RSR80/80-CAB0

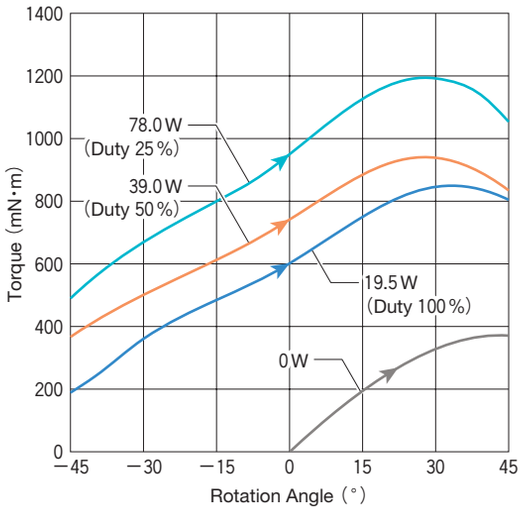
◆Main Specifications

Heat-Resistant Class	Class E (120℃)
Coil Saturation Temperature Rise $\Delta\theta_s$ (at 20℃)	$\Delta\theta_s \fallingdotseq 4.1 \times W$ (℃) $K \fallingdotseq 4.1$ (℃/watt)
Temperature Rise Time Constant τ	11 (minutes)
Insulation Resistance	500 V DC MEGA, 100 MΩ or more
Dielectric Strength	1000 V AC, 50/60 Hz, 1 minute
Rotor Inertia	350 (g·cm^2)
Mass	1,700 (g)

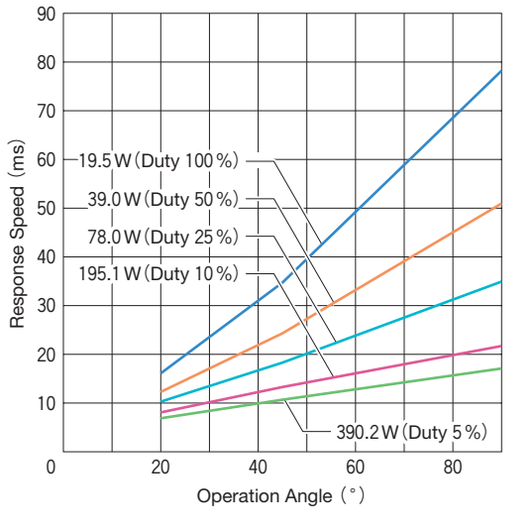
◆Coil Data

Duty Cycle	100 %	50 %	25 %	10 %	5 %
	Continuous	Intermittent			
Max. ON Time [sec.]	∞	330.2	165.1	66.0	33.0
Power at 20℃ [W]	19.5	39.0	78.0	195.1	390.2
Resistance at 20℃ [Ω]	Voltage [V_{DC}]				
3.0	7.6	10.8	15.2	24.1	34.2
6.0 〈standard〉	10.8	15.2	21.6	34.2	48.3

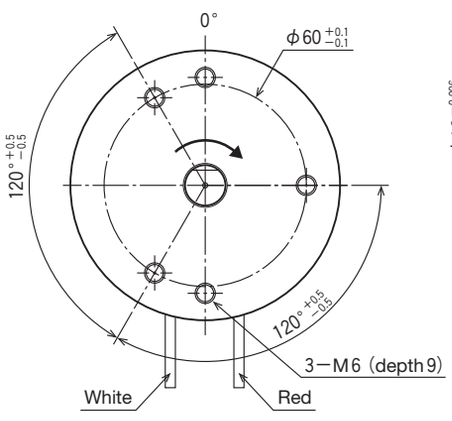
◆Torque Data

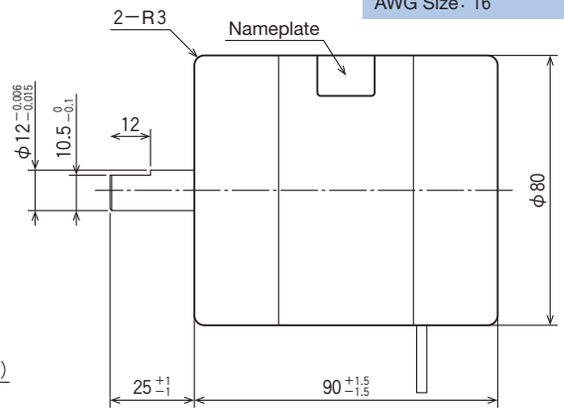


◆Response Data (Load Inertia : 425.41 g·cm^2)



◆External Dimensions (mm)





Terminal Specifications

Lead Wire Length (mm) : 240
AWG Size: 16

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).