

Characteristics:

High power DC Motor


Specifications:

Dimensions (mm)	: Ø 27.5 X 32.5 mm
Shaft Diameter (mm)	: Ø 2.305 mm
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 (mNm)	: 8.0 mNm
Nominal Current (A)	: 1.16 A
Stall Torque (mNm)	: 38.5 mNm
Stall Current (A)	: 4.4 A
Maximum Output Power (W)	: 18.2 W
Maximum Efficiency (%)	: 60.5%
Torque at Max Efficiency (mNm)	: 8.1 mNm
Speed at Max Efficiency (rpm)	: 14270 rpm
Life (Typical) (hr)	: 175 hr
Weight (g)	: 52 g
Operating Temperature Range (°C)	: -10 to 55 °C
Storage Temperature Range (°C)	: -20 to 80 °C
Electrical Connection	: Terminals

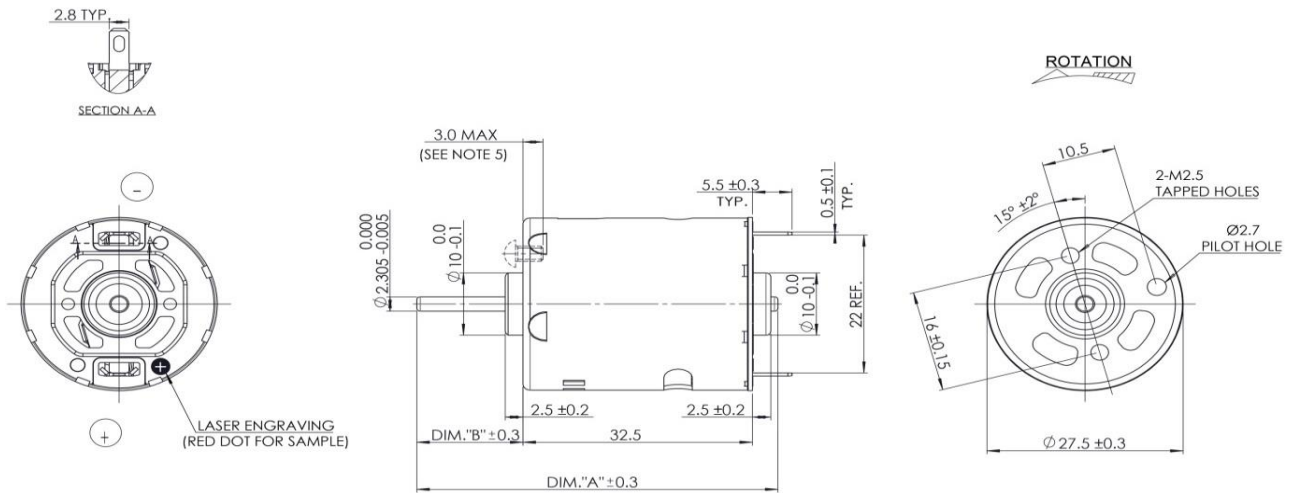
Performance Data:

	No Load	Stall	Max. Efficiency	Max. Power
Current (A)	0.31	4.42	1.17	2.36
Efficiency (%)	-	-	60.62	45.35
Output Power (W)	-	-	12.09	18.23
Speed (rpm)	18000	-	14270	9000
Torque (mNm)	-	38.50	8.10	19.30

Application Examples:

Hair Dryers

Drawing:



Performance Curves:

