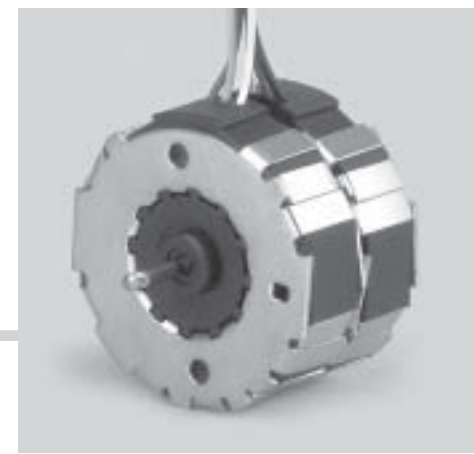




Motor Series **MTS3a**

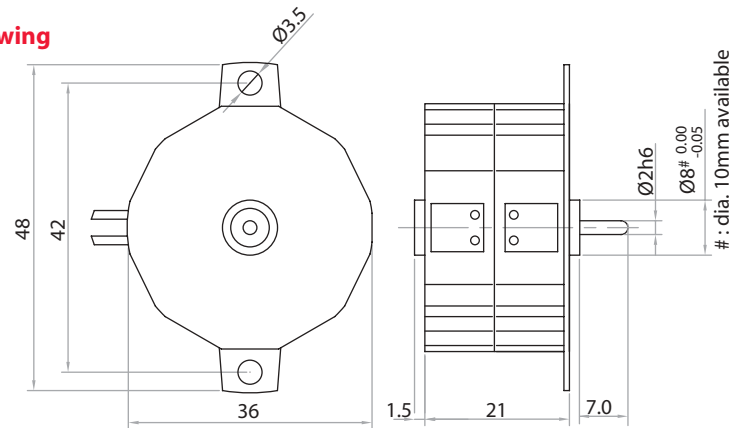


Stepper Motor 7.5°

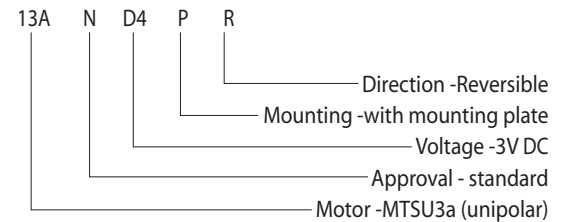
Technical Data

| | | | | | |
|------------------------|--------------------|--------------|--------------|-----|-----|
| Steps per revolution | | 48 | | | |
| Winding Type | | bipolar | | | |
| Rated Voltage | V | 3 | 6 | 12 | 24 |
| Resistance per winding | Ω | 11.5 | 18.5 | 100 | 460 |
| Winding Type | | unipolar | | | |
| Rated Voltage | V | 3 | 6 | 12 | 24 |
| Resistance per winding | Ω | 12 | 28.5 | 120 | 500 |
| Winding temperature | $^{\circ}\text{C}$ | 105 max. | | | |
| Holding torque | gm-cm | 130 (MTSB3a) | 100 (MTSU3a) | | |
| Axial Force | gm | 100 | | | |
| Lateral Force | gm | 300 | | | |
| Rotor inertia | gcm ² | 2.9 | | | |

Drawing

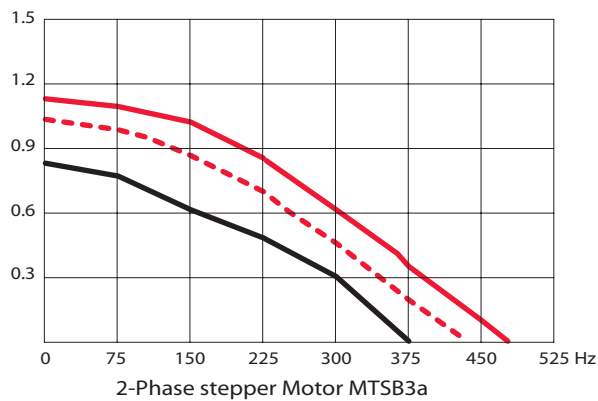


Ordering Data (eg.)



Torque Graphs

Start range (pull-in) with constant voltage power stage



Start range (pull-in) with constant voltage power stage

