

14E2110BS64

DINGS' MOTION  
work order  
DATE REV00

REVISION

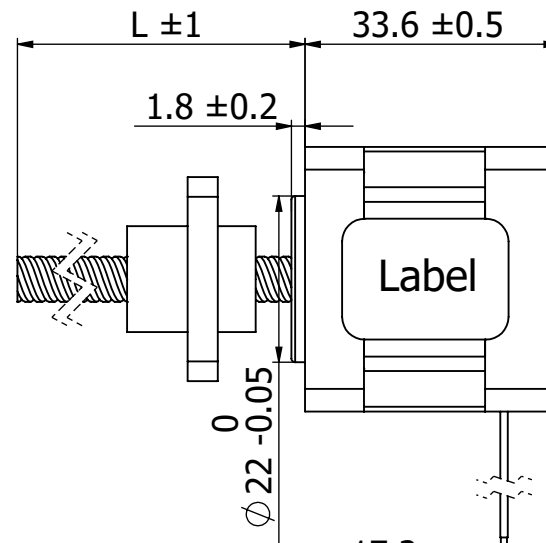
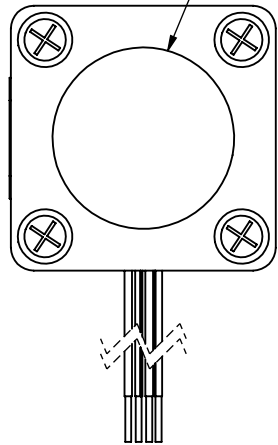
REV.

DATE

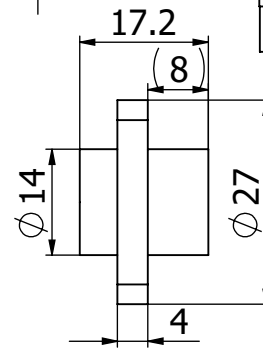
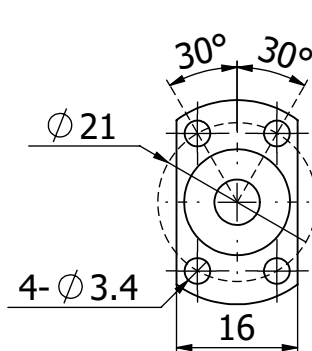
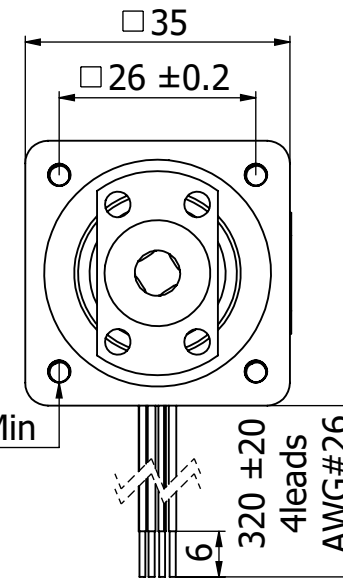
DESCRIPTION

DRAWN BY

Sticker



4-M3 ↓ 4Min



Notes,  
1.To maximize output force and life of linear actuators,  
radial load on lead screws should be avoided or be kept at a minimum.

|                           |               |
|---------------------------|---------------|
| Motor's phase             | 2             |
| Step angle(±5%)           | 1.8°          |
| Rated current/phase       | 1.0 A(RMS)    |
| Resistance/phase(20°C)    | 3.5 Ω±10%     |
| Inductance/phase(1V,1kHz) | 3.6 mH±20%    |
| Linear travel per step    | 0.03mm        |
| Lead screw diameter       | Ø 6mm         |
| Lead screw lead           | 6mm           |
| Grade                     | C7 (DY)       |
| Insulation class          | B             |
| Insulation resistance     | 100MΩ(500VDC) |
| Heat rise                 | 80°C          |
| Motor weight              | 0.19 Kg       |

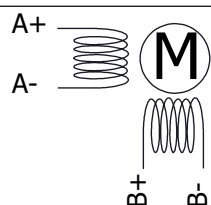
## CUSTOMER

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## WIRING CHART

## EXCITATION SEQUENCE



|            |   |
|------------|---|
| CW         | → |
| Red A+     | + |
| Red/wht A- | - |
| Grn B+     | + |
| Grn/wht B- | - |
| CCW        | ← |

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

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

DRAWN

DATE

APPRVD

DATE

MODEL

14E2110BS64

**DINGS**

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

