

Characteristics:

High Power DC motor

Specifications:

Dimensions	: Ø 48.0 X 50.5 mm
Shaft Diameter	: Ø 4.005 mm
Input Voltage	: 18.0 V DC
No Load Speed	: 20281 rpm
No Load Current	: 2.29 A
Stall Torque	: 656.64 mNm
Stall Current	: 82.49 A
Maximum Output Power	: 348.79 W
Maximum Efficiency	: 69 %
Speed at Maximum Efficiency	: 17385 rpm
Weight	: 313 g
Operation Temperature	: -10 to 55 °C
Storage Temperature	: -20 to 80 °C
Electrical Connection	: Lead wire



Performance Data:

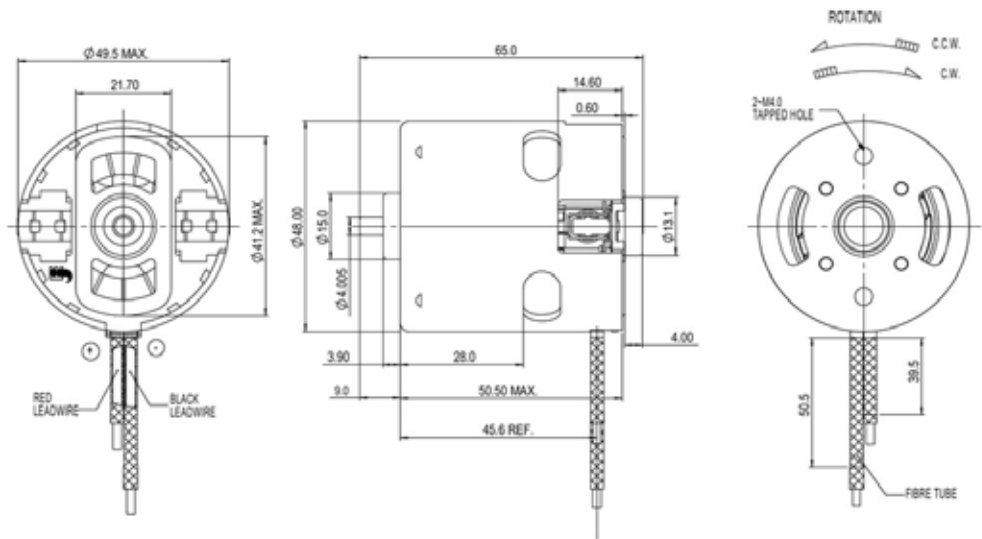
	No Load	Stall	Max Efficiency	Max Power
Current (A)	2.29	82.49	13.74	42.39
Efficiency (%)	-	-	69	45
Output Power (W)	-	-	170.80	348.79
Speed (rpm)	20281	-	17385	10141
Torque (mNm)	-	656.64	93.78	328.32

Application Examples:

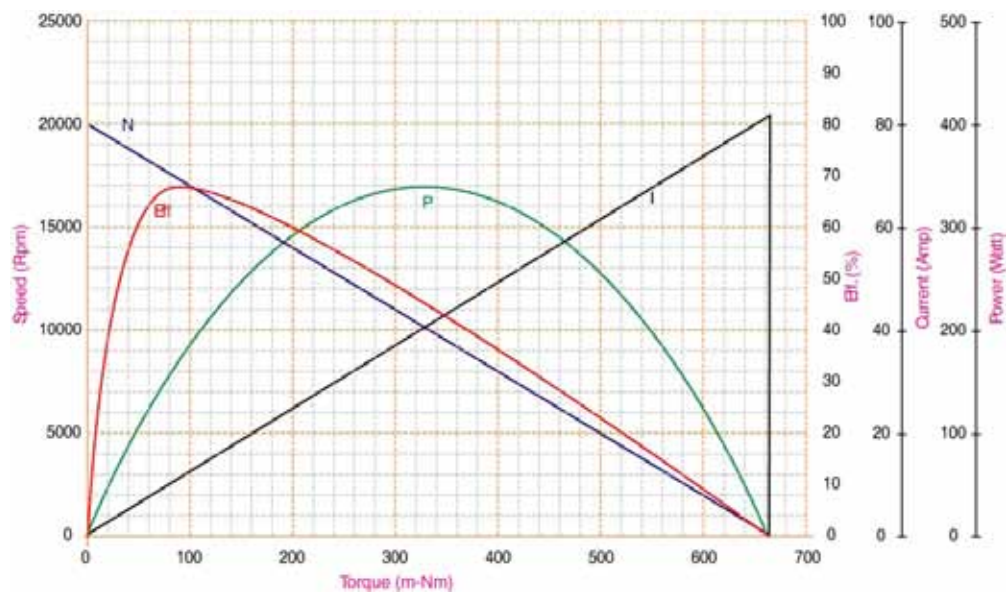
Drills, Power Equipment

Ø 45.0 – 49.9 mm

Drawing:



Performance Curves:



Units in Metric

Ø 45.0 – 49.9 mm