RSR 14/20-CT 2

◆Main Specifications

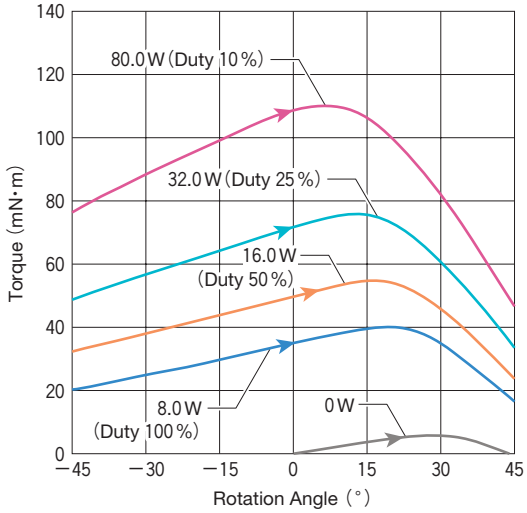
Heat-Resistant Class	Class E (120℃)
Coil Saturation Temperature Rise $\Delta\theta_s$ (at 20℃)	$\Delta\theta_s \fallingdotseq 10 \times W$ (℃) $K \fallingdotseq 10$ (℃/watt)
Temperature Rise Time Constant τ	9 (minutes)
Insulation Resistance	500 V DC MEGA, 100 MΩ or more
Dielectric Strength	1000 V AC, 50/60 Hz, 1 minute
Rotor Inertia	6.2 (g·cm^2)
Mass	135 (g)



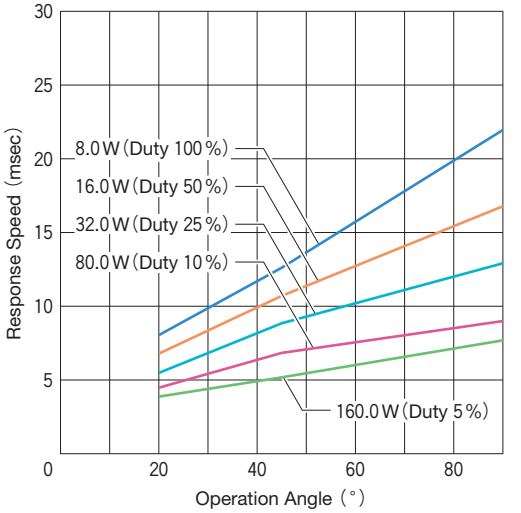
◆Coil Data

Duty Cycle	100 %	50 %	25 %	10 %	5 %
	Continuous	Intermittent			
Max. ON Time [sec.]	∞	270.0	135.0	54.0	27.0
Power at 20℃ [W]	8.0	16.0	32.0	80.0	160.0
Resistance at 20℃ [Ω]	Voltage [V_{DC}]				
10	8.9	12.6	17.8	28.2	40.0
20 〈standard〉	12.6	17.8	25.2	40.0	56.5
30	15.4	21.9	30.9	48.9	69.2
32	16.0	22.6	32.0	50.5	71.5

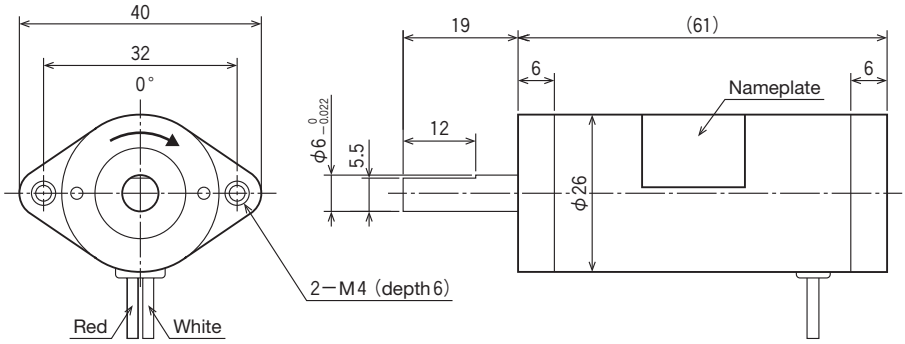
◆Torque Data



◆Response Data (Load Inertia : 10.94 g·cm^2)



◆External Dimensions (mm)



Terminal Specifications

Lead Wire Length (mm) : 300
Contact: 8230-4282 (Sumitomo Wiring Systems, Ltd.)
Housing: 6090-1031 (Sumitomo Wiring Systems, Ltd.)

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).