

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	: 1.2 V DC
No Load Speed	: 7800 rpm
No Load Current	: 0.40 A
Nominal Speed	: 7000 rpm
Nominal Torque	: 1.50 mNm
Nominal Current	: 1.50 A
Stall Torque	: 12.00 mNm
Stall Current	: 10.00 A
Maximum Output Power	: 2.50 W
Maximum Efficiency	: 60 %
Torque at Maximum Efficiency	: 2.00 mNm
Speed at Maximum Efficiency	: 6500 rpm
Life (typical)	: 100 hr
Weight	: 35 g
Operation Temperature	: -10 to 55 °C
Storage Temperature	: -20 to 80 °C
Electrical Connection	: terminals



Ø 20.0 – 24.9 mm

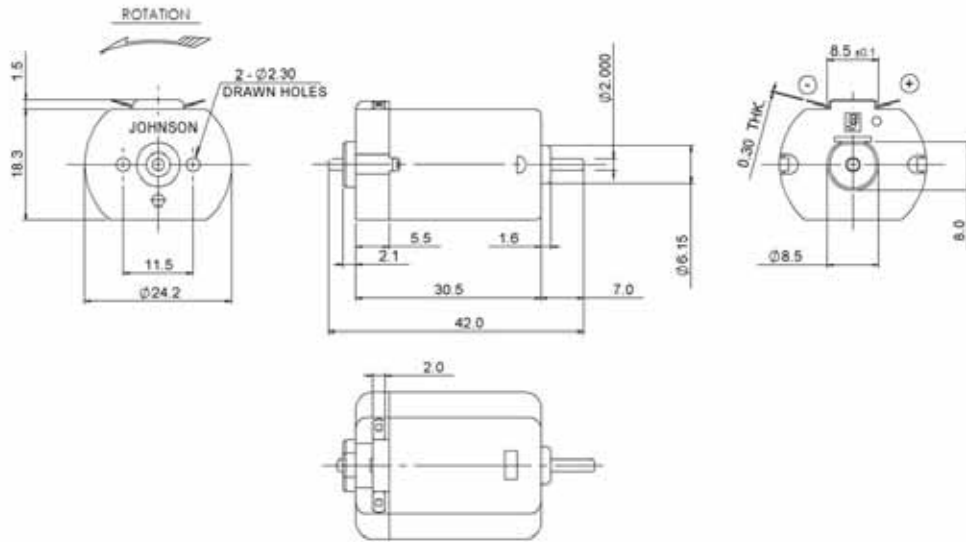
Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	0.40	10.00	2.00	5.00
Efficiency (%)	-	-	60	40
Output Power (W)	-	-	1.50	2.50
Speed (rpm)	7800	-	6500	4000
Torque (mNm)	-	12.00	2.00	6.00

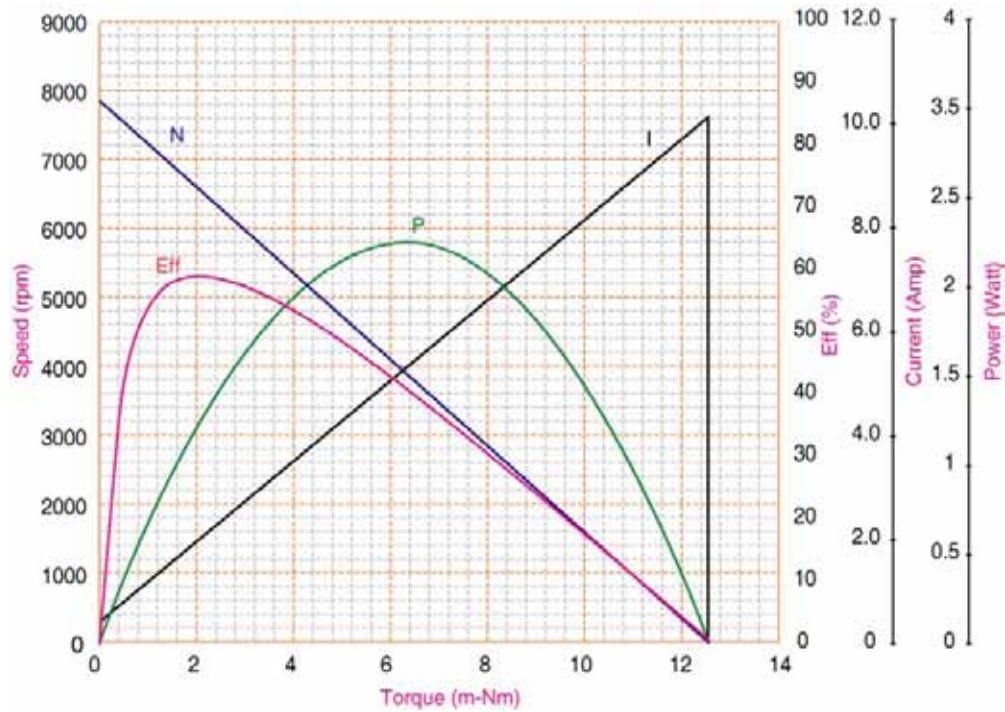
Application Examples:

Hair Clipper, Trimmer

Drawing:



Performance Curves:



Units in Metric

Ø 20.0 – 24.9 mm