# Sliding Table T0601 Series

## Dimensions & Stroke Parameters

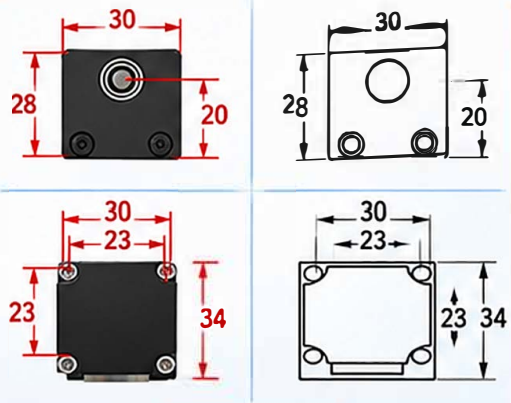
### Specification

| | |
|---|---|
| **Model** | T0601 |
| **Lead Screw Type** | T-type lead screw (self-locking) |
| **Lead screw diameter and pitch** | 6 mm diameter, 1 mm pitch |
| **Trip duration** | 100 ~ 300 mm |
| **Mobile panel size** | 32 mm × 30 mm |
| **Horizontal load** | 5 kg |
| **Vertical load** | 1 kg |
| **Repeat positioning accuracy** | 0.02 mm – 0.03 mm |
| **Compatible motor** | NEMA 11 stepper motor, 0.07 Nm |
| **Maximum speed** | 80 mm/s |
| **Block** | MGN8H |
| **Screw Precision** | C7 |

### Stroke & Length (L)

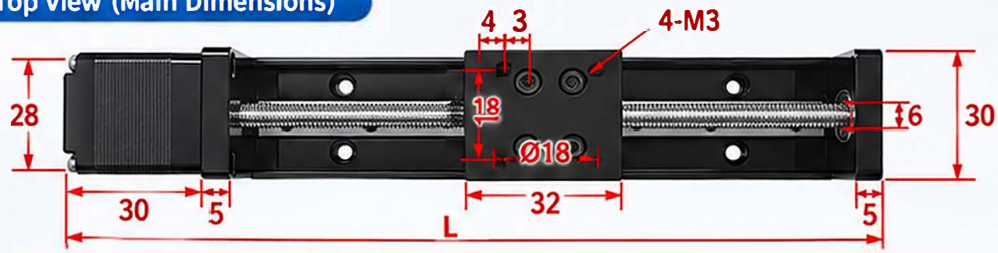
| Stroke | Total Length (L) |
|---|---|
| 50 mm | 125 mm |
| 100 mm | 175 mm |
| 150 mm | 225 mm |
| 200 mm | 275 mm |
| 250 mm | 325 mm |
| 300 mm | 375 mm |

### End Face Dimensions



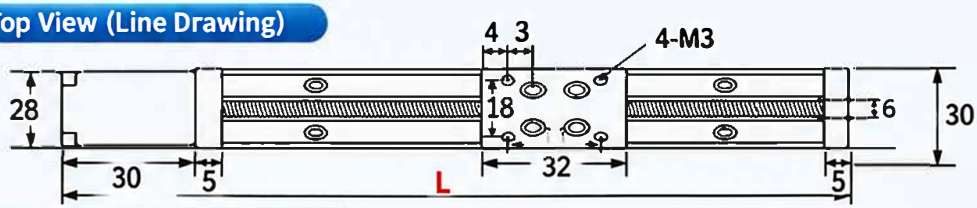

Unit: mm

### Top View (Main Dimensions)

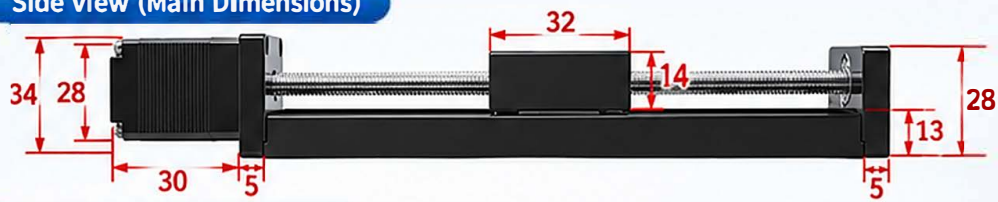



Stroke 50 mm: L = 125 mm
Stroke 100 mm: L = 175 mm
Stroke 150 mm: L = 225 mm
Stroke 200 mm: L = 275 mm
Stroke 250 mm: L = 325 mm
Stroke 300 mm: L = 375 mm

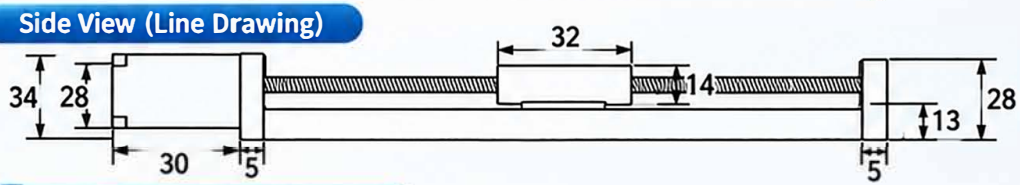
### Top View (Line Drawing)




### Side View (Main Dimensions)




### Side View (Line Drawing)

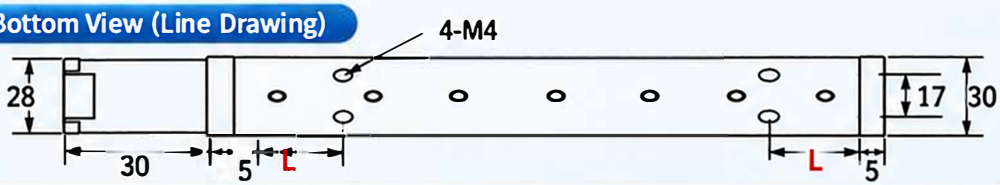



### Bottom View (Mounting Holes)




Stroke 50 mm: L = 15 mm
Stroke 100 mm: L = 20 mm
Stroke 150 mm ~ 300 mm: L = 30 mm

