

### ◆ Main Specifications

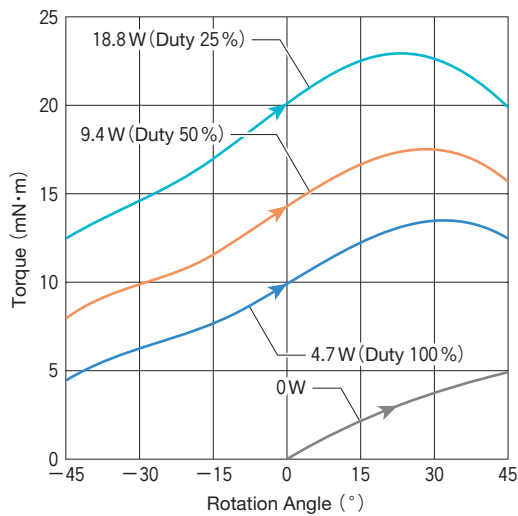
|  |   |
|--|---|
| Heat-Resistant Class   | Class E (120 °C)  |
| Coil Saturation Temperature Rise $\Delta\theta_s$ (at 20 °C) | $\Delta\theta_s \doteq 17 \times W$ (°C)<br>$K \doteq 17$ (°C/watt) |
| Temperature Rise Time Constant $\tau$                        | 5 (minutes)   |
| Insulation Resistance  | 500V DC MEGA, 100M $\Omega$ or more                                 |
| Dielectric Strength  | 1000V AC, 50/60 Hz, 1 minute  |
| Rotor Inertia  | 1.8 (g·cm <sup>2</sup> )  |
| Mass   | 50 (g)  |

### ◆ Coil Data

| Duty Cycle                       | 100%                       | 50%          | 25%  | 10%  | 5%    |
|----------------------------------|----------------------------|--------------|------|------|-------|
|                                  | Continuous                 | Intermittent |      |      |       |
| Max. ON Time [sec.]              | $\infty$                   | 150.1        | 75.0 | 30.0 | 15.0  |
| Power at 20 °C [W]               | 4.7                        | 9.4          | 18.8 | 47.0 | 94.1  |
| Resistance at 20 °C [ $\Omega$ ] | Voltage [V <sub>DC</sub> ] |              |      |      |       |
| 8.0 (standard)                   | 6.1                        | 8.6          | 12.2 | 19.3 | 27.4  |
| 27.5                             | 11.3                       | 16.0         | 22.7 | 35.9 | 50.8  |
| 53.0                             | 15.7                       | 22.3         | 31.5 | 49.9 | 70.6  |
| 110.0                            | 22.7                       | 32.1         | 45.4 | 71.9 | 101.7 |

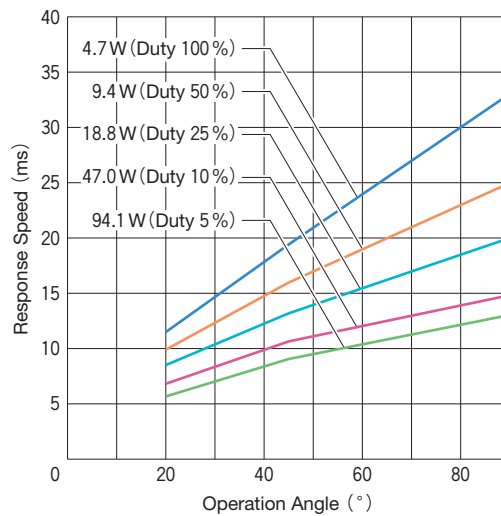


### ◆ Torque Data

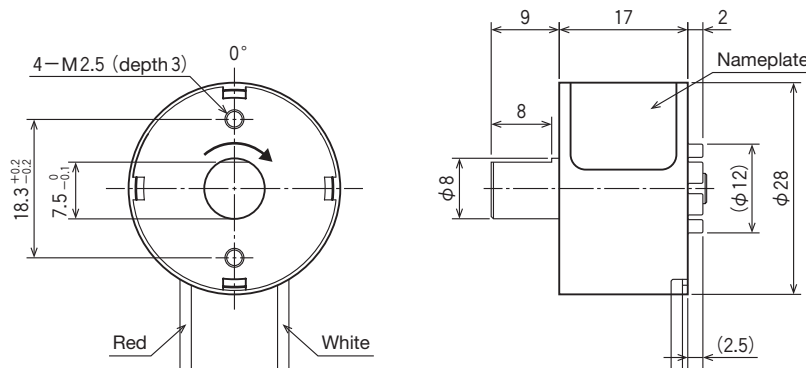


### ◆ Response Data

(Load Inertia : 10.73g·cm<sup>2</sup>)



### ◆ 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).