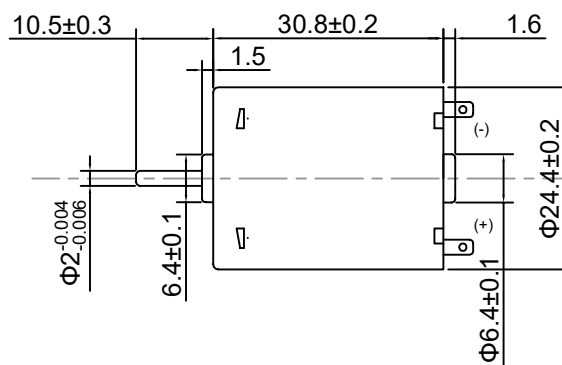
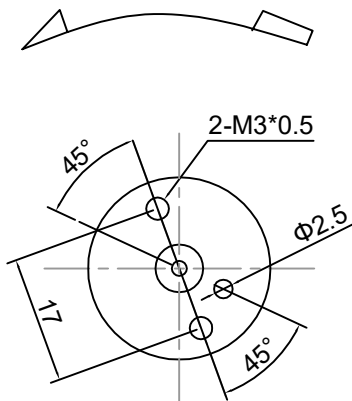
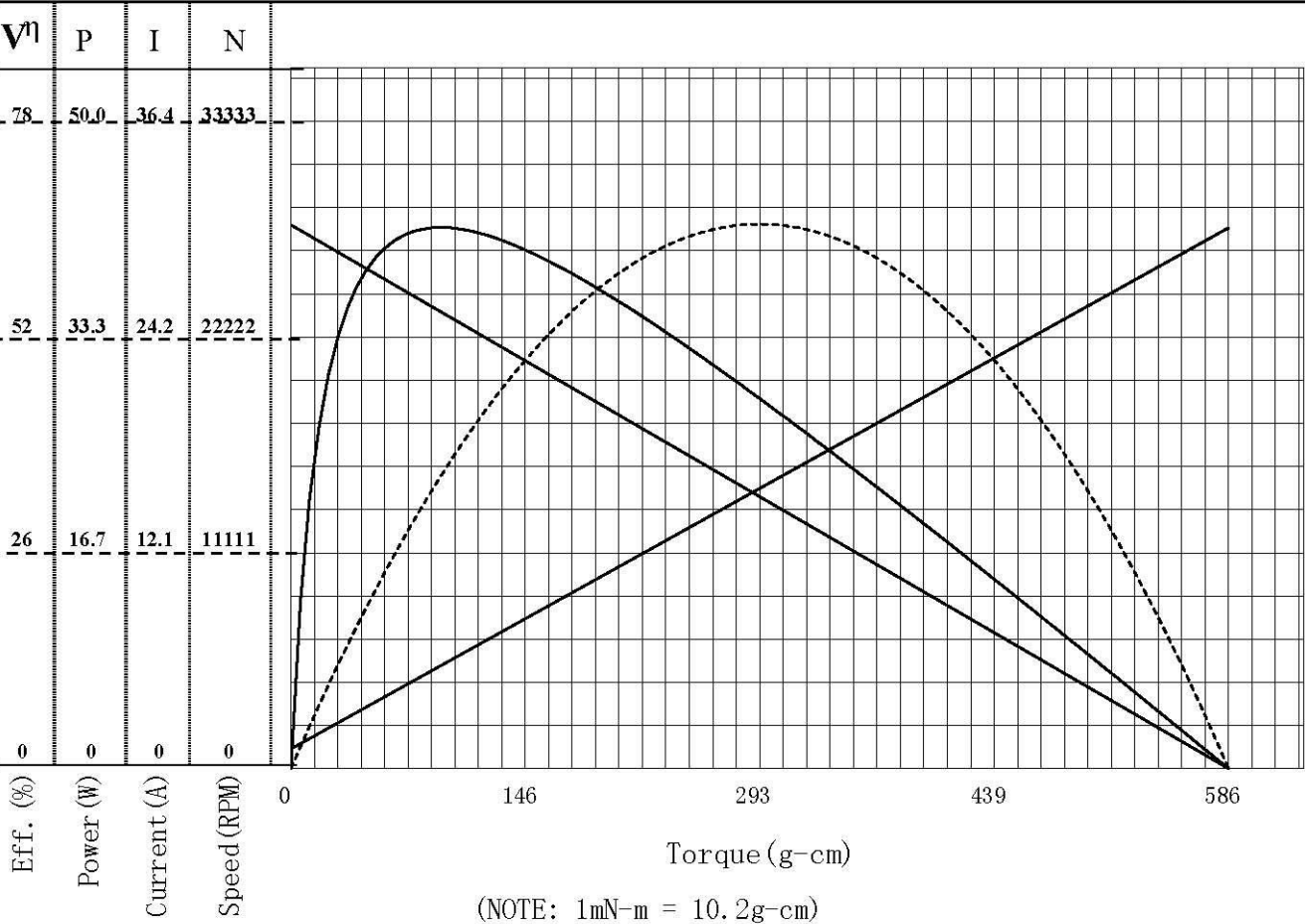


No.	Item	Specification	No.	Item	Specification
1	Rated Voltage	6.0 DC	7	Rated Load	100g-cm
2	Voltage Range	5-7V DC	8	Stall Current	40A Max
3	No Load Current	1.1A Max	9	Starting Voltage	1.0VDC Max
4	No Load Speed	28000±10%RPM	10	Starting Torque	400g-cm Min
5	Rated Load Current	6.1A Max			
6	Rated Load Speed	23219±10%RPM			

Drawn	Tony	08/05/2025	Unit: mm		
Checked	Eva	08/05/2025	Kysan Electronics www.kysanelectronics.com		
Eng Appr.					
Mfg Appr.					
Q.A.					
SKU: 1112161			Siae: A4	Weight(Kg):	
			Scale		

Sample No: _____ Customer _____ Date: _____
Model: _____ Efficiency _____
----- Power output

NOTE: Performance(in an ambient temperature of 25-30°C)
Motor tested rapidly to prevent significant temperature rise.



Constant voltage : 6.0 V_{DC}
Direction: CCW

At No Load
Speed: 28000 rpm
Current: 1.100 A

At stall (Extrapolated)
Torque: 585.7 g-cm
Current: 30.38 A

At maximum efficiency
Efficiency: 65.2 %
Torque: 93.7 g-cm
Speed: 23520 rpm
Current: 5.79 A
Output: 22.60 W

At maximum Power output
Output: 42.07 W
Torque: 292.8 g-cm
Speed: 14000 rpm
Current: 15.74 A

Issued by QA Reliability Testing Center

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

Prepared by: _____ Checked by: _____ Approved by: _____ Date: _____