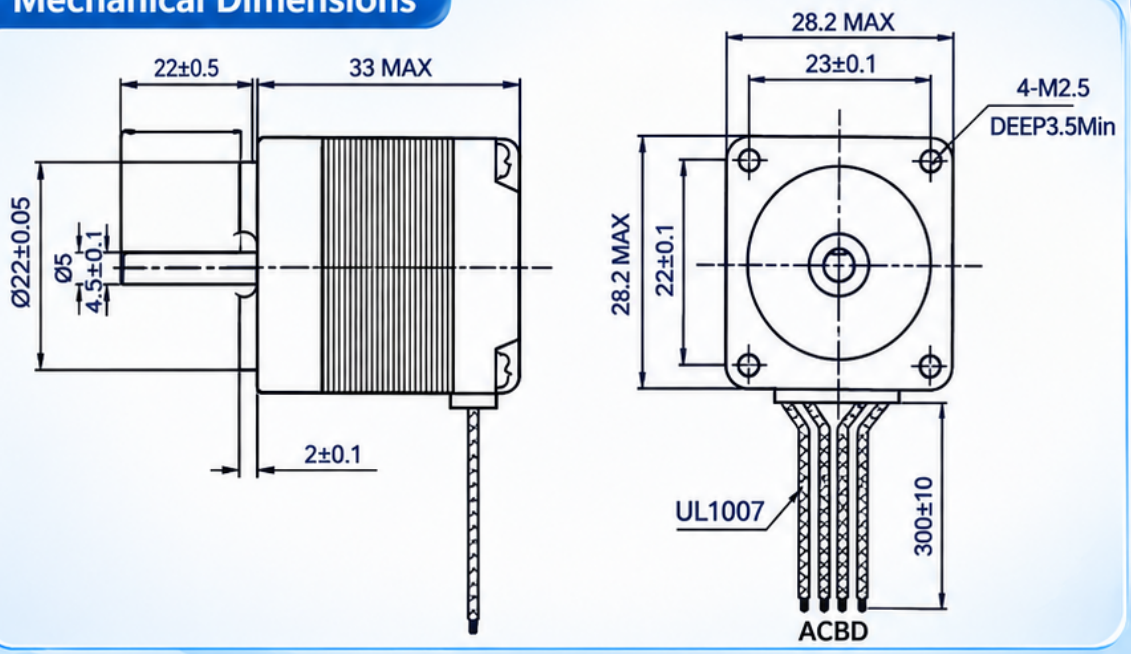
### Bottom View (Line Drawing)



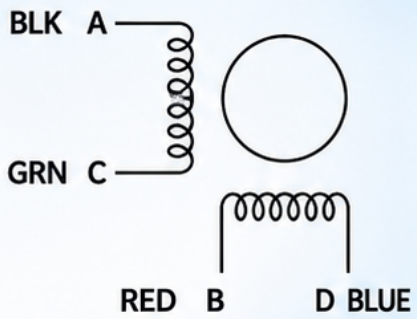
# Nema 11 Stepper Motor Parameter Table

| Model | Holding Torque | | Rated Current A/Phase | Resistance Ω/Phase | Inductance mH/Phase | Lead Wires | Rotor Inertia | | Mass (g) (lb) | L mm (inch) |
|---|---|---|---|---|---|---|---|---|---|---|
| | N.m | oz - in | | | | | Kg.cm² | Oz - in² | | |
| 28HB30 - 401A | 0.07 | 10 | 0.6A | 6.7ohm | 5.0mH | 4 | 9 | 0.05 | 0.1 | 30 |

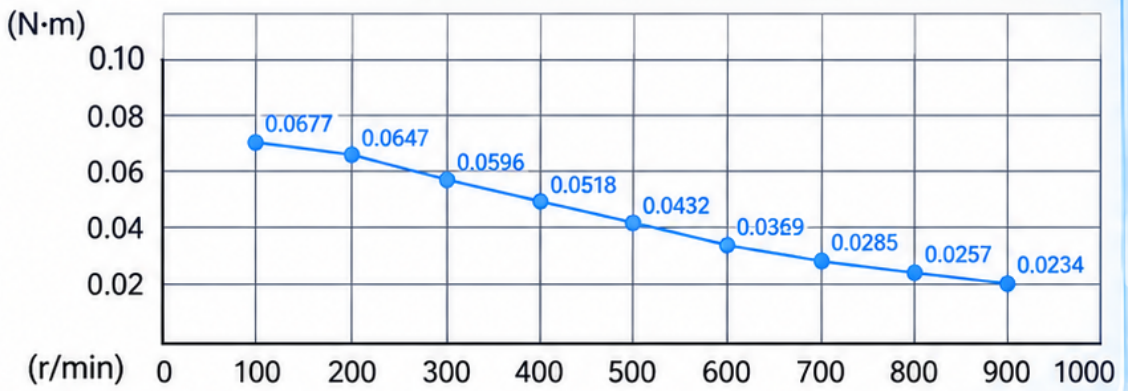
## Mechanical Dimensions




## Wiring Diagram




## Torque-Speed Curve




**Motor Model**
**28HB30-401A**

**Test Segmentation**
**1600**

| Test Voltage | Test Current |
|---|---|
| DC12V | 0.5A |

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