

TECHNICAL PARAMETERS

| | | |
|---|----------|---------------------------|
| Stroke (行程) | mm | 5 |
| Continuous force (持续推力) | N | 9.5 |
| Peak force (最大推力) | N | 65 |
| Back EMF constant (反电动势常数) | V/m/s | 11.87 |
| Resistance (电阻) | Ω | $10.15 \pm 10\% \Omega$ |
| Inductance (电感) | mH | $5.21 \pm 20\% \text{mH}$ |
| Continuous current (coil at 100 ° C) (持续电流) | A | 0.8 |
| Peak Current (最大电流) | A | 5.8 |
| Coil assembly mass (线圈重量) | g | 41 |
| Magnet mass (磁体重量) | g | 158 |
| Coil clearance (运动间隙) | mm | 0.5 |
| Insulation Class (绝缘等级) | | B |

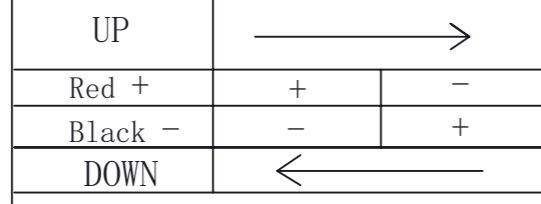
CUSTOMER

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WIRING CHART

EXCITING SEQUENCE

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



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

| | | | |
|--------|-----|------|----------|
| DRAWN | QHF | DATE | 20243525 |
| APPRVD | | DATE | |

DINGS

MODEL VCHF-30-5-9.5-000

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