

Characteristics:

High Power DC motor

Specifications:

Dimensions	: Ø 24.2 X 18.3 X 30.5 mm
Shaft Diameter	: Ø 2.000 mm
Input Voltage	: 2.4 V DC
No Load Speed	: 7000 rpm
No Load Current	: 0.18 A
Nominal Speed	: 6500 rpm
Nominal Torque	: 2.00 mNm
Nominal Current	: 0.80 A
Stall Torque	: 26.00 mNm
Stall Current	: 9.00 A
Maximum Output Power	: 5.00 W
Maximum Efficiency	: 70 %
Torque at Maximum Efficiency	: 3.00 mNm
Speed at Maximum Efficiency	: 6000 rpm
Life (typical)	: 100 hr
Weight	: 45 g
Operation Temperature	: -10 to 55 °C
Storage Temperature	: -20 to 80 °C
Electrical Connection	: terminals



Ø 20.0 – 24.9 mm

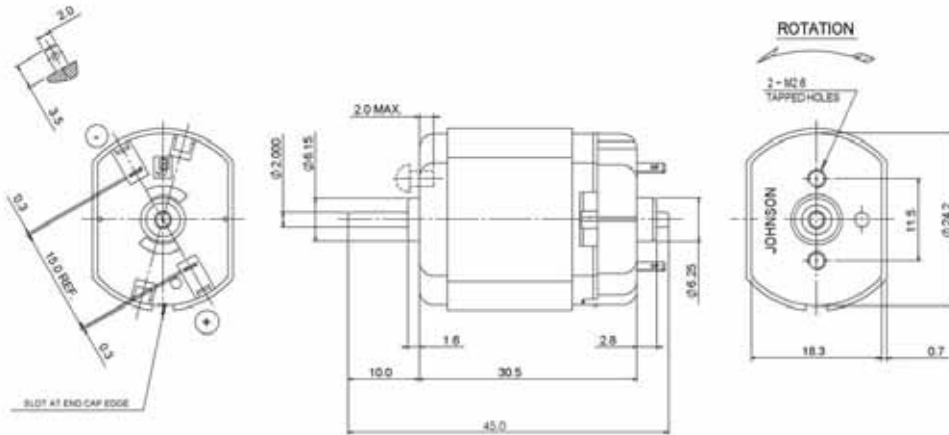
Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	0.18	9.00	1.30	4.50
Efficiency (%)	-	-	70	40
Output Power (W)	-	-	2.00	5.00
Speed (rpm)	7000	-	6000	3500
Torque (mNm)	-	26.00	3.00	13.00

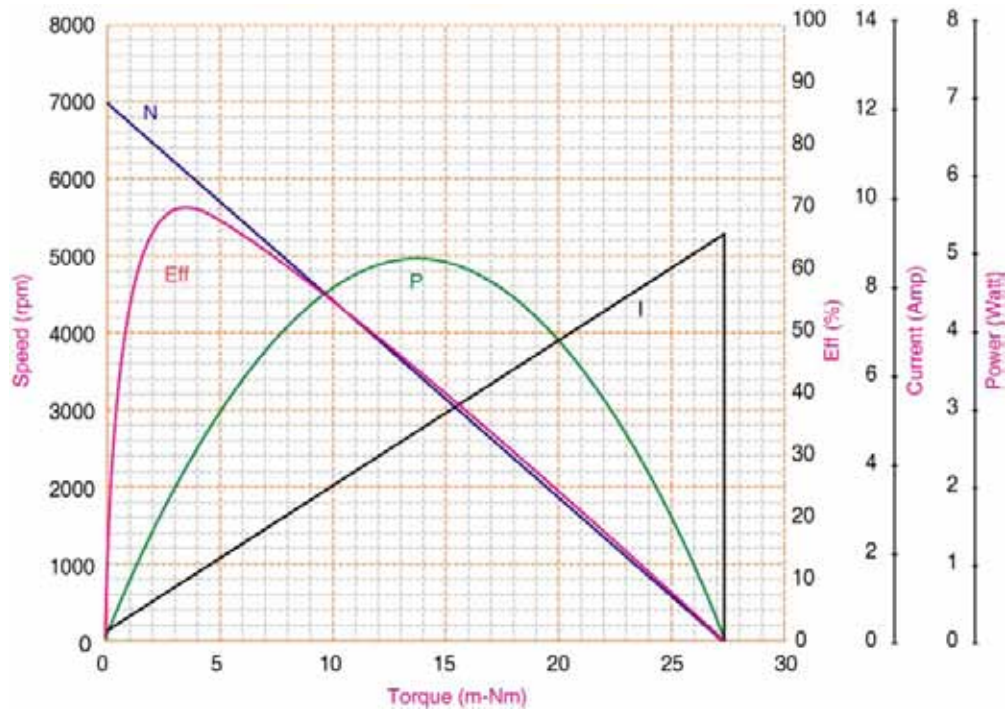
Application Examples:

Hair Clipper, Trimmer

Drawing:



Performance Curves:



Units in Metric

Ø 20.0 – 24.9 mm