

Characteristics:

Low Cogging DC motor

Specifications:

Dimensions	: Ø 20.4 X 15.4 x 25.0 mm
Shaft Diameter	: Ø 2.000 mm
Input Voltage	: 18.0 V DC
No Load Speed	: 12400 rpm
No Load Current	: 0.05 A
Nominal Speed	: 9900 rpm
Nominal Torque	: 1.60 mNm
Nominal Current	: 0.18 A
Stall Torque	: 7.60 mNm
Stall Current	: 0.67 A
Maximum Output Power	: 2.50 W
Maximum Efficiency	: 52%
Torque at Maximum Efficiency	: 1.60 mNm
Speed at Maximum Efficiency	: 9900 rpm
Life (Typical)	: 100 hr
Weight	: 22 g
Operating Temperature Range	: -5 to 65 °C
Storage Temperature Range	: 0 to 65 °C
Electrical Connection	: Terminals



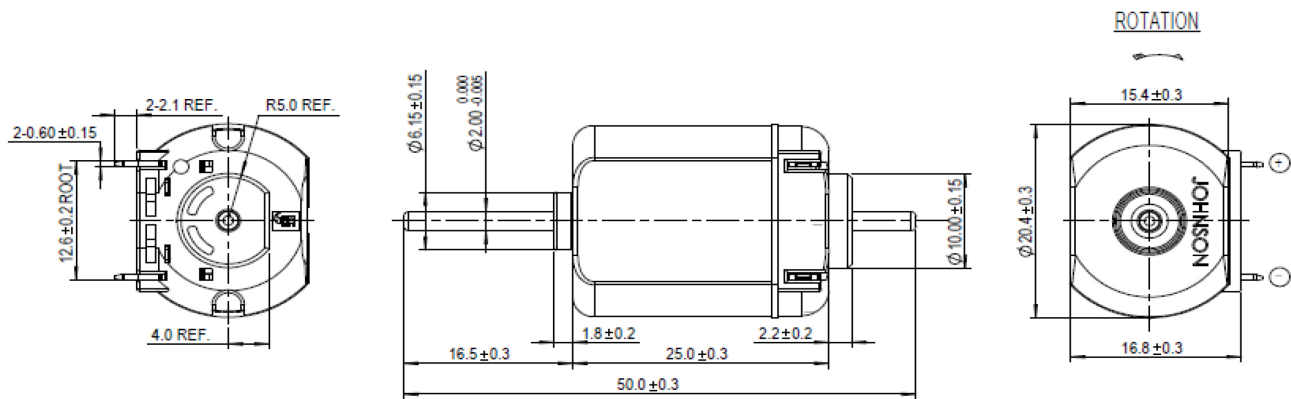
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.05	0.67	0.18	0.36
Efficiency (%)	-	-	52	38
Output Power (W)	-	-	1.70	2.50
Speed (rpm)	12400	-	9900	6200
Torque (mNm)	-	7.60	1.60	3.80

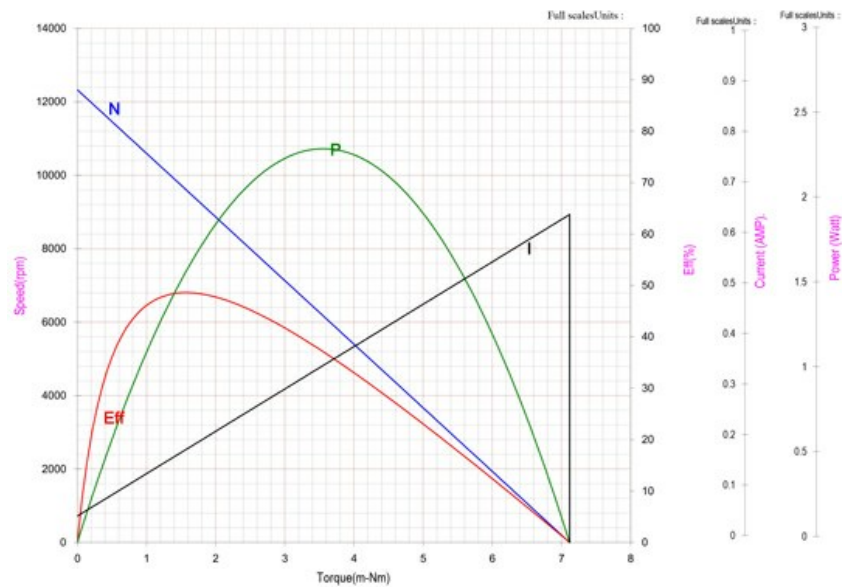
Application Examples:

Circuit Breaker Switches, Door Locks, Headlamp Adjusters, Copiers and Scanners, Paper Lifts and Feeds

Outline Drawing:



Performance Curves:



Units in Metric