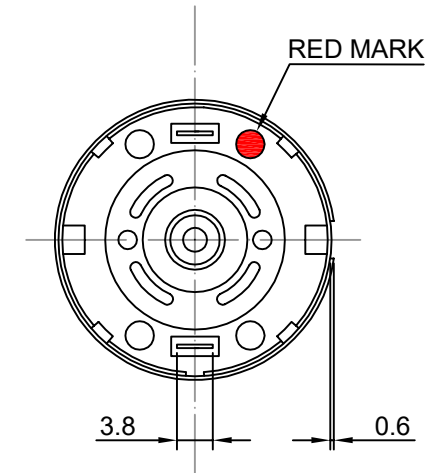
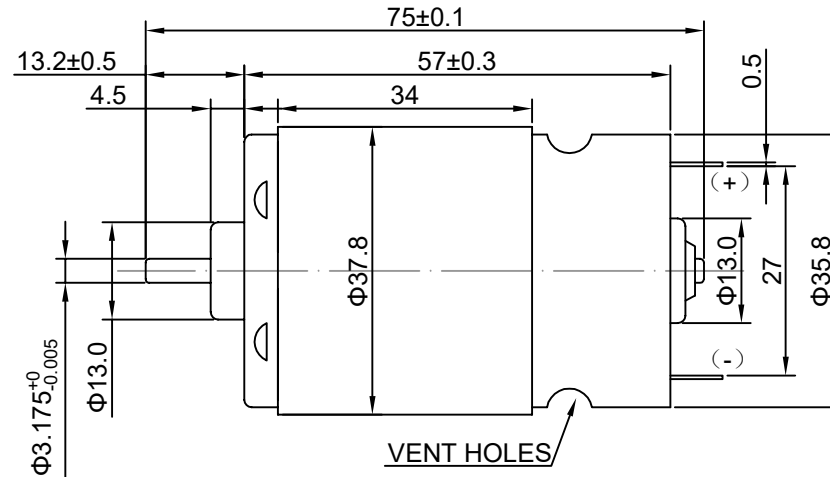
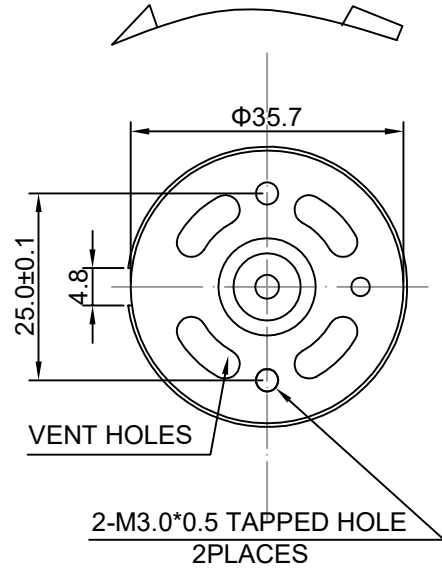
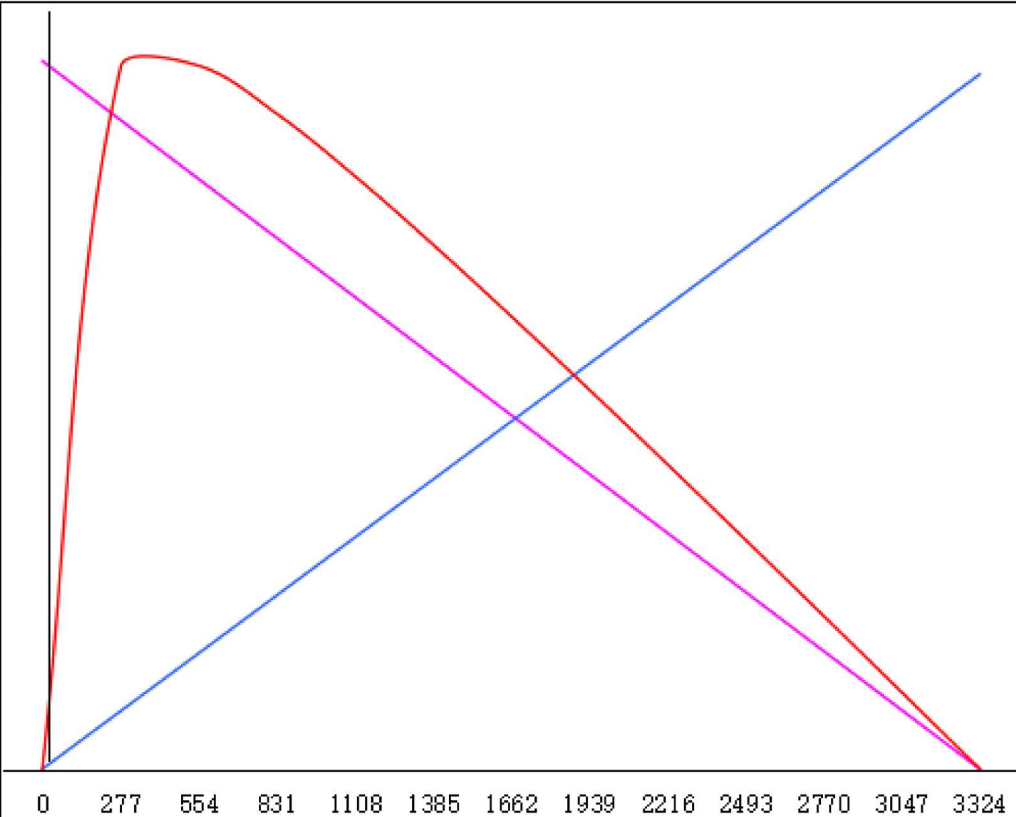


