

Characteristics:

High Power HVDC motor

Specifications:

Dimensions	: Ø 42.5 X 66.0 mm
Shaft Diameter	: Ø 5.005 mm
Input Voltage	: 100.0 V DC
Rectified	: Rectified
No Load Speed	: 18121 rpm
Maximum Efficiency	: 63%
Maximum Output Power	: 131.02 W
Torque at Maximum Efficiency	: 58.25 mNm
Speed at Maximum Efficiency	: 13481 rpm
Weight	: 290 g
Operating Temperature Range	: -10 to 50 °C
Storage Temperature Range	: -20 to 80 °C
Electrical Connection	: Terminals

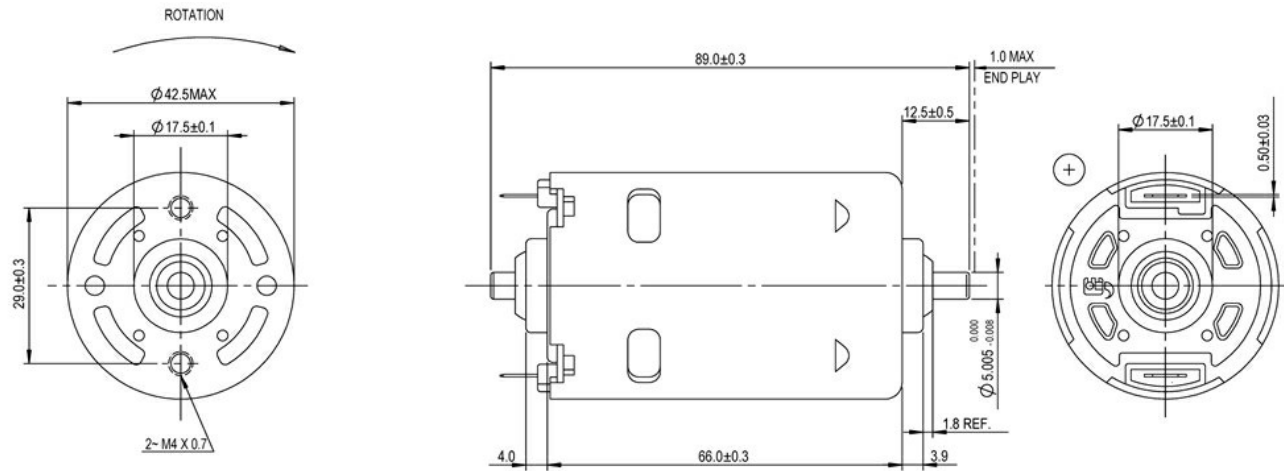
**Performance Data:**

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.32	-	1.48	3.17
Efficiency (%)	-	-	63	-
Output Power (W)	-	-	82.62	131.02
Speed (rpm)	18121	-	13481	8700
Torque (mNm)	-	-	58.25	145.10

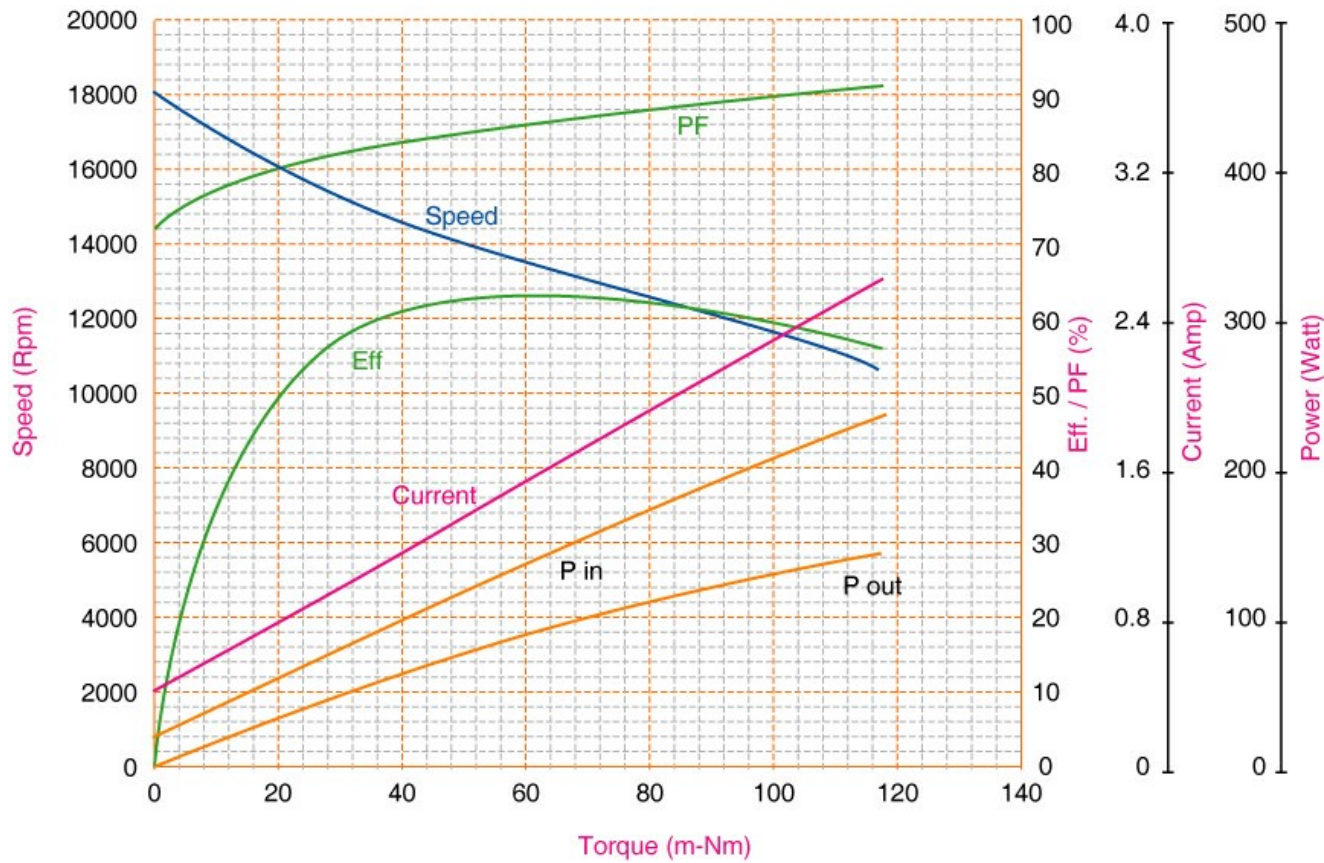
Application Examples:

Hedge Trimmers

Outline Drawing:



Performance Curves:



Units in Metric