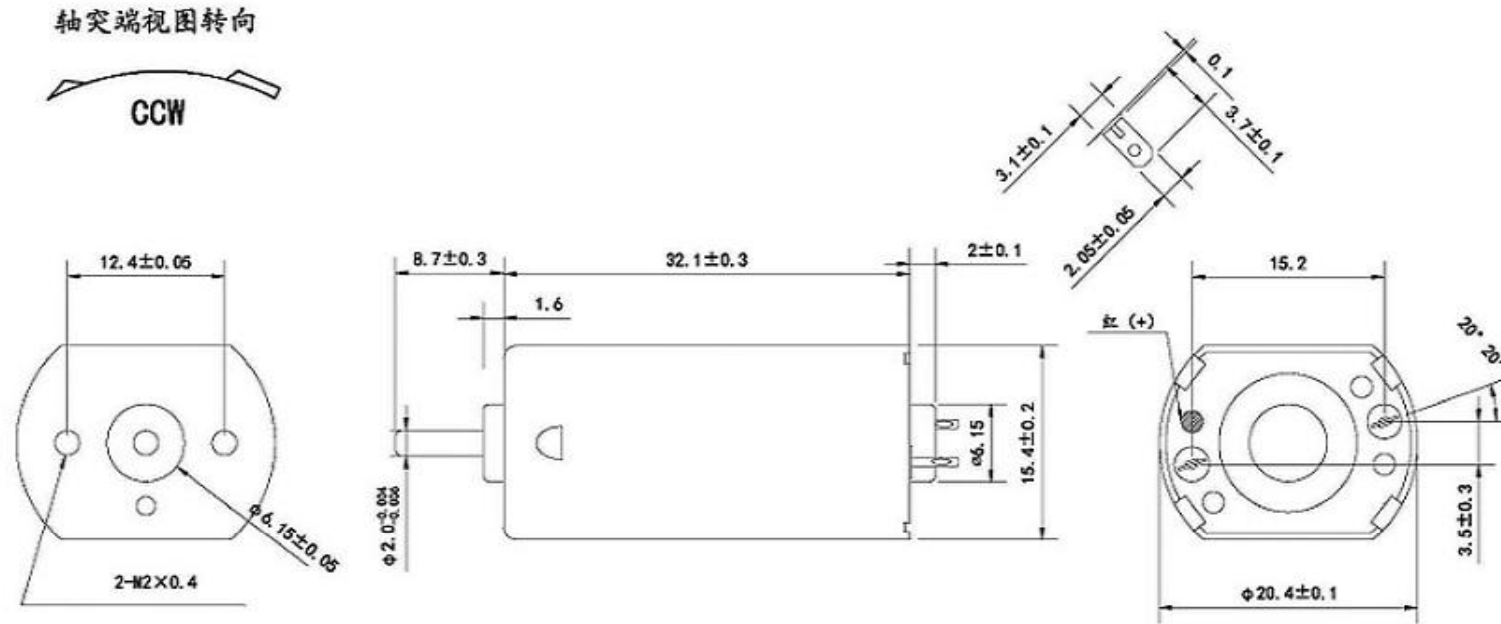


| Rev. | Description | Date |
|------|-------------|------|
| G1 | | |

DC MOTOR SPECIFICATION



| No. | Item | Specification | No. | Item | Specification |
|-----|-----------------|---------------------|-----|-----------------------|---------------|
| 1 | Rated Voltage | 6V DC | 7 | Stall Current | 2.1A |
| 2 | No Load Speed | $7800 \pm 10\%$ rpm | 8 | Stall Torque | 105g.cm |
| 3 | No Load Current | ≤ 110 mA | 9 | Direction Of Rotation | CCW |
| 4 | Rated Speed | $6400 \pm 10\%$ rpm | | | |
| 5 | Rated Current | ≤ 400 mA | | | |
| 6 | Rated Torque | 20g.cm | | | |

| Drawn | Bruce | 07/14/2022 | Unit: mm | |
|--------------|-------|------------|---|--------------|
| Checked | | | Kysan Electronics www.kysanelectronics.com info@kysanelectronics.com | |
| Eng Appr. | | | | |
| Mfg Appr. | | | | |
| Q. A. | | | | |
| SKU: 1112250 | | | Size :M4 | Weight (kg): |
| | | | Scale | |

