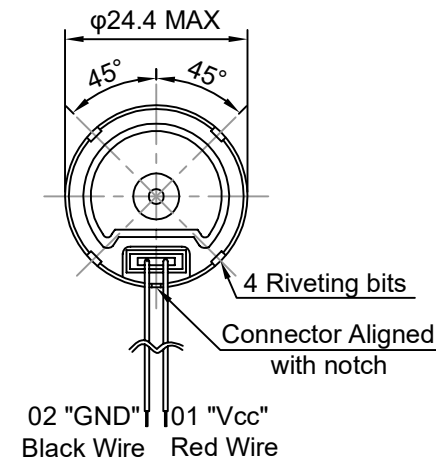
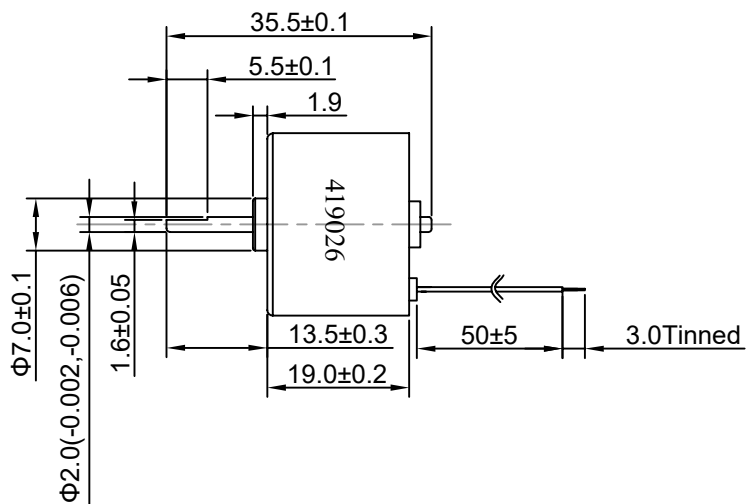
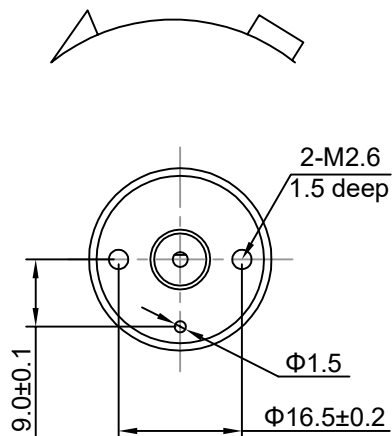


Direction of Rotation



No.	Item	Specification	No.	Item	Specification
1	Rated Voltage	12V DC	7	Rated Load	20g.cm
2	Voltage Range	8-15.0V DC	8	Shaft end play	0.3mm Max
3	No Load Current	0.07A Max	9	Terminal Resistance	22.2 $\pm$ 3.3ohm
4	No Load Speed	4500 $\pm$ 10%RPM	10		
5	Rated Load Current	0.13A Max			
6	Rated Load Speed	3800 $\pm$ 10%RPM			

