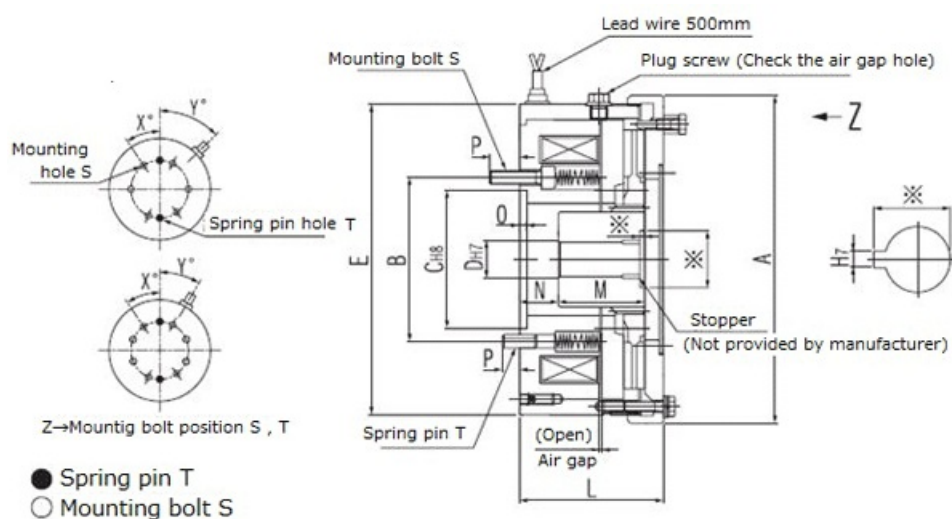


NAA Type

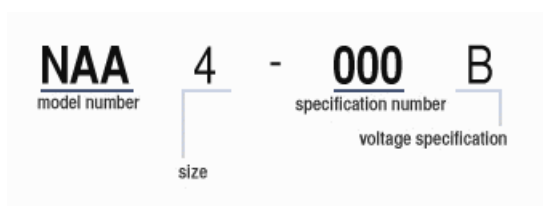
Spring actuated type electromagnetic brake

2023/03/22

Overall View



Part Number



Specifications

| Model | Max Speed [min ⁻¹] | Weight [kg] | Static friction torque [N·m] | Coil 20deg.C Voltage DC [V] | Coil 20deg.C Wattage [W] | Coil 20deg.C Current [A] |
|--------|--------------------------------|-------------|------------------------------|-----------------------------|--------------------------|--------------------------|
| NAA4 | 1800 | 7.30 | 40 | 24 | 60.0 | 2.49 |
| NAA6.3 | 1800 | 8.60 | 63 | 24 | 74.0 | 3.07 |
| NAA10 | 1800 | 10.00 | 100 | 24 | 87.0 | 3.41 |

NAA Type

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| NAA10 | 1000 | 10.50 | 100 | 24 | 02.0 | 3.41 |
|--------|-------------------------------|-------|-----------------------------------|----|--------------------------------|------|
| Model | Air Gap Armature pull [mm] | | Air Gap Armature Standard [mm] | | Air Gap release Max [mm] | |
| NAA4 | 0 | | 0.5 | | 1 | |
| NAA6.3 | 0 | | 0.5 | | 1 | |
| NAA10 | 0 | | 0.5 | | 1 | |

Diameter

| Model | Diameter A [mm] | Diameter B [mm] | Diameter C H8 [mm] | Diameter D max H7 [mm] | Diameter D Pilot Hole H7 [mm] | Diameter E [mm] |
|--------|-----------------------|-----------------------|--------------------------|------------------------------|-------------------------------------|-----------------------|
| NAA4 | 165 | 75.0 | 60 | 30 | 15 | 154 |
| NAA6.3 | 180 | 85.0 | 70 | 35 | 20 | 170 |
| NAA10 | 190 | 95.0 | 80 | 35 | 20 | 180 |

Length

| Model | Length L [mm] | Length M [mm] | Length N [mm] | Length O [mm] | Length P [mm] |
|--------|------------------|------------------|------------------|------------------|------------------|
| NAA4 | 77.0 | 45.0 | 25.0 | 4.0 | 16.0 |
| NAA6.3 | 79.0 | 50.0 | 20.0 | 4.0 | 14.5 |
| NAA10 | 83.0 | 50.0 | 23.0 | 4.0 | 17.0 |

Other Specifications

| Model | Moment of Inertia J [$\times 10^{-4} \text{kg} \cdot \text{m}^2$] | Angle X [deg] | Angle Y [deg] | Bolt S Screw Size | Bolt S Quantity | Combination Pin T Diameter |
|-------|---------------------------------------------------------------------------|---------------------|---------------------|----------------------|--------------------|-------------------------------|
|-------|---------------------------------------------------------------------------|---------------------|---------------------|----------------------|--------------------|-------------------------------|

NAA Type

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| | [kg] | [kg] | [kg] | | | |
|--------|------|------|------|----|---|---|
| NAA4 | 5.0 | 30.0 | 45 | M6 | 6 | 6 |
| NAA6.3 | 7.5 | 22.5 | 30 | M6 | 8 | 6 |
| NAA10 | 12.5 | 30.0 | 45 | M8 | 6 | 8 |

| Model | Combination Pin T Quantity |
|--------|----------------------------|
| NAA4 | 2 |
| NAA6.3 | 2 |
| NAA10 | 2 |

Notes

- 1.Initial torque is 60% of rated torque
- 2.Since product with prepared coupling pin hole is delivered, it shall be processed at assembly.
- 3.Please indicate dimension of the part marked. (If nothing is indicated, product with prepared hole shall be delivered).
- 4.For this product, power unit of over excitation type which applies 2 - 4 times of rated voltage at power supply (approximately 1 second) shall be utilized.(Which shall be ordered separately with reference to electromagnetic clutch / electric component for brake.)