

Characteristics:

Highly reliable, Long life, Fast response

Specifications:

Dimensions	: Ø 35.8 X 57.0 mm
Shaft Diameter	: Ø 4.005 mm
Input Voltage	: 13.5 V DC
No Load Speed	: 4103 rpm
No Load Current	: 0.24 A
Nominal Speed	: 3336 rpm
Nominal Torque	: 23.98 mNm
Nominal Current	: 1.06 A
Stall Torque	: 128.28 mNm
Stall Current	: 4.59 A
Maximum Output Power	: 13.78 W
Maximum Efficiency	: 59%
Weight	: 167 g
Operating Temperature Range	: -40 to 140 °C
Storage Temperature Range	: -40 to 140 °C



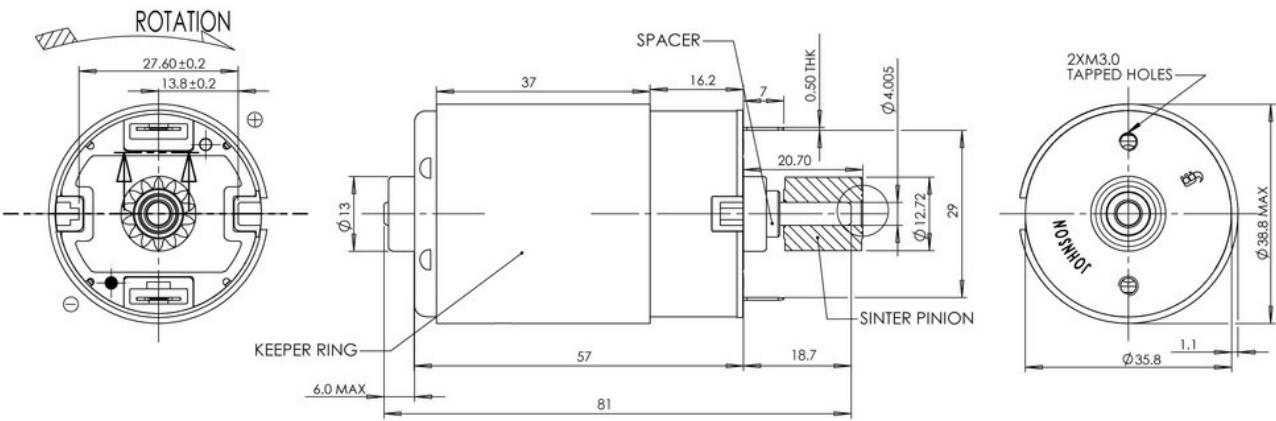
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.24	4.59	1.06	2.42
Efficiency (%)	-	-	59	42
Output Power (W)	-	-	8.38	13.78
Speed (rpm)	4103	-	3336	2052
Torque (mNm)	-	128.28	23.98	64.14

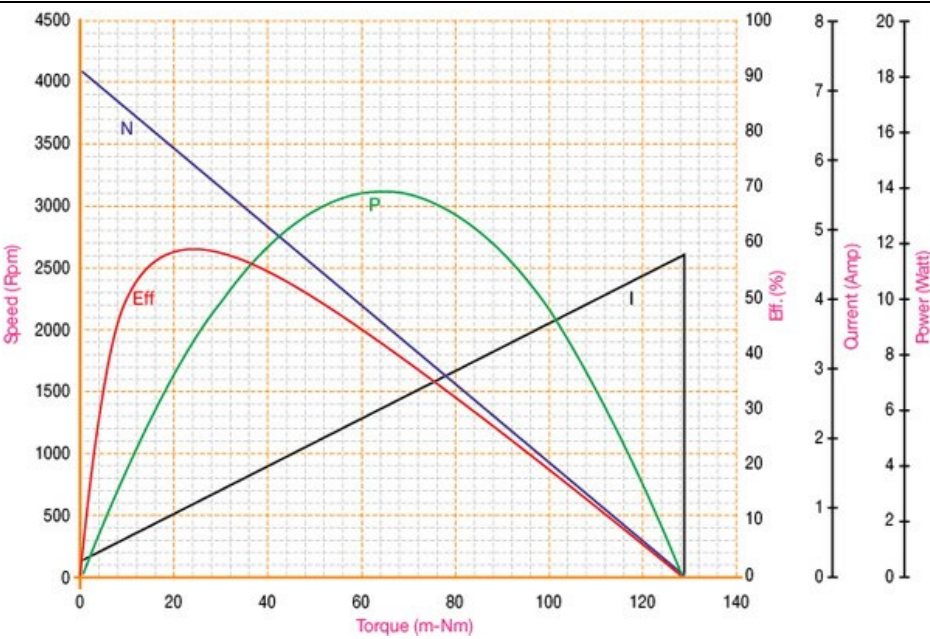
Application Examples:

Exhaust Gas Recirculation, Turbo Wastegate

Outline Drawing:



Performance Curves:



Units in Metric