

Characteristics:

High torque HVDC motor

Specifications:

Dimensions	: Ø 44.7 mm
Length	: 75.60 mm
Input Voltage	: 120.0 V AC
Shaft Diameter	: Ø 5.005 mm
No Load Speed	: 12000 rpm
No Load Current	: 0.33 A
Nominal Speed	: 8800 rpm
Nominal Torque	: 85.50 mNm
Nominal Current	: 1.30 A
Life (Typical)	: 300 hr
Weight	: 420 g
Operating Temperature Range	: -10 to 55 °C
Storage Temperature Range	: -20 to 80 °C
Electrical Connection	: Leadwires
Certification	: UL E60303

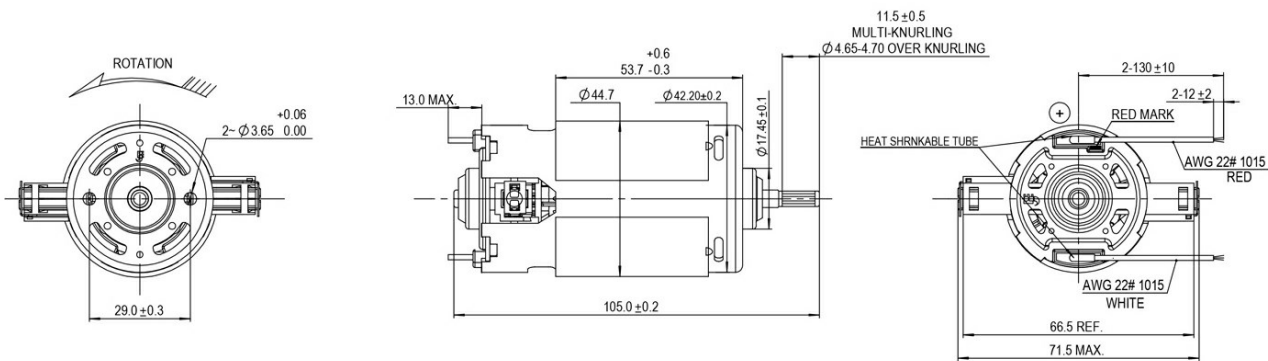
**Performance Data:**

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.33	-	1.30	2.34
Efficiency (%)	-	-	56	44
Output Power (W)	-	-	80.00	117.00
Speed (rpm)	12000	-	8800	5800
Torque (mNm)	-	-	85.50	195.00

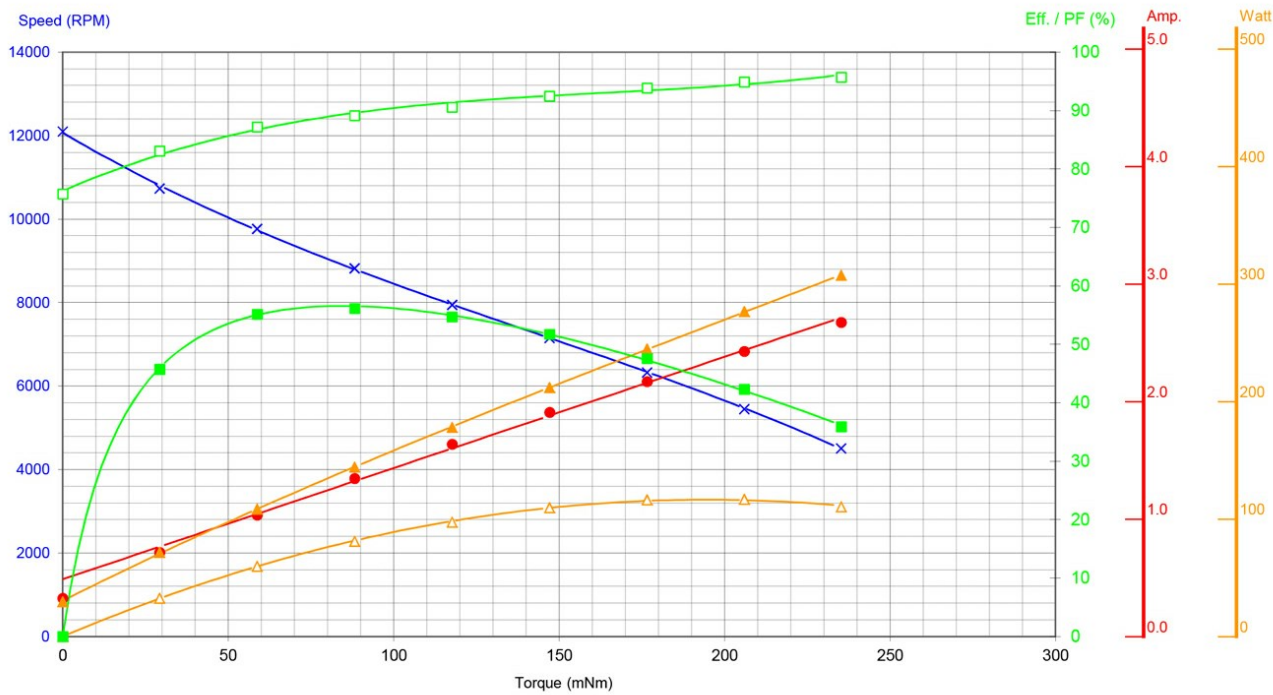
Application Examples:

Brush Roll and Power Brushes

Outline Drawing:



Performance Curves:



Units in Metric