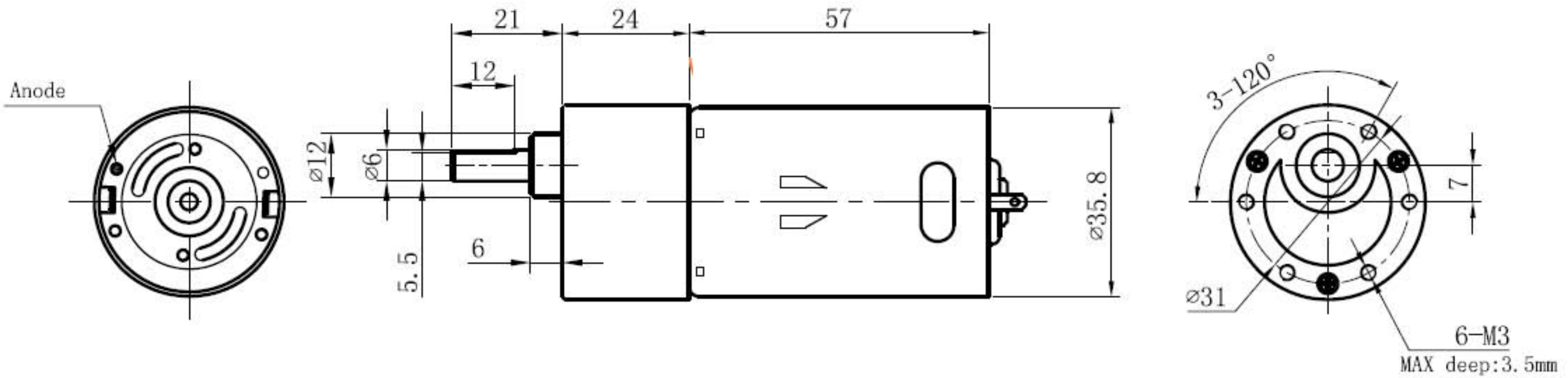


## OUTLINE



### 1. STANDARD OPERATING CONDITIONS

- |                            |                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------|
| 1.1 RATED VOLTAGE:         | DC 24V                                                                                            |
| 1.2 OPERATING TEMPERATURE: | $-10-+60^{\circ} \text{ C}$                                                                       |
| 1.3 DIRECTION ROTATION:    | CLOCKWISE WHEN VIEWING MOTOR OUTPUT SIDE WITH POSITIVE VOLTAGE APPLIED TO POSITIVE (RED) TERMINAL |

### 2. MEASURING CONDITIONS

- |                     |                                          |
|---------------------|------------------------------------------|
| 2.1 RATED VOLTAGE:  | DC 24V                                   |
| 2.2 TEMPERATURE:    | $27^{\circ} \text{ C}$                   |
| 2.3 HUMIDITY:       | 65%RH                                    |
| 2.4 MOTOR POSITION: | MOTOR TO BE HELD WITH SHAFT HORIZONTALLY |

### 3. ELECTRICAL CHARACTERISTICS (at initial stage after 30 seconds run-in)

- |                      |                           |
|----------------------|---------------------------|
| 3.1 No Load          |                           |
| 3.1.1 Speed:         | $75 \pm 10\% \text{ rpm}$ |
| 3.1.2 Current:       | 0.12A (0.24A max)         |
| 3.2 On Load          |                           |
| 3.2.1 Rated Torque:  | 8kg. cm                   |
| 3.2.2 Rated Current: | 0.42A (0.65A max)         |
| 3.2.3 Rated Speed :  | $62 \pm 10\% \text{ rpm}$ |