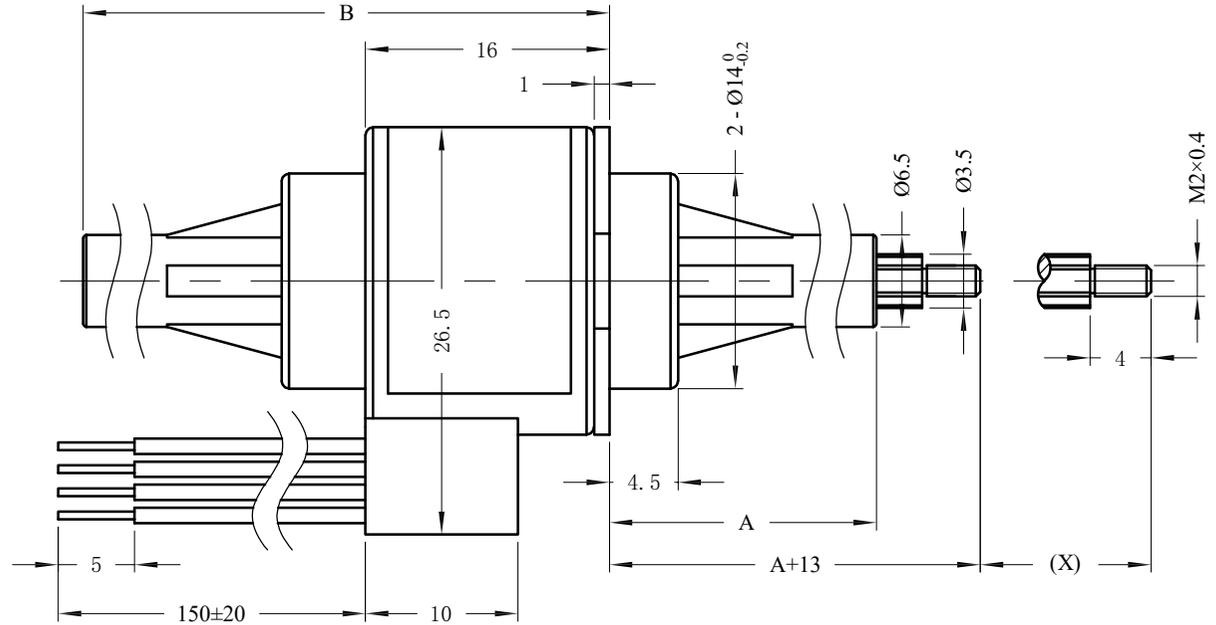
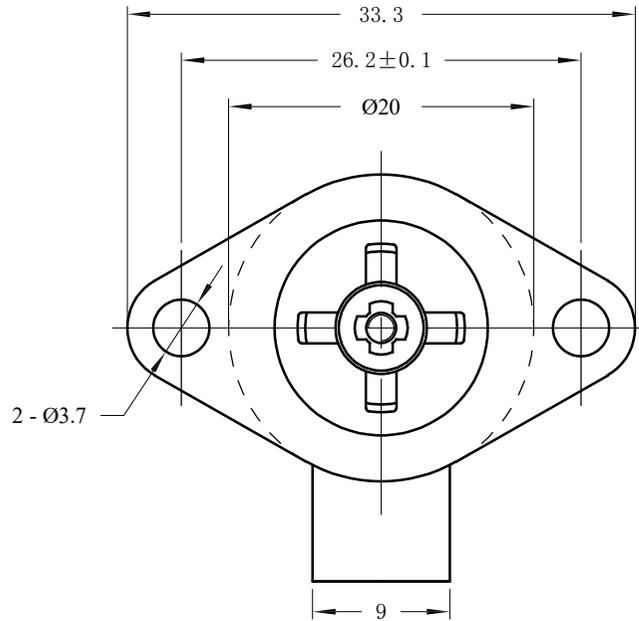


