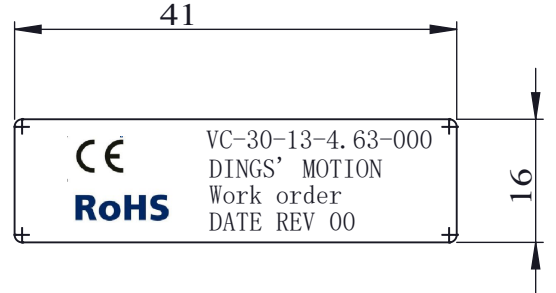
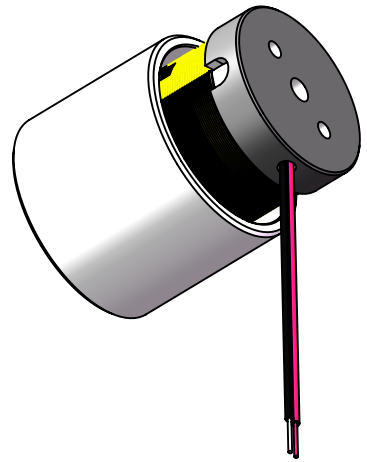
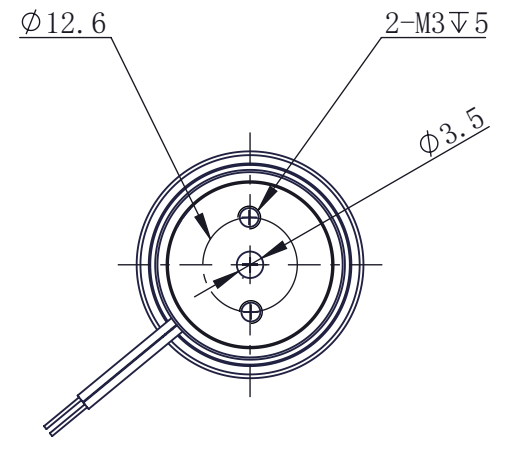
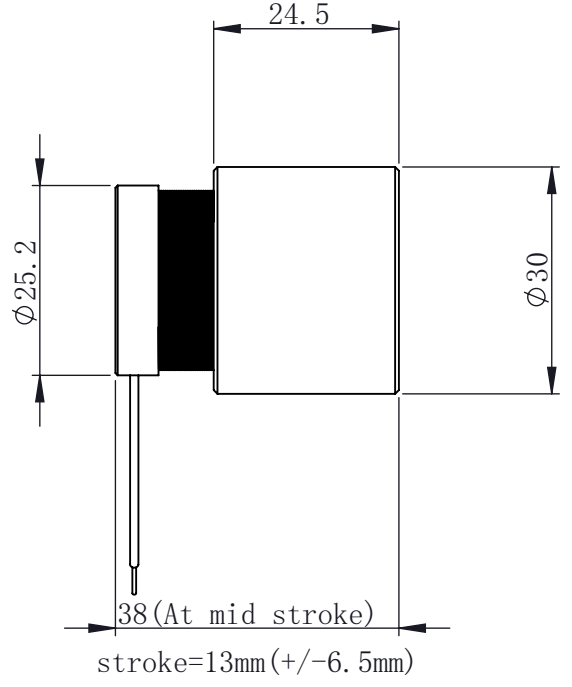
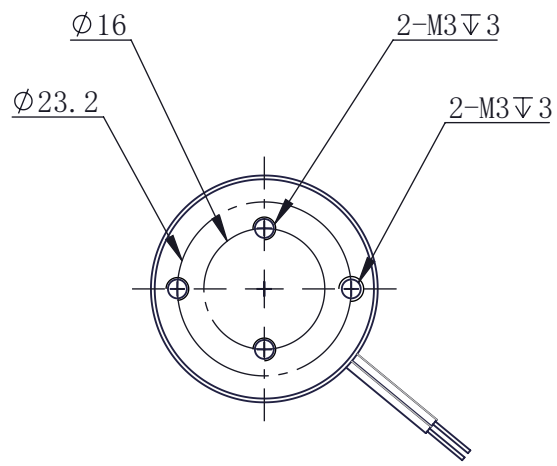


| REVISION |      |             |          |
|----------|------|-------------|----------|
| REV.     | DATE | DESCRIPTION | DRAWN BY |
|          |      |             |          |



### TECHNICAL PARAMETERS

|   |          |                           |
|---|----------|---------------------------|
| Stroke (行程)                                 | mm       | 13                        |
| Continuous force (持续推力)                     | N        | 4.63                      |
| Peak force (最大推力)                           | N        | 29.4                      |
| Back EMF constant (反电动势常数)                  | V/m/s    | 7.35                      |
| Resistance (电阻)                             | $\Omega$ | $11.34 \pm 10\% \Omega$   |
| Inductance (电感)                             | mH       | $2.63 \pm 20\% \text{mH}$ |
| Continuous current (coil at 100 ° C) (持续电流) | A        | 0.63                      |
| Peak Current (最大电流)                         | A        | 4.3                       |
| Coil assembly mass (线圈重量)                   | g        | 25                        |
| Magnet mass (磁体重量)                          | g        | 96                        |
| Coil clearance (运动间隙)                       | mm       | 0.6                       |
| Insulation Class (绝缘等级)                     |          | B                         |

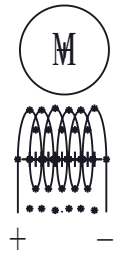
CUSTOMER



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WIRING CHART

EXCITING SEQUENCE



|         |   |   |
|---------|---|---|
| UP      | → |   |
| Red +   | + | - |
| Black - | - | + |
| DOWN    | ← |   |

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS AND TOLERANCES ARE AS BELOW PER ISO2768-cK.

| LINEAR |           | ANGLUR  |                 |
|--------|-----------|---------|-----------------|
| 0~3    | $\pm 0.2$ | 0~10    | $\pm 1.5^\circ$ |
| 3~6    | $\pm 0.5$ | 10~50   | $\pm 1^\circ$   |
| 6~30   | $\pm 0.8$ | 50~120  | $\pm 30'$       |
| 30~120 | $\pm 1.5$ | 120~400 | $\pm 15'$       |

|        |     |      |          |
|--------|-----|------|----------|
| DRAWN  | QHF | DATE | 20241211 |
| APPRVD |     | DATE |          |

**DINGS**

MODEL VC-30-13-4.63-000

|       |      |       |        |
|-------|------|-------|--------|
| SIZE  | A3   | SHEET | 1 OF 1 |
| SCALE | Free | REV   | 00     |

