

Characteristics:

High power DC motor

Specifications:

Dimensions	: Ø 27.5 X 46.5 mm
Shaft Diameter	: Ø 2.305 mm
Input Voltage	: 2.5 V DC
No Load Speed	: 2460 rpm
No Load Current	: 0.23 A
Nominal Speed	: 1960 rpm
Nominal Torque	: 6.40 mNm
Nominal Current	: 0.93 A
Stall Torque	: 32.00 mNm
Stall Current	: 3.70 A
Maximum Output Power	: 2.00 W
Maximum Efficiency	: 56%
Torque at Maximum Efficiency	: 6.40 mNm
Speed at Maximum Efficiency	: 1960 rpm
Life (Typical)	: 250 hr
Weight	: 110 g
Operating Temperature Range	: -10 to 55 °C
Storage Temperature Range	: -20 to 80 °C
Electrical Connection	: Terminals



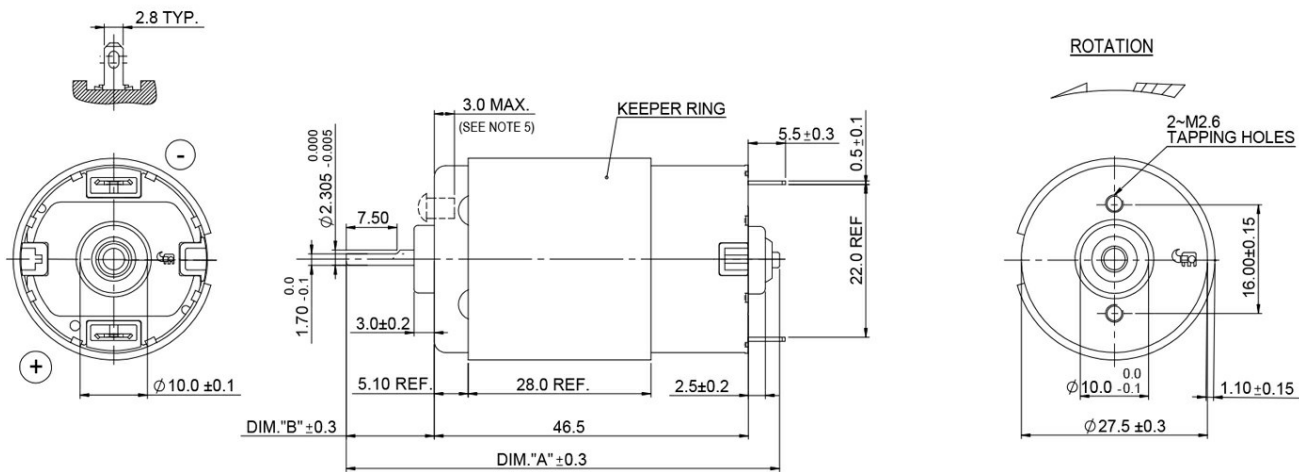
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.23	3.70	0.93	1.95
Efficiency (%)	-	-	56	42
Output Power (W)	-	-	1.30	2.00
Speed (rpm)	2460	-	1960	1230
Torque (mNm)	-	32.00	6.40	15.80

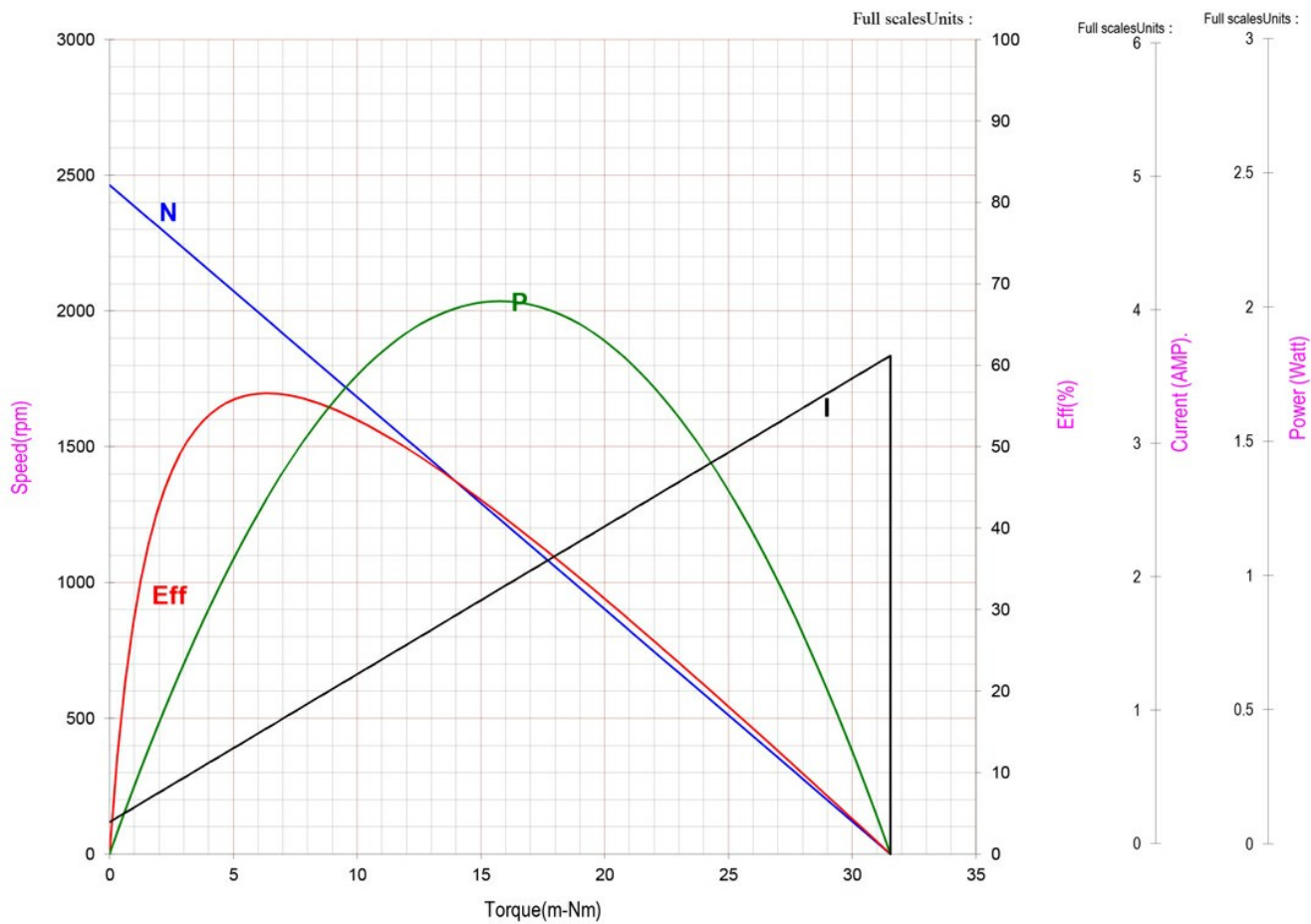
Application Examples:

Window Shutters

Outline Drawing:



Performance Curves:



Units in Metric