CE K20PA
RoHS DINGS' MOTION yyyy/mm/dd

CUSTOMER APPROVE

| Rev | Zone | Description | By | Date |
|-----|------|-----------------|----|------|
| 0 | | Initial release | | |
| 1 | | | | |
| 2 | | | | |

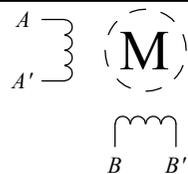


| | | |
|-----------------------------|--------------|----------------------|
| POWER CONSUMPTION 功耗 | W | 3.4 |
| WINDING VOLTAGE 绕组电压 | V | 5/12 |
| PHASE CURRENT 相电流 | mA | 370/160/145 |
| PHASE RESISTANCE 相电阻 | Ohm / 20°C | 13.5/74.5/76 (±10%) |
| PHASE INDUCTANCE 相电感 | mH / 1kHz | 5.5/36/4/25 (±20%) |
| STEP ANGLE 步距角 | ° | 7.5/15 |
| SCREW LEAD 导程 | mm | 0.6096/1.2192/2.4384 |
| TRAVEL/STEP 步长 | mm | 0.0127/0.0254/0.0508 |
| LINEAR FORCE 推力 | N / 300PPS | TBD |
| STROKE 行程 | mm | 14/18/25/31 |
| INSULATION RESISTANCE 绝缘电阻 | MΩ (DC 500V) | 20 |
| INSULATION CLASS 绝缘等级 | | B |
| OPERATING TEMP RANGE 工作温度范围 | °C | -20~+55°C |
| STORAGE TEMP RANGE 储存温度范围 | °C | -40~+100°C |
| WEIGHT 重量 | g | 35 |

| 行程 | 14 | 18 | 25 | 31 |
|----|------|------|------|------|
| A | 13.5 | 17.5 | 24.5 | 30.5 |
| B | 30.5 | 34.5 | 41.5 | 47.5 |

WIRING DIAGRAM 接线图

EXCITING SEQUENCE 励磁顺序



| | | | | | | |
|-----------------|------------|----|---|---|---|---|
| UL3265 28AWG | RETRACT 缩回 | ← | | | | |
| | RED 红 | A | + | - | - | + |
| | BLACK 黑 | A' | - | + | + | - |
| | BLUE 蓝 | B | - | - | + | + |
| | GREEN 绿 | B' | + | + | - | - |
| | EXTEND 伸出 | → | | | | |

Important note: 1. The motor must be handled gently, do not carry the lead by hand.

2. The motor shaft or screw can not withstand radial force, screw can not clamp or knock resulting in screw deformation.

3. The motor screw has been coated with special grease. If you need to add grease, please contact the manufacturer.

4. When the output shaft is required to fully extend or fully retract, it may be necessary to consider the use of special driving methods.

重要提示: 1. 电机必须轻拿轻放, 严禁手持导线。

2. 电机出轴或丝杆不能承受径向作用力, 丝杆不能夹持或敲击导致螺牙变形。

3. 电机丝杆上已涂覆专用油脂, 如需添加油脂请联系生产厂家, 严禁涂覆其他油脂。

4. 固定轴电机当要求输出轴完全伸出或完全缩回时, 可能需要考虑采用特殊的驱动方式。



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

| LINEAR | | ANGLE | |
|----------|------|-----------|-------|
| 0 ~ 3 | ±0.2 | 0 ~ 10 | ±1.5° |
| 3 ~ 6 | ±0.5 | 10 ~ 50 | ±1° |
| 6 ~ 30 | ±0.8 | 50 ~ 120 | ±30' |
| 30 ~ 120 | ±1.5 | 120 ~ 400 | ±15' |

| | | | |
|--------|------|------|----|
| DRAWN | WANG | DATE | 日期 |
| APPRVD | | DATE | |

| | |
|-------|-------|
| MODEL | K20PA |
|-------|-------|

DINGS 鼎智

| | | | | |
|-------|-----|-------|--------|--|
| SIZE | A4 | SHEET | 1 OF 1 | |
| SCALE | 2:1 | REV | 0 | |