RSR10/15-S

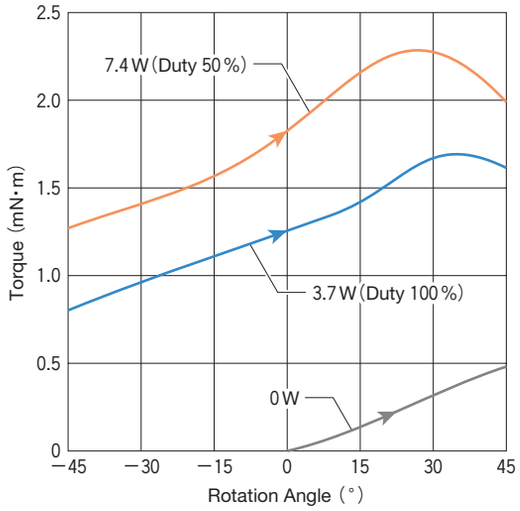
◆Main Specifications

Heat-Resistant Class	Class E (120℃)
Coil Saturation Temperature Rise $\Delta\theta_s$ (at 20℃)	$\Delta\theta_s \fallingdotseq 21.5 \times W$ (℃) $K \fallingdotseq 21.5$ (℃/watt)
Temperature Rise Time Constant τ	0.5 (minutes)
Insulation Resistance	500 V DC MEGA, 100 MΩ or more
Dielectric Strength	500 V AC, 50/60 Hz, 1 minute
Rotor Inertia	0.017 (g·cm^2)
Mass	8 (g)

◆Coil Data

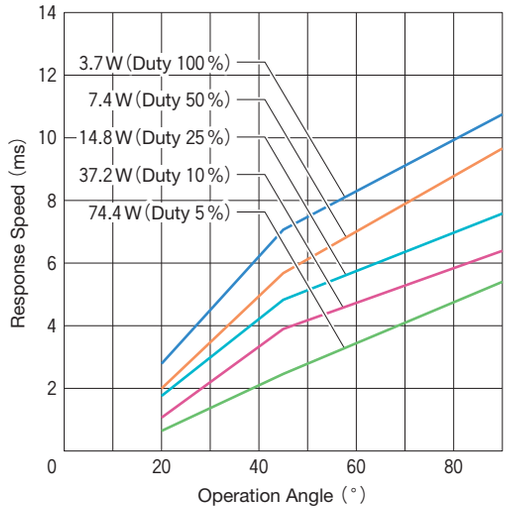
Duty Cycle	100 %	50 %	25 %	10 %	5 %
	Continuous	Intermittent			
Max. ON Time [sec.]	∞	15.0	7.5	3.0	1.5
Power at 20℃ [W]	3.7	7.4	14.8	37.2	74.4
Resistance at 20℃ [Ω]	Voltage [V_{DC}]				
13.0 〈standard〉	6.9	9.8	13.8	21.9	31.0
39.0	12.0	16.9	24.0	38.0	53.8

◆Torque Data



◆Response Data

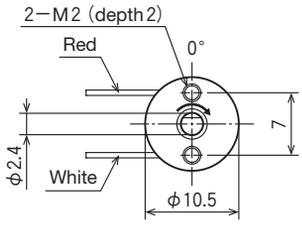
(Load Inertia : 0.45 g·cm^2)

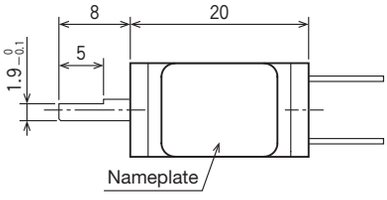


◆External Dimensions (mm)

Terminal Specifications

Lead Wire Length (mm) : 320
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).