

Characteristics:

High torque DC motor

Specifications:

Dimensions	: Ø 48.0 X 68.0 mm
Shaft Diameter	: Ø 5.005 mm
Input Voltage	: 21.6 V DC
No Load Speed	: 21300 rpm
No Load Current	: 4.20 A
Nominal Speed	: 18500 rpm
Nominal Torque	: 240.00 mNm
Nominal Current	: 27.00 A
Stall Torque	: 1762.00 mNm
Stall Current	: 169.00 A
Maximum Output Power	: 987.00 W
Maximum Efficiency	: 80%
Torque at Maximum Efficiency	: 240.00 mNm
Speed at Maximum Efficiency	: 18500 rpm
Life (Typical)	: 50 hr
Weight	: 490 g
Operating Temperature Range	: -10 to 55 °C
Storage Temperature Range	: -20 to 80 °C
Electrical Connection	: Terminals



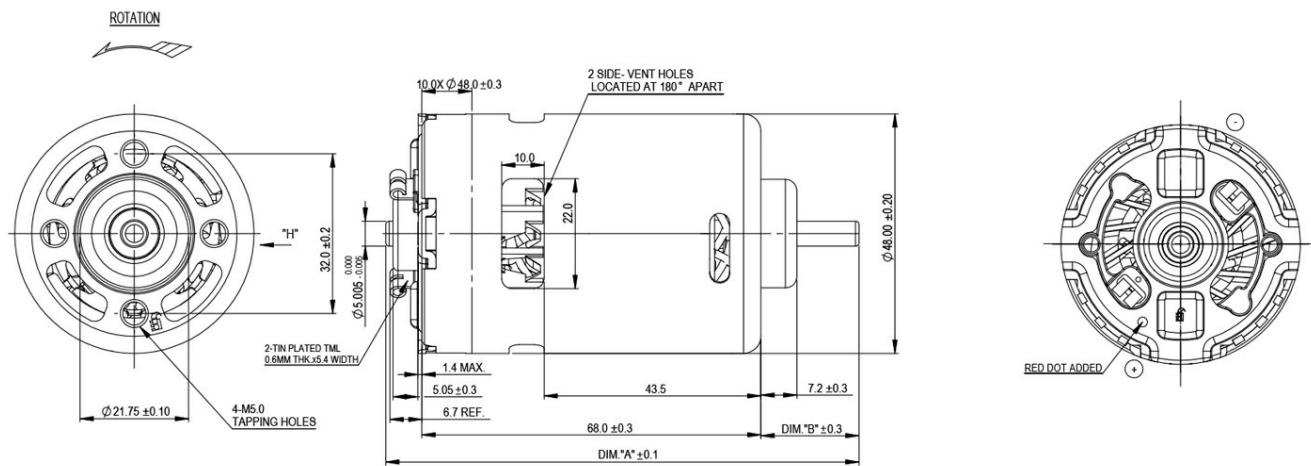
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	4.20	169.00	27.00	87.00
Efficiency (%)	-	-	80	53
Output Power (W)	-	-	465.00	987.00
Speed (rpm)	21300	-	18500	10700
Torque (mNm)	-	1762.00	240.00	881.00

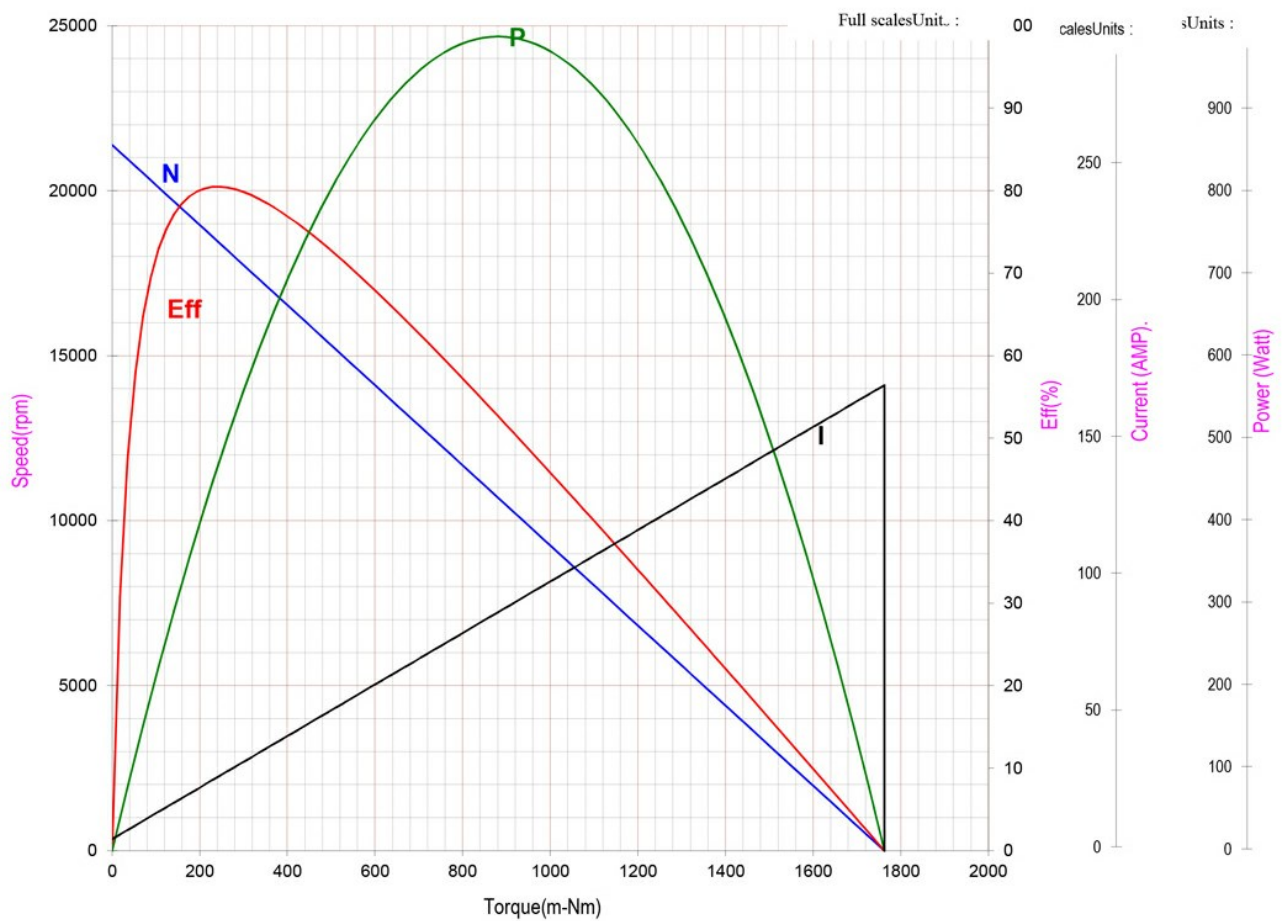
Application Examples:

Power Tools

Outline Drawing:



Performance Curves:



Units in Metric