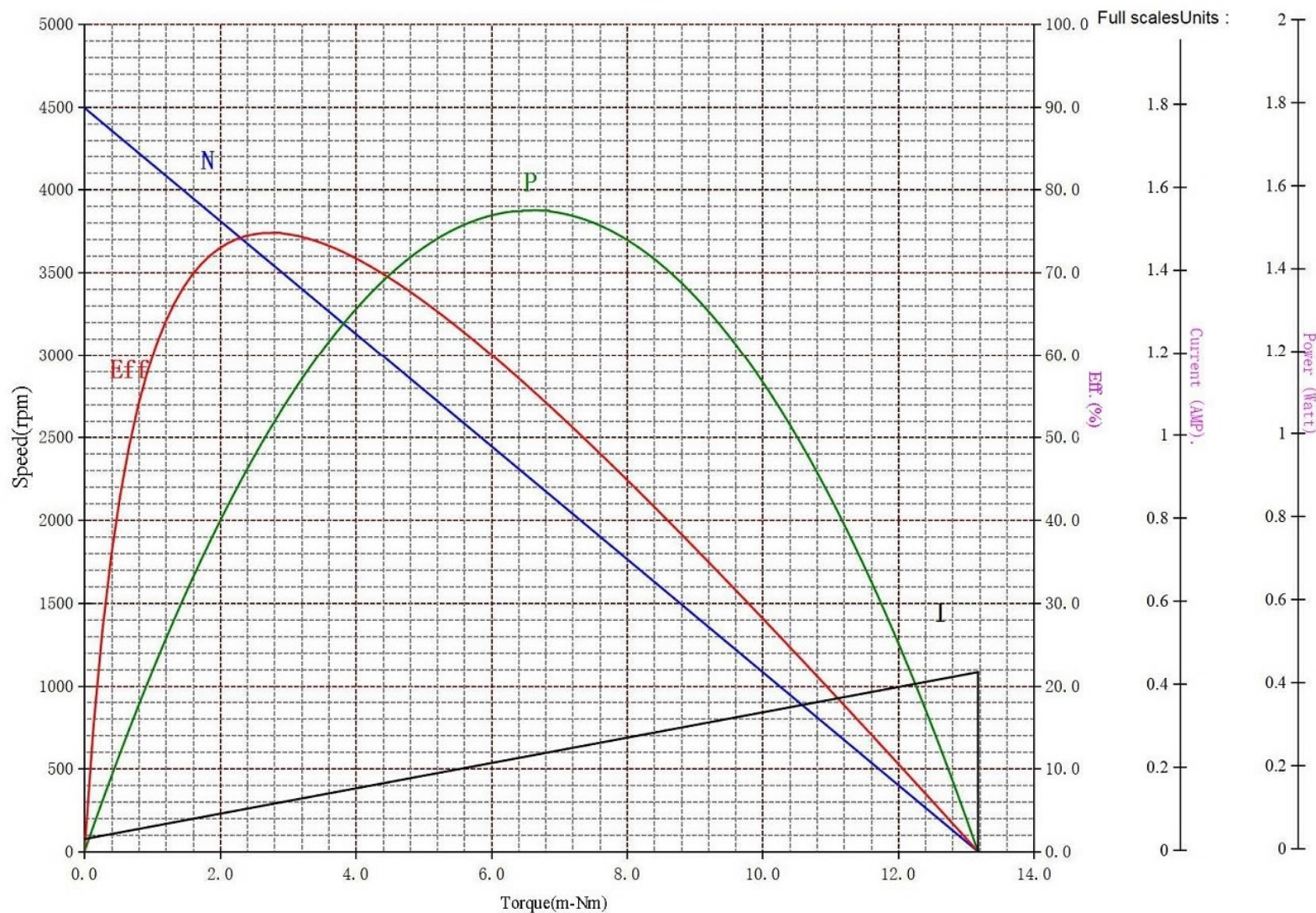
Drawn	Tony	09/19/2024	Unit: mm		
Checked	Eva	09/19/2024	Kysan Electronics www.kysanelectronics.com		
Eng Appr.					
Mfg Appr.					
Q.A.					
SKU:			Siae: A4	Weight(Kg):	
1025125			Scale		

SSO#:

Winding :

Sample Lot.:

#REF!



Performance (In an ambient temperature of 25 -30 C)

Motor tested rapidly to prevent significant temperature rise.

At a constant voltage of **12.00** Volts

With a circuit resistance **0.000** Ohms

AT No Load

Speed : 4493 Rpm

Current: 0.030 Amp

At stall (Extrapolated)

Torque : 13.177 m-Nm

Current: 0.433 Amp

At maximum efficiency

Efficiency : 74.78 %

Torque : 2.746 m-Nm

Speed : 3557 Rpm

Current : 0.114 Amp

Output : 1.023 Watts

At maximum power

Torque : 6.589 m-Nm

Speed : 2247 Rpm

Current : 0.231 Amp

Output : 1.550 Watts

Characteristics

Torque Constant : 32.700 m-Nm/Amp

E.M.F Constant : 32.700 mV/rad/sec

Dy. Resistance : 27.715 Ohms

Motor Regulation: 340.979 Rpm/m-Nm

Calculation

At Torque Level: 1.962 m-Nm

Speed : 3824 Rpm

Current : 0.090 Amp

Efficiency : 72.75 %

Output : 0.786 Watts

COMPUTER PRINT-OUT
NOMINAL MOTOR CURVES.
Performance and characteristics are
measured based on limited motor
samples only.