

Characteristics:

High stall torque, Long life, High reliability

Specifications:

Dimensions	: Ø 2.12598 X 4.3307 in
Shaft Diameter	: Ø 0.315 in
Input Voltage	: 12.0 V DC
No Load Speed	: 5500 rpm
No Load Current	: 1.30 A
Nominal Speed	: 4125 rpm
Nominal Torque	: 0.00 lb.in
Nominal Current	: 15.00 A
Stall Torque	: 8.85 lb.in
Stall Current	: 55.00 A
Torque Constant	: 20.41 lb.in/A
Dynamic Resistance	: 0.22 Ω
Motor Regulation	: 5 rpm/lb.in
Maximum Output Power	: 0.20
Maximum Efficiency	: 67%
Pole Number	: 2
Life Test Condition	: -40 to 120 °C
Weight	: 34 oz
Operating Temperature Range	: -40 to 248 °F
Storage Temperature Range	: -40 to 284 °F
Electrcial Connection	: Electrical Connection

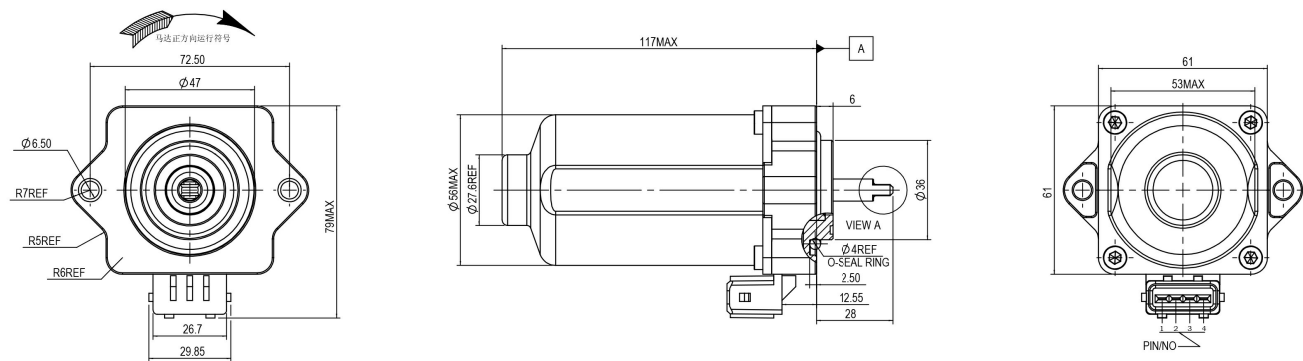
**Performance Data:**

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	1.30	55.00	9.77	27.41
Efficiency (%)	-	-	67	47
Output Power (hp)	-	-	0.11	0.20
Speed (rpm)	5500	-	4633	2744
Torque (Lb.in)	-	8.85	1.44	4.62

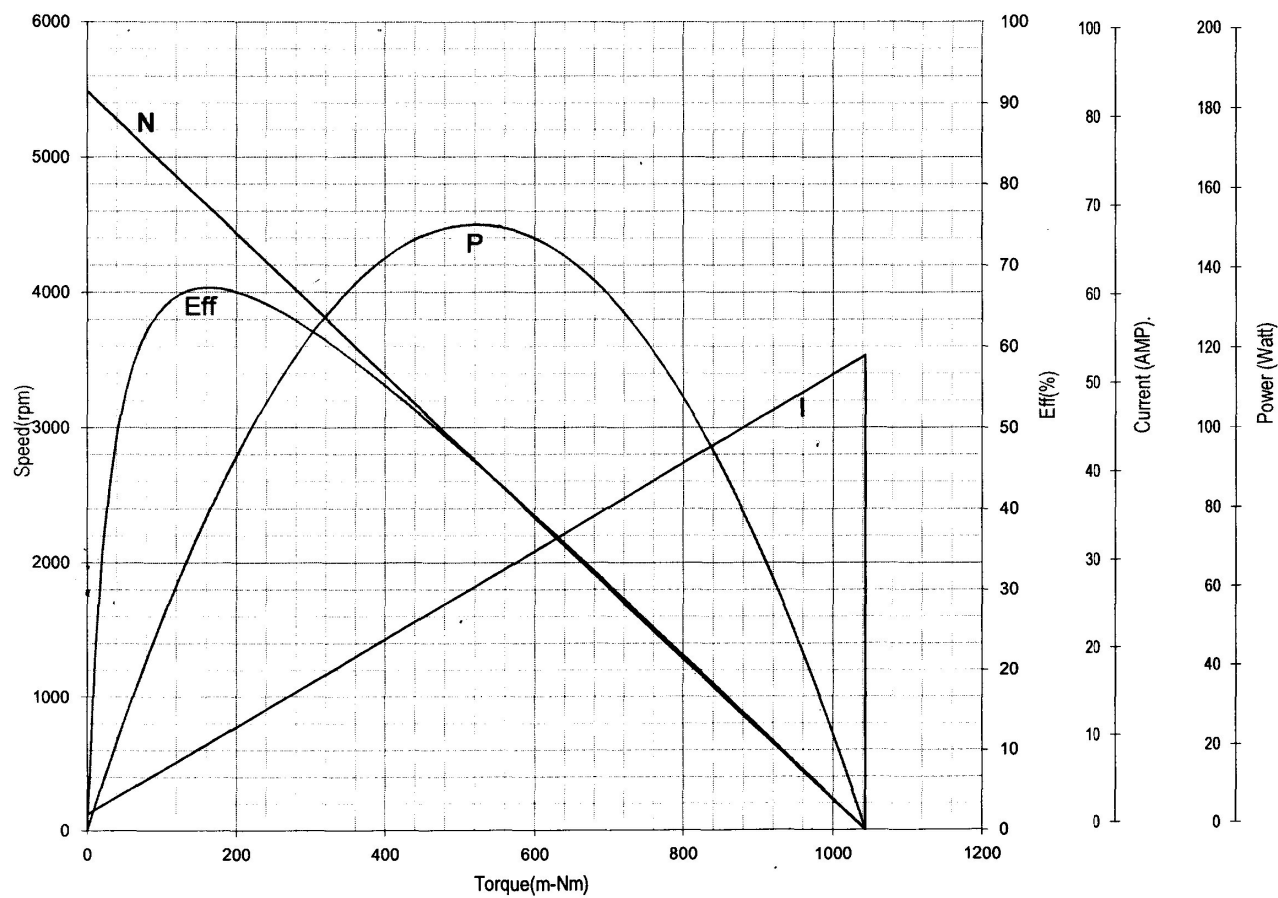
Application Examples:

Automated Manual Transmission, Dual Clutch Transmission

Outline Drawing:



Performance Curves:



Units in Metric