

Characteristics:

High torque DC motor

Specifications:

Dimensions	: Ø 46.6 X 53 mm
Shaft Diameter	: Ø 5.005 mm
Input Voltage	: 18.0 V DC
No Load Speed	: 21000 rpm
No Load Current	: 4.00 A
Nominal Speed	: 18000 rpm
Nominal Torque	: 180.00 mNm
Nominal Current	: 25.00 A
Stall Torque	: 1265.00 mNm
Stall Current	: 151.00 A
Maximum Output Power	: 693.00 W
Maximum Efficiency	: 75%
Torque at Maximum Efficiency	: 180.00 mNm
Speed at Maximum Efficiency	: 18000 rpm
Life (Typical)	: 100 hr
Weight	: 330 g
Operating Temperature Range	: -10 to 55 °C
Storage Temperature Range	: -20 to 80 °C
Electrical Connection	: Leadwires



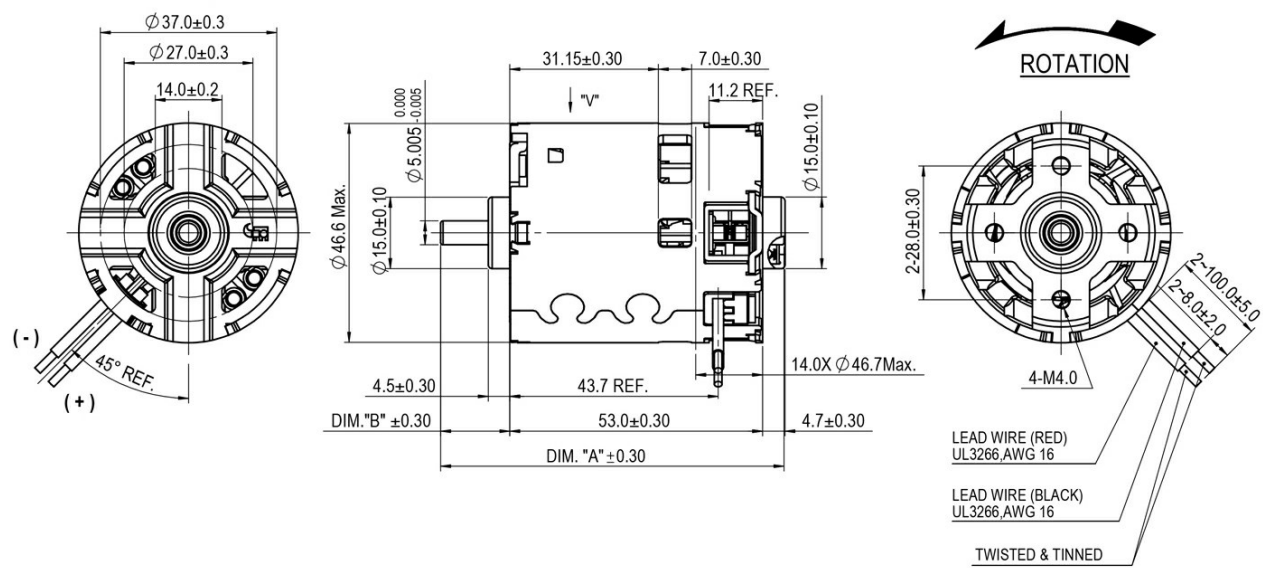
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	4.00	151.00	25.00	77.60
Efficiency (%)	-	-	75	50
Output Power (W)	-	-	338.00	693.00
Speed (rpm)	21000	-	18000	10500
Torque (mNm)	-	1265.00	180.00	633.00

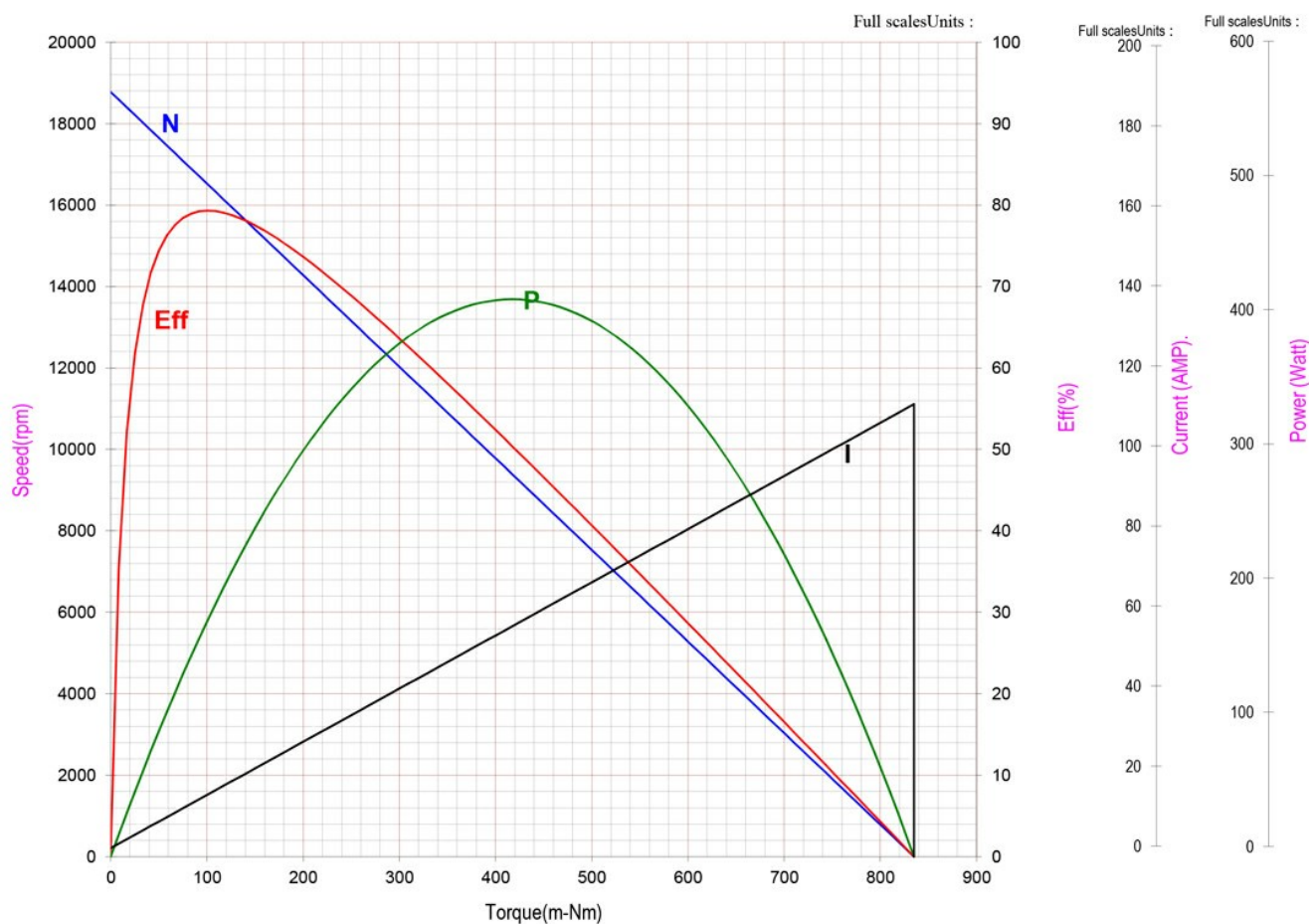
Application Examples:

Power Tools

Outline Drawing:



Performance Curves:



Units in Metric