Direction Of Rotation



| No. | Item               | Specification      | No. | Item           | Specification |
|-----|--------------------|--------------------|-----|----------------|---------------|
| 1   | Rated Voltage      | 12V DC             | 7   | Rated Load     | 50mN.m        |
| 2   | Start Voltage      | 1.0V Max           | 8   | Stall Current  | 49.05A        |
| 3   | No Load Current    | 1.0A Max           | 9   | Stall Torque   | 3323.8G.CM    |
| 4   | No Load Speed      | 16000 $\pm$ 10%RPM | 10  | Shaft end play | 0.05-0.5mm    |
| 5   | Rated Load Current | 7.75A Max          |     |                |               |
| 6   | Rated Load Speed   | 14100 $\pm$ 10%RPM |     |                |               |

|           |      |            |                                                                                                    |             |  |
|-----------|------|------------|----------------------------------------------------------------------------------------------------|-------------|--|
| Drawn     | Tony | 07/22/2026 | Unit: mm                                                                                           |             |  |
| Checked   | Eva  | 07/22/2026 | <b>Kysan Electronics</b><br><a href="http://www.kysanelectronics.com">www.kysanelectronics.com</a> |             |  |
| Eng Appr. |      |            |                                                                                                    |             |  |
| Mfg Appr. |      |            |                                                                                                    |             |  |
| Q.A.      |      |            |                                                                                                    |             |  |
| SKU:      |      |            | Siae: A4                                                                                           | Weight(Kg): |  |
| 1112060   |      |            | Scale                                                                                              |             |  |

|                     |       |      |                                                                                     |         |       |
|---------------------|-------|------|-------------------------------------------------------------------------------------|---------|-------|
| MODEL (型号) :        |       |      | VOLTAGE (电压) : 12V/DC                                                               |         |       |
| CONSTANT (转向) : CCW |       |      | DATE (时间) : 2026.07.21                                                              |         |       |
|                     |       |      | At No Load (空载)                                                                     |         |       |
|                     |       |      | SPEED (转速) :                                                                        | 16000   | RPM   |
|                     |       |      | CURRENT (电流) :                                                                      | 0.91    | AMP   |
|                     |       |      | At stall(Extrapolated) (失速)                                                         |         |       |
|                     |       |      | TORQUE (力矩) :                                                                       | 3323.80 | G.CM  |
|                     |       |      | CURRENT (电流) :                                                                      | 49.05   | AMP   |
|                     |       |      | At maximum efficiency (最大效率)                                                        |         |       |
|                     |       |      | EFFICIENCY (效率) :                                                                   | 74.60   | %     |
|                     |       |      | TORQUE (力矩) :                                                                       | 399.40  | G.CM  |
|                     |       |      | SPEED (转速) :                                                                        | 14620   | RPM   |
|                     |       |      | CURRENT (电流) :                                                                      | 6.70    | AMP   |
|                     |       |      | OUTPUT (功率) :                                                                       | 60.00   | WATTS |
|                     |       |      | At maximum power (最大功率)                                                             |         |       |
|                     |       |      | TORQUE (力矩) :                                                                       | 1661.90 | G.CM  |
|                     |       |      | SPEED (转速) :                                                                        | 8310    | RPM   |
|                     |       |      | CURRENT (电流) :                                                                      | 24.98   | AMP   |
|                     |       |      | OUTPUT (功率) :                                                                       | 141.87  | WATTS |
|                     |       |      | THE CURVES REPRESENT THE THEORENCAL PERFORMANCE OF THE SAMPLE ONLY.                 |         |       |
|                     |       |      | 曲线值表示样品的技术特性                                                                        |         |       |
| 16000               | 49.05 | 74.6 |  |         |       |
| 14400               | 44.15 | 67.1 |                                                                                     |         |       |
| 12800               | 39.24 | 59.7 |                                                                                     |         |       |
| 11200               | 34.34 | 52.2 |                                                                                     |         |       |
| 9600                | 29.43 | 44.8 |                                                                                     |         |       |
| 8000                | 24.53 | 37.3 |                                                                                     |         |       |
| 6400                | 19.62 | 29.8 |                                                                                     |         |       |
| 4800                | 14.72 | 22.4 |                                                                                     |         |       |
| 3200                | 9.81  | 14.9 |                                                                                     |         |       |
| 1600                | 4.91  | 7.5  |                                                                                     |         |       |
| 0                   | 0     | 0    |                                                                                     |         |       |
| rpm                 | I     | η    |                                                                                     |         |       |
| 转速                  | 电流    | 效率   |                                                                                     |         |       |
|                     |       |      |                                                                                     |         |       |
| PREPARED:           |       |      | CHECKED:                                                                            |         |       |
|                     |       |      | APPROVED:                                                                           |         |       |