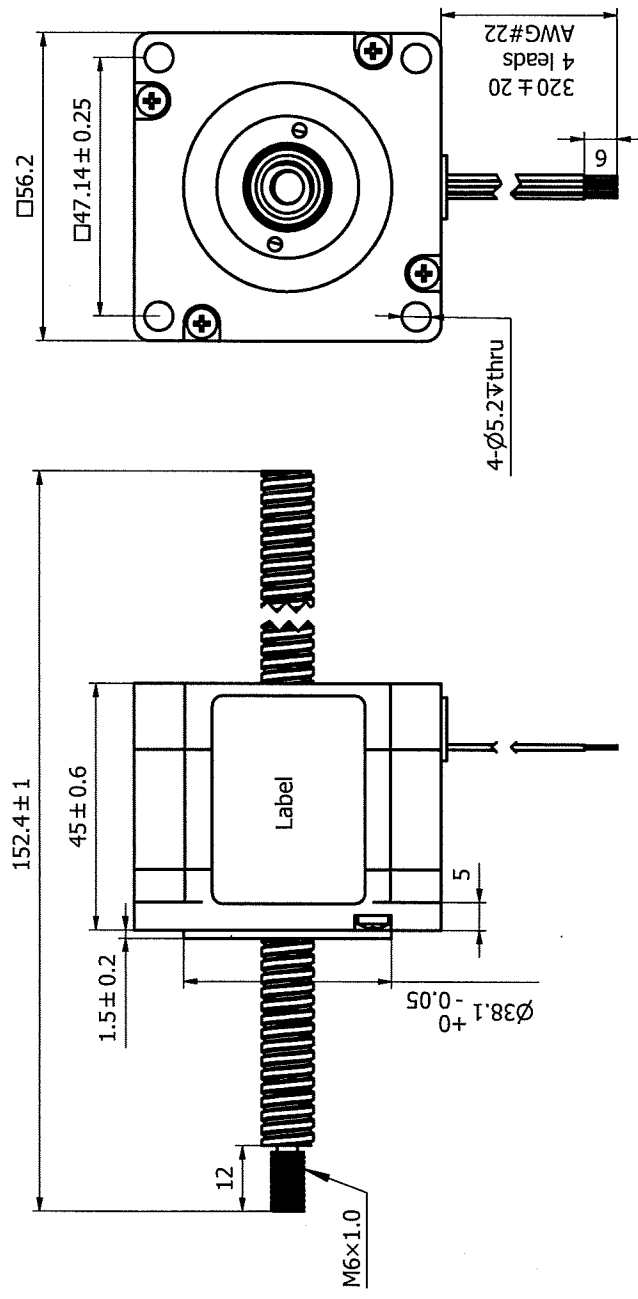


| REV. | DATE | DESCRIPTION | DRAWN BY |
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CE 23N2120A4-152.4MSN-001 REV00
RoHS DINGS' MOTION USA
 DATE CODE






Michael Dumar

 04/24/19



| | |
|------------------------|-----------------|
| Motor's phase | 2 |
| Step angle | 1.8° |
| Rated current/phase | 2.0 A |
| Resistance/phase | 1.75Ω±10% |
| Inductance/phase | 4.1mH±20% |
| Linear travel per step | 0.003175mm/step |
| Lead screw diameter | Ø9.525mm |
| Lead screw lead | 0.635mm |
| Insulation class | B |
| Insulation resistance | 100MΩ(500VDC) |
| Heat rise | 80°C |
| Motor weight | 0.48 kg |

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.

| CUSTOMER | | NOTICE TO PERSONS RECEIVING THIS DRAWING | | | | | | | | | | DRAWING | | 1. DRAWING | | 2. REVISING | | | | | | | |
|--|--|---|--|---|--|---|--|---|--|---|--|---------|--|------------|--|-----------------------------------|--|-------------------------|--|----------------------|--|---|--|
| <div>WIRING CHART</div> <div><div> A+</div><div> A</div><div> A</div><div> A</div></div> | | THIS DRAWING IS ONLY CONDITIONALLY ISSUED, AND FOR THE SOLE PURPOSE OF INFORMING LICENSEES AND ASSOCIATE CONTRACTORS OF DINGS' MOTION, AND VENDORS THEREOF AND CUSTOMERS THEREOF, RECEIPT OR POSSESSION THEREOF DOES NOT CONFER 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. | | | | | | | | | | DRAWN | | DATE | | 2019/4/24 | | DINGS' MOTION USA™ | | | | | |
| | | UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS AND TOLERANCES ARE AS BELOW PER ISO2768-MK | | | | | | | | | | APPRVD | | DATE | |Precision Motion Specialists | | | | | | | |
| | | LINEAR | | | | | | | | | | ANGULAR | | MODEL | | 23N2120A4-152.4MSN-001 | | SIZE A3 SHEET 1 OF 1 | | SCALE 1: 1 REV 00 | |  | |
| | | 0~3 ±0.2 0~10 ±1.5° | | | | | | | | | | | | | | | | | | | | | |
| | | 3~6 ±0.5 10~50 ±1° | | | | | | | | | | | | | | | | | | | | | |
| 6~30 ±0.8 50~120 ±30' | | | | | | | | | | | | | | | | | | | | | | | |
| CW | | → | | + | | - | | + | | - | | + | | - | | + | | - | | + | | | |
| Red A+ | | | | + | | - | | + | | - | | + | | - | | + | | - | | + | | | |
| Red/wht A- | | | | - | | + | | - | | + | | - | | + | | - | | + | | - | | | |
| Green B+ | | | | + | | - | | + | | - | | + | | - | | + | | - | | + | | | |
| Grn/wht B- | | | | - | | + | | - | | + | | - | | + | | - | | + | | - | | | |
| CCW | | ← | | - | | + | | - | | + | | - | | + | | - | | + | | - | | | |