# RSR14/20-CBB0-N032A



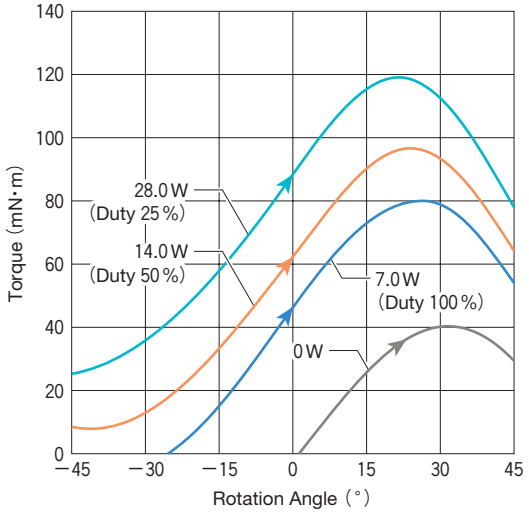
## ◆Main Specifications

| | |
|---|---|
| Heat-Resistant Class | Class H (180℃) |
| Coil Saturation Temperature Rise $\Delta\theta_s$ (at 20℃) | $\Delta\theta_s \fallingdotseq 20 \times W$ (℃)<br>$K \fallingdotseq 20$ (℃/watt) |
| Temperature Rise Time Constant $\tau$ | 5 (minutes) |
| Insulation Resistance | 500 V DC MEGA, 100 MΩ or more |
| Dielectric Strength | 1000 V AC, 50/60 Hz, 1 minute |
| Rotor Inertia | 2.1 (g·cm$^2$) |
| Mass | 80 (g) |

## ◆Coil Data

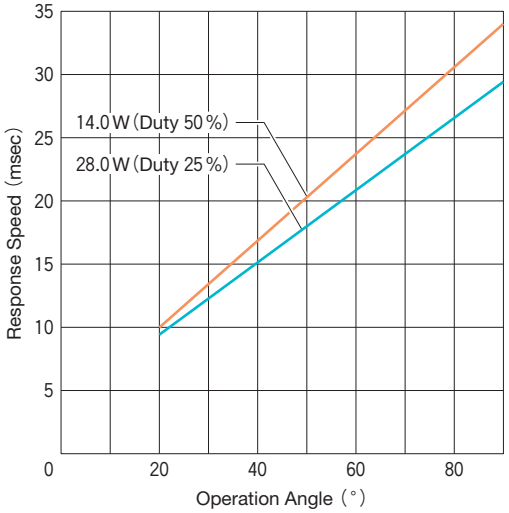
| Duty Cycle | 100% | 50% | 25% | 10% | 5% |
|---|---|---|---|---|---|
| | Continuous | Intermittent | | | |
| Max. ON Time [sec.] | ∞ | 150.0 | 75.0 | 30.0 | 15.0 |
| Power at 20℃ [W] | 7.0 | 14.0 | 28.0 | 70.0 | 140.0 |
| Resistance at 20℃ [Ω] | Voltage [$V_{DC}$] | | | | |
| 10 | 8.3 | 11.8 | 16.7 | 26.4 | 37.4 |
| 20 | 11.8 | 16.7 | 23.6 | 37.4 | 52.9 |
| 30 | 14.4 | 20.4 | 28.9 | 45.8 | 64.8 |
| 32 〈standard〉 | 14.9 | 21.1 | 29.9 | 47.3 | 66.9 |

## ◆Torque Data

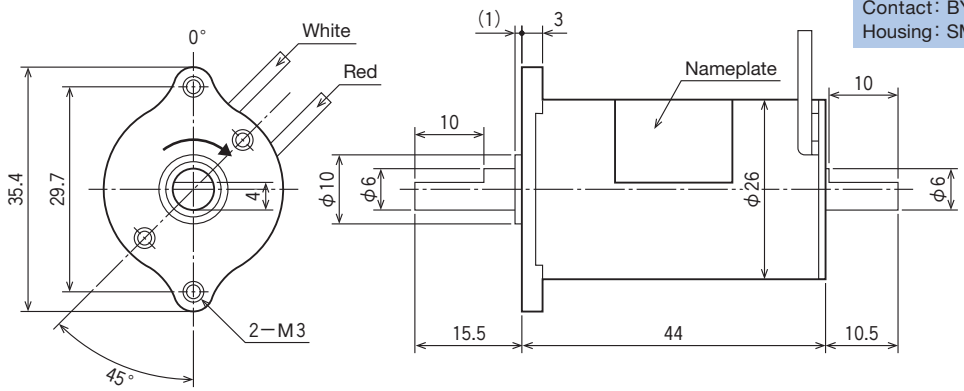



## ◆Response Data

(Load Inertia : 3.97 g·cm$^2$)




## ◆External Dimensions (mm)




### Terminal Specifications

Lead Wire Length (mm) : 70
Contact : BYM-001T-0.6 (JST)
Housing : SMR-02V-B (JST)

The above drawing shows the rotary shaft positioned in the center (0°) of its rotation range.
When a positive electrode (+) is connected to the Red lead wire, and a negative electrode (−) to the White lead wire, the shaft rotates clockwise (in the direction shown by the arrow).