# RSR14/10-CAB0



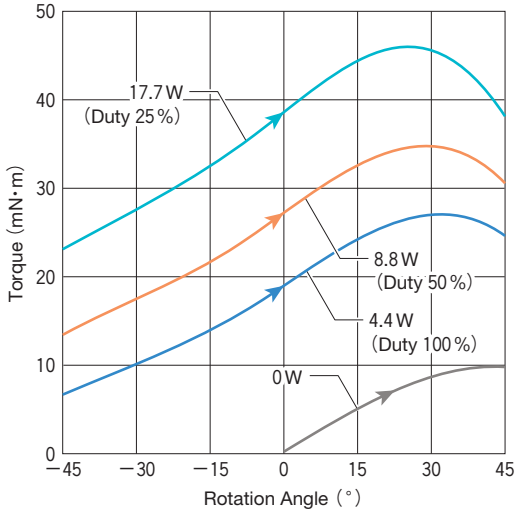
## ◆Main Specifications

| | |
|---|---|
| Heat-Resistant Class | Class E (120℃) |
| Coil Saturation Temperature Rise $\Delta\theta_s$ (at 20℃) | $\Delta\theta_s \fallingdotseq 18 \times W$ (℃)<br>$K \fallingdotseq 18$ (℃/watt) |
| Temperature Rise Time Constant $\tau$ | 7 (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 | 70 (g) |

## ◆Coil Data

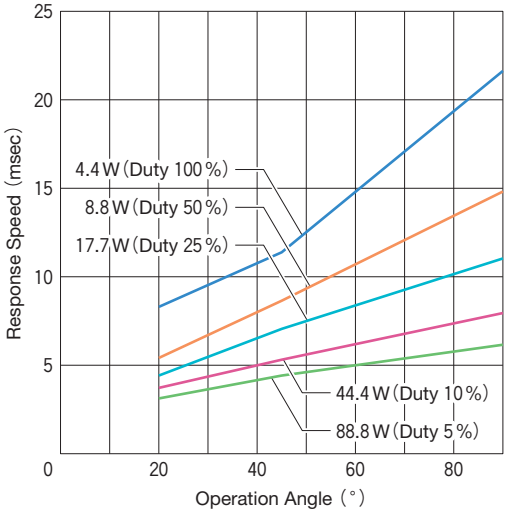
| Duty Cycle | 100 % | 50 % | 25 % | 10 % | 5 % |
|---|---|---|---|---|---|
| | Continuous | Intermittent | | | |
| Max. ON Time [sec.] | ∞ | 212.1 | 105.4 | 42.0 | 21.0 |
| Power at 20℃ [W] | 4.4 | 8.8 | 17.7 | 44.4 | 88.8 |
| Resistance at 20℃ [Ω] | Voltage [$V_{DC}$] | | | | |
| 3.2 | 3.7 | 5.3 | 7.5 | 11.9 | 16.8 |
| 15.6 〈standard〉 | 8.2 | 11.7 | 16.6 | 26.3 | 37.2 |
| 60.0 | 16.2 | 22.9 | 32.5 | 51.6 | 72.9 |
| 125.0 | 23.4 | 33.1 | 47.0 | 74.4 | 105.3 |

## ◆Torque Data

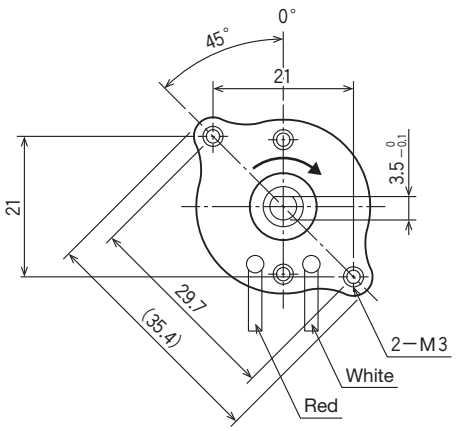


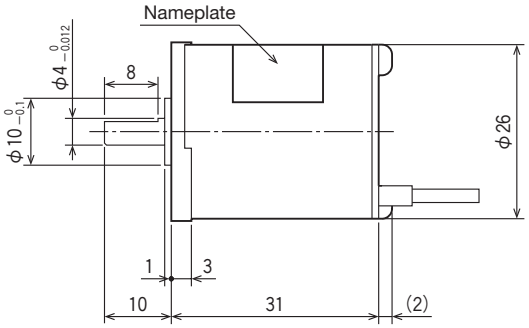

## ◆Response Data

(Load Inertia : 3.97 g·cm$^2$)




## ◆External Dimensions (mm)




### Terminal Specifications

Lead Wire Length (mm) : 300
AWG Size : 26

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).