Nominal Speed (rpm)	: 14300 rpm
Nominal Torque (lb.in)	: 0.07 lb.in
Nominal Current (A)	: 1.16 A
Stall Torque (lb.in)	: 0.34 lb.in
Stall Current (A)	: 4.4 A
Maximum Output Power (hp)	: 0.02 hp
Maximum Efficiency (%)	: 60.5%
Torque at Max Efficiency (lb.in)	: 0.07 lb.in
Speed at Max Efficiency (rpm)	: 14270 rpm
Life (Typical) (hr)	: 175 hr
Weight (oz)	: 1.83 oz
Operating Temperature Range (°F)	: -14 to 131 °F
Storage Temperature Range (°F)	: -4 to 176 °F
Please select	: Terminals

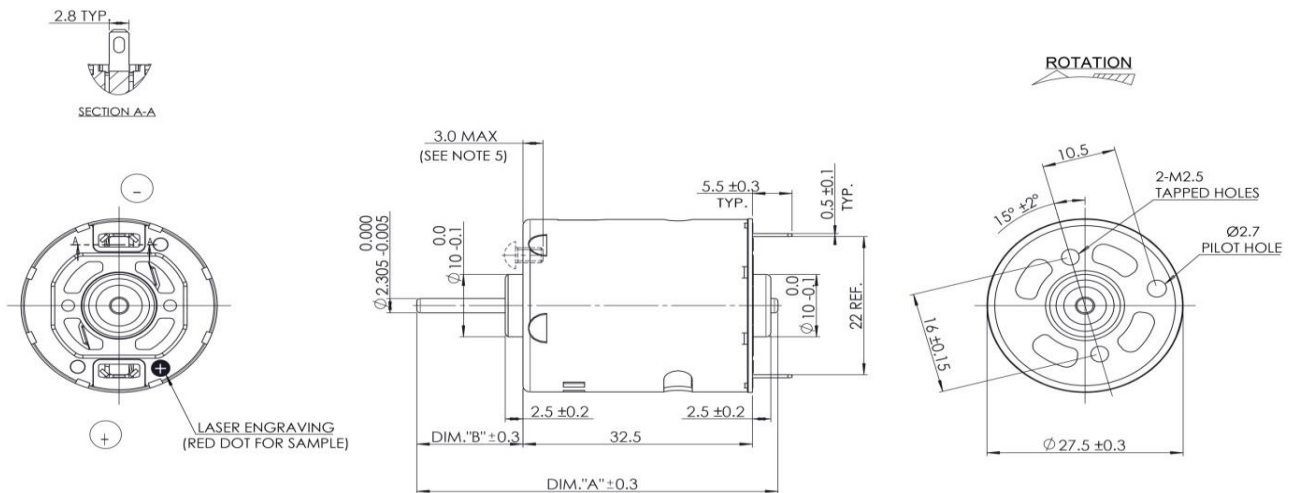
Performance Data:

	No Load	Stall	Max. Efficiency	Max. Power
Current (A)	0.31	4.42	1.17	2.36
Efficiency (%)	-	-	60.62	45.35
Output Power (hp)	-	-	0.01	0.02
Speed (rpm)	18000	-	14270	9000
Torque (lb.in)	-	0.34	0.07	0.17

Application Examples:

Hair Dryers

Drawing:



Performance Curves:

