

Characteristics:

High Power DC motor

Specifications:

Dimensions	: Ø 48.0 X 50.5 mm
Shaft Diameter	: Ø 5.005 mm
Input Voltage	: 18.0 V DC
No Load Speed	: 19600 rpm
No Load Current	: 2.80 A
Stall Torque	: 1055.00 mNm
Stall Current	: 101.00 A
Maximum Output Power	: 542.00 W
Maximum Efficiency	: 66 %
Speed at Maximum Efficiency	: 16800 rpm
Life (typical)	: 32 hr
Weight	: 325 g
Operation Temperature	: -10 to 55 °C
Storage Temperature	: -20 to 80 °C
Electrical Connection	: Lead wire



Performance Data:

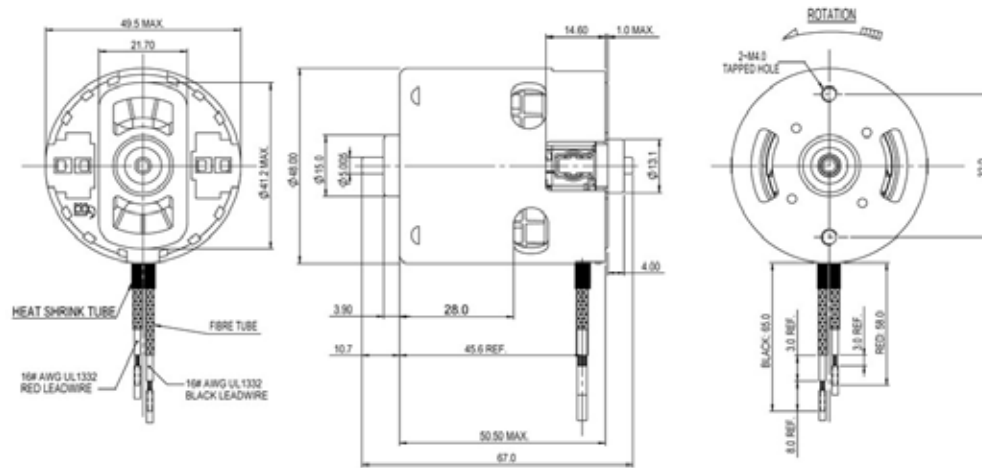
	No Load	Stall	Max Efficiency	Max Power
Current (A)	2.80	101.00	24.37	66.60
Efficiency (%)	-	-	66	42
Output Power (W)	-	-	280.69	542.00
Speed (rpm)	19600	-	16557	9934
Torque (mNm)	-	1055.00	161.96	485.89

Application Examples:

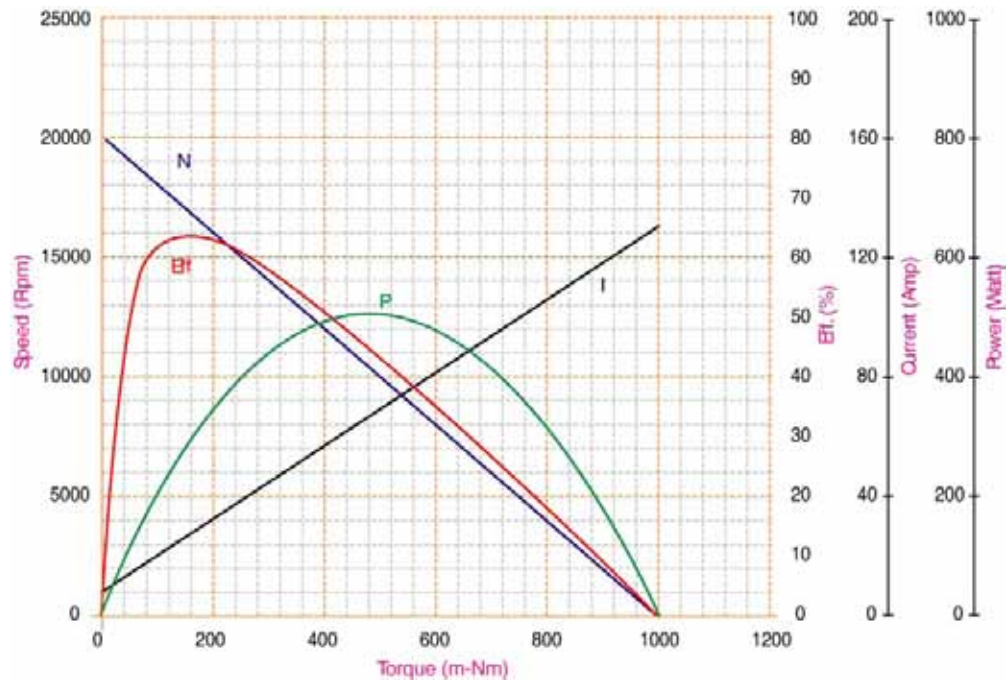
Drills, Power Equipment

Ø 45.0 – 49.9 mm

Drawing:



Performance Curves:



Units in Metric

Ø 45.0 – 49.9 mm