

Characteristics:

High Power DC motor

Specifications:

Dimensions	: Ø 42.3 X 67.0 mm
Shaft Diameter	: Ø 5.005 mm
Input Voltage	: 18.0 V DC
No Load Speed	: 20950 rpm
No Load Current	: 2.90 A
Stall Torque	: 1175.03 mNm
Stall Current	: 138.64 A
Maximum Output Power	: 644.74 W
Maximum Efficiency	: 78 %
Speed at Maximum Efficiency	: 18300 rpm
Life (typical)	: 18 hr
Weight	: 380 g
Operation Temperature	: -10 to 55 °C
Storage Temperature	: -20 to 80 °C
Electrical Connection	: Terminal



Ø 40.0 – 44.9 mm

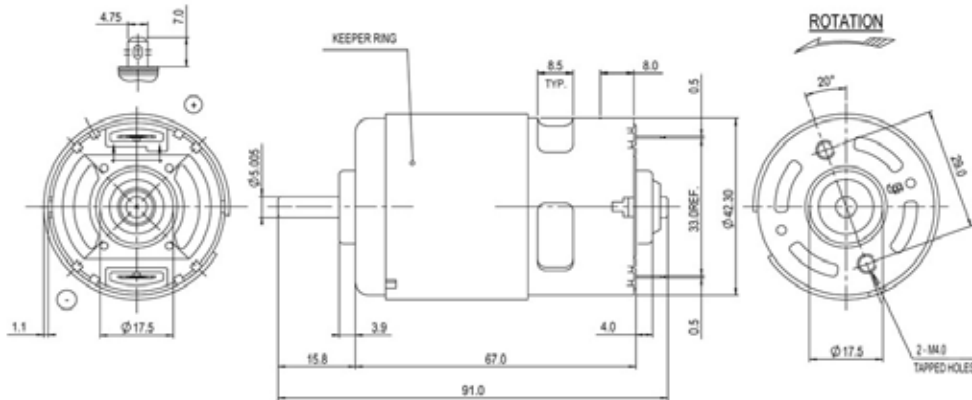
Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	2.90	138.64	19.99	70.76
Efficiency (%)	-	-	78	50
Output Power (W)	-	-	-	644.74
Speed (rpm)	20950	-	18310	10475
Torque (mNm)	-	1175.03	148.10	587.51

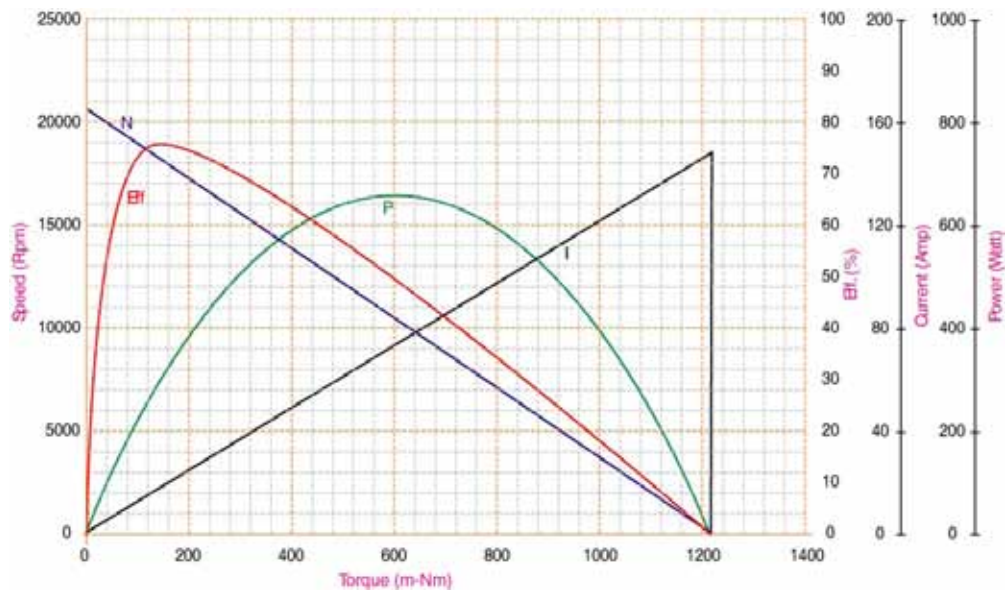
Application Examples:

Drills, Power Equipment

Drawing:



Performance Curves:



Units in Metric

Ø 40.0 – 44.9 mm