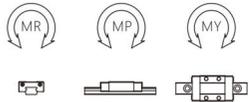
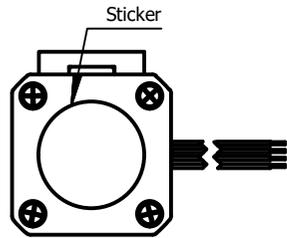
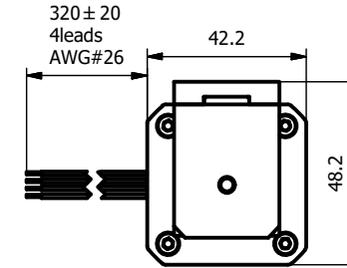
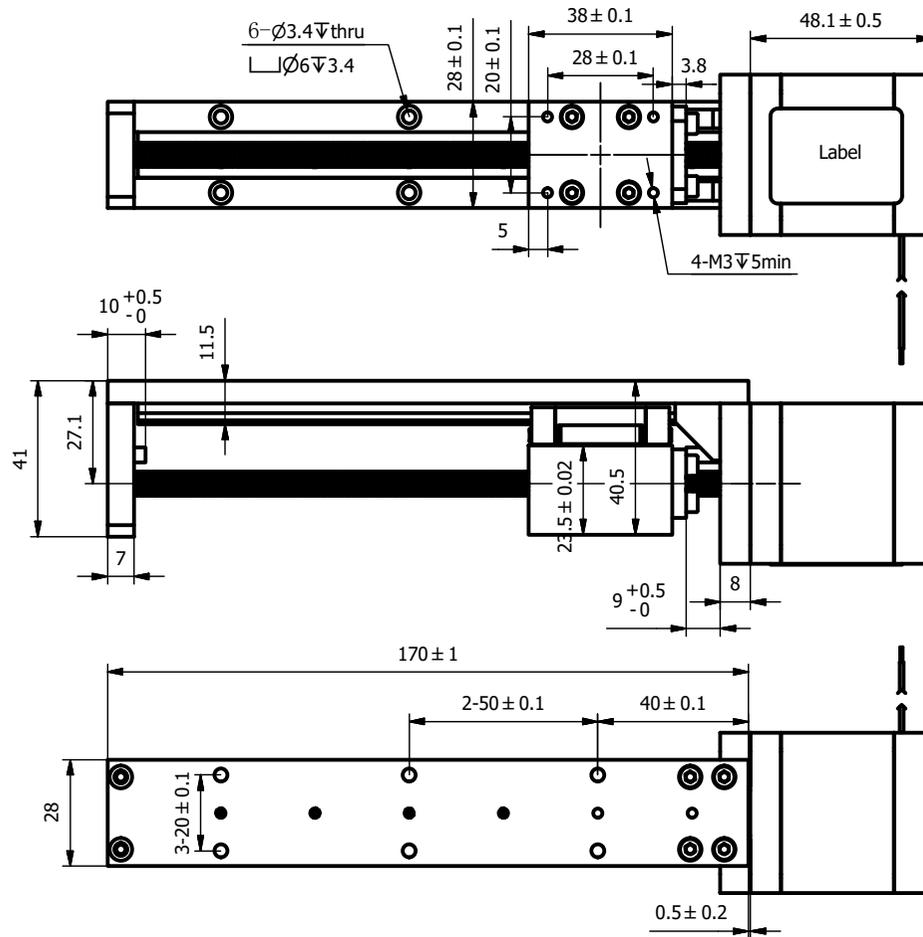



 DLM100-17E2225D4-101 REV00

 DINGS' MOTION USA
 DATE CODE

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



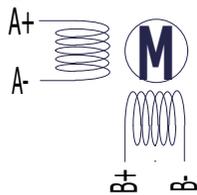
| | |
|------------|----------|
| Mro | 10.75 Nm |
| Mpo | 6.45 Nm |
| Myo | 6.45 Nm |
| C100B(dyn) | 1154 N |
| Co(stat) | 1732 N |

| | |
|------------------------|-------------------------|
| Motor's phase | 2 |
| Step angle | 1.8° |
| Rated current/phase | 2.5 A |
| Resistance/phase | 1.0Ω±10% |
| Inductance/phase | 1.8 mH±20% |
| Linear travel per step | 0.00635mm/step |
| Lead screw diameter | ø6.35mm |
| Lead screw lead | 1.27mm |
| Nut material | PBT |
| Insulation class | B |
| Insulation resistance | 100MΩ(500VDC) |
| Heat rise | 80°C |
| Motor weight | TBD kg |
| Stroke | 100mm |
| Operating Temp | 0-40°C ,No condensation |

CUSTOMER

NOTICE TO PERSONS RECEIVING THIS DRAWING
 THIS DRAWING IS ONLY CONDITIONALLY ISSUED, AND FOR THE SOLE PURPOSE OF INFORMING LICENSEES AND ASSOCIATE CONTRACTORS OF DINGS' MOTION, AND VENDORS THERETO AND CUSTOMERS THEREOF, RECEIPT OR POSSESSION THEREOF DOES NOT CONFER TO TRANSFER ANY RIGHT IN THE SUBJECT MATTER OF THE DRAWING. THE DESIGN, CONSTRUCTION, TECHNICAL INFORMATION AND ALL OTHER SUBJECT MATTER SHOWN IN THIS DRAWING ARE AND REMAIN, EXCEPT AS MAY BE OTHERWISE INDICATED BY WRITTEN NOTICE HEREON, THE EXCLUSIVE PROPERTY OF SAID CORPORATION. THIS DRAWING MAY BE REPRODUCED ONLY BY LICENSEES AND ASSOCIATE CONTRACTORS OF SAID CORPORATION AND ONLY FOR LICENSED MANUFACTURE, AND BY VENDORS MANUFACTURING FOR SAID CORPORATION AND ONLY FOR LICENSEES AND ASSOCIATE CONTRACTORS.

WIRING CHART



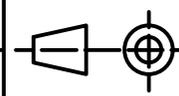
EXCITING SEQUENCE

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

| UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS AND TOLERANCES ARE AS BELOW PER ISO2768-ck. | | | | | |
|--|------|---------|-------|----------------------|--|
| LINEAR | | ANGULAR | | MODEL | |
| 0~3 | ±0.2 | 0~10 | ±1.5° | DLM100-17E2225D4-101 | |
| 3~6 | ±0.5 | 10~50 | ±1° | | |
| 6~30 | ±0.8 | 50~120 | ±30' | | |
| 30~120 | ±1.5 | 120~400 | ±15' | | |

| | | | |
|--------|-------|------|------------|
| DRAWN | Kevin | DATE | 2022/11/18 |
| APPRVD | | DATE | |

DINGS' MOTION USA™
...Precision Motion Specialists

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