

Characteristics:

High stall torque, Long life, High reliability

Specifications:

Dimensions	: Ø 54.0 X 110.0 mm
Shaft Diameter	: Ø 8.000 mm
Input Voltage	: 12.0 V DC
No Load Speed	: 5500 rpm
No Load Current	: 1.30 A
Nominal Speed	: 4125 rpm
Nominal Torque	: 0.25 mNm
Nominal Current	: 15.00 A
Stall Torque	: 1000.00 mNm
Stall Current	: 55.00 A
Torque Constant	: 20.41 mNm/A
Dynamic Resistance	: 0.22 Ω
Motor Regulation	: 5 rpm/mNm
Maximum Output Power	: 150.00 W
Maximum Efficiency	: 67%
Pole Number	: 2
Life Test Condition	: -40 to 120 °C
Weight	: 950 g
Operating Temperature Range	: -40 to 120 °C
Storage Temperature Range	: -40 to 140 °C
Electrcial Connection	: Electrical Connection

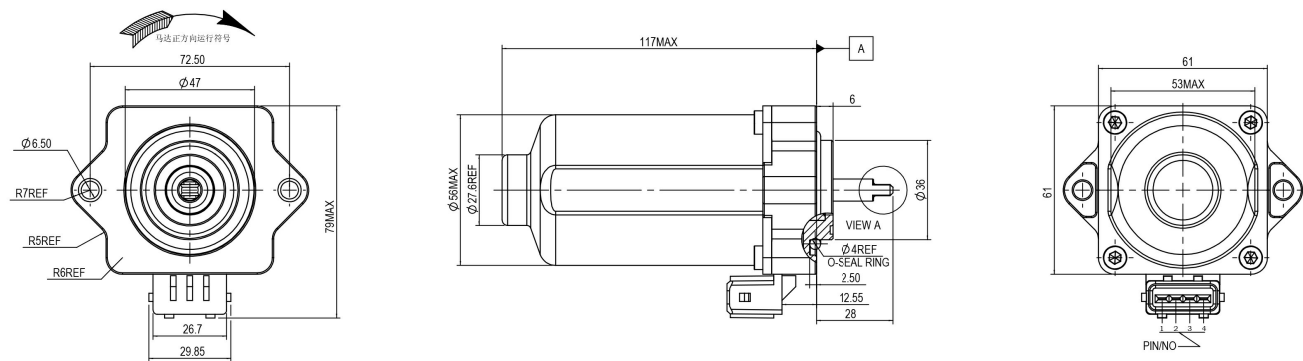
**Performance Data:**

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	1.30	55.00	9.77	27.41
Efficiency (%)	-	-	67	47
Output Power (W)	-	-	78.82	150.00
Speed (rpm)	5500	-	4633	2744
Torque (mNm)	-	1000.00	162.37	521.80

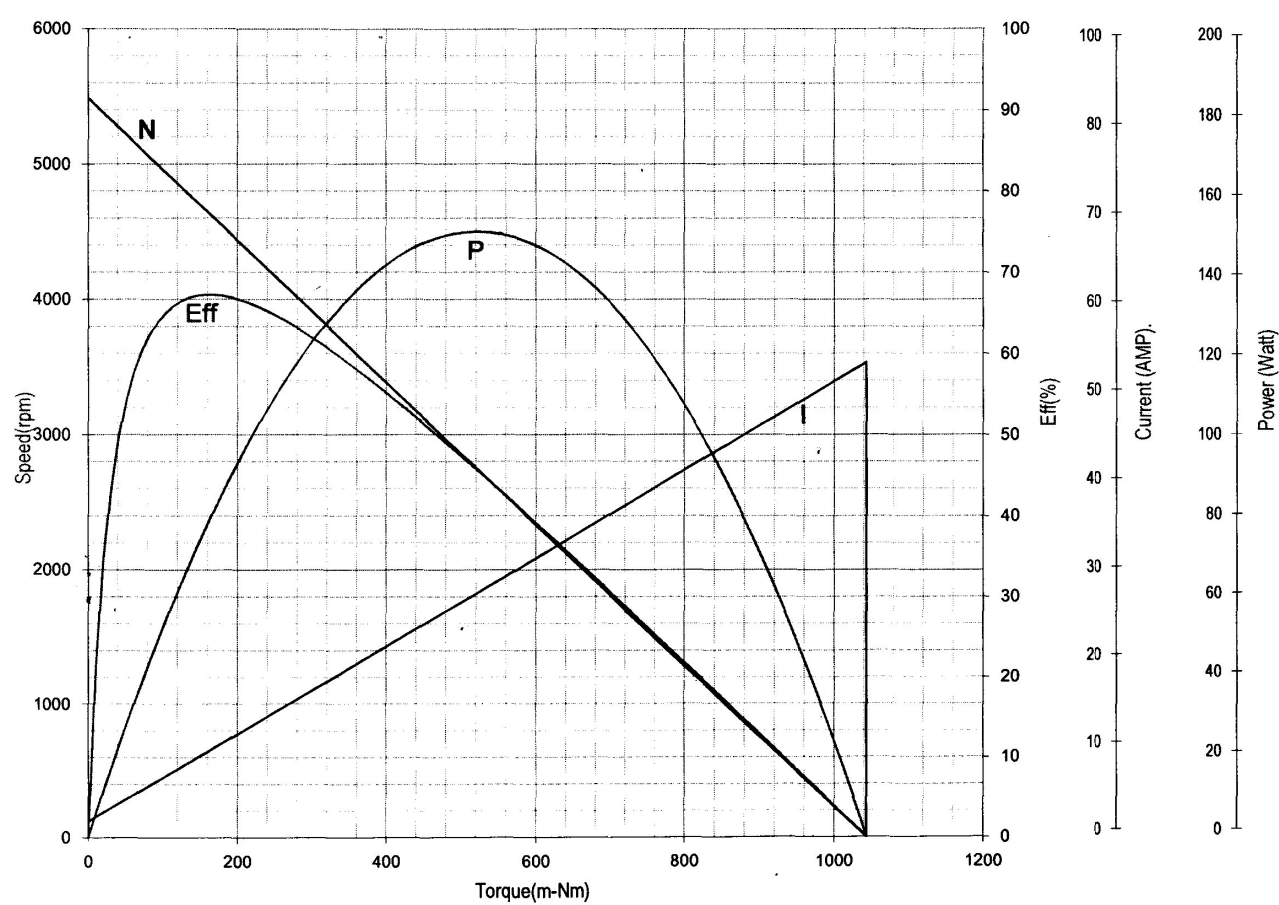
Application Examples:

Automated Manual Transmission, Dual Clutch Transmission

Outline Drawing:



Performance Curves:



Units in Metric