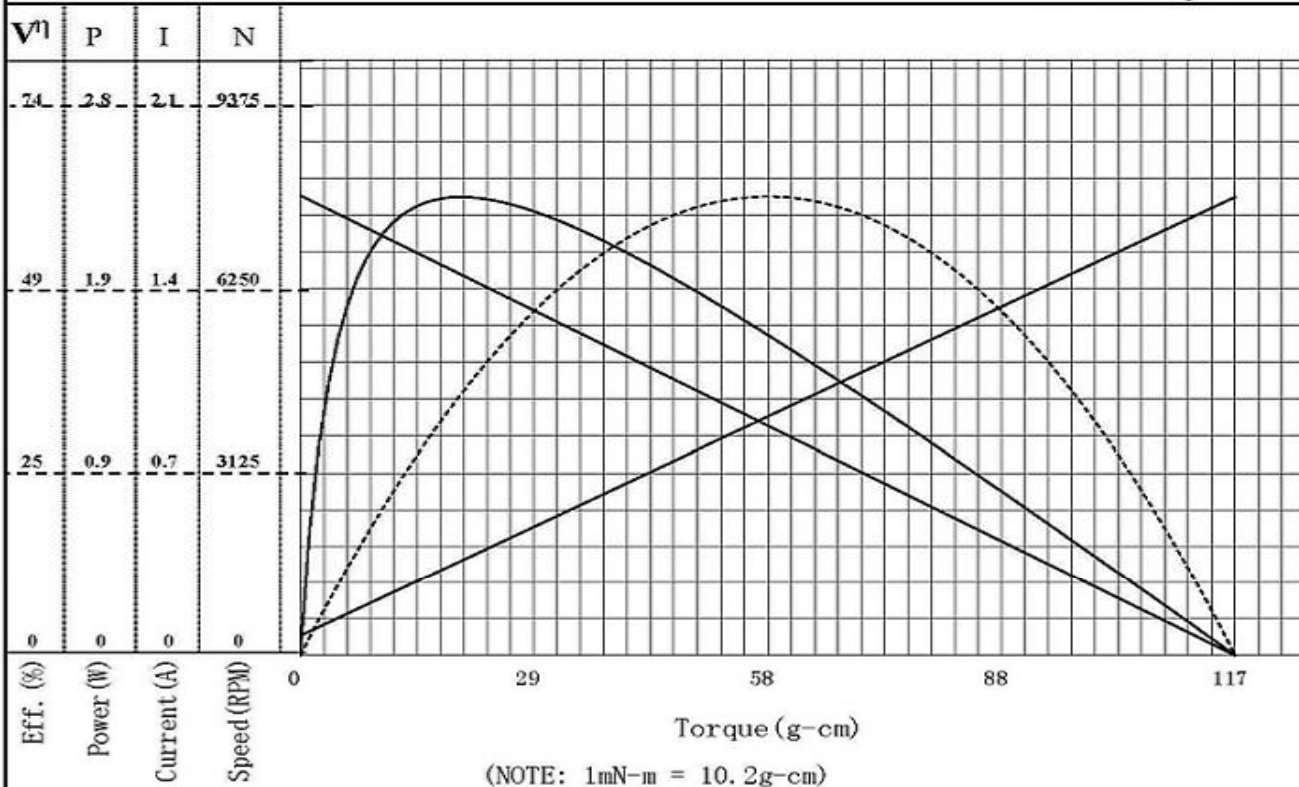
Sample No:
 Model: **SKU-1112250**

Date: 2022.07.12

— 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: **7840** rpm
 Current: **0.075** A

At stall (Extrapolated)

Torque: **116.8** g-cm
 Current: **1.74** A

At maximum efficiency

Efficiency: **61.7** %
 Torque: **19.9** g-cm
 Speed: **6505** rpm
 Current: **0.36** A
 Output: **1.33** W

At maximum Power output

Output: **2.35** W
 Torque: **58.4** g-cm
 Speed: **3920** rpm
 Current: **0.91** A

Issued by **QA Reliability Testing Center**

COMPUTER PRINT-OUT
 NOMINAL MOTOR CURVES

Performance and characteristics are measured based on limited motor samples only