

◆ Main Specifications

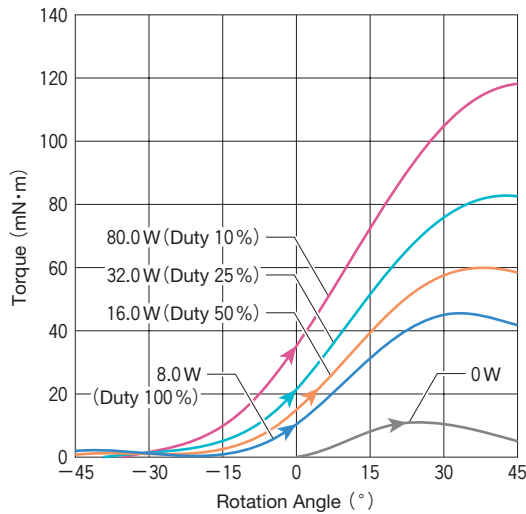
Heat-Resistant Class	Class E (120 °C)
Coil Saturation Temperature Rise $\Delta\theta_s$ (at 20 °C)	$\Delta\theta_s \doteq 10 \times W$ (°C) $K \doteq 10$ (°C/watt)
Temperature Rise Time Constant τ	9 (minutes)
Insulation Resistance	500 V DC MEGA, 100 M Ω or more
Dielectric Strength	1000 V AC, 50/60 Hz, 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 °C [W]	8.0	16.0	32.0	80.0	160.0
Resistance at 20 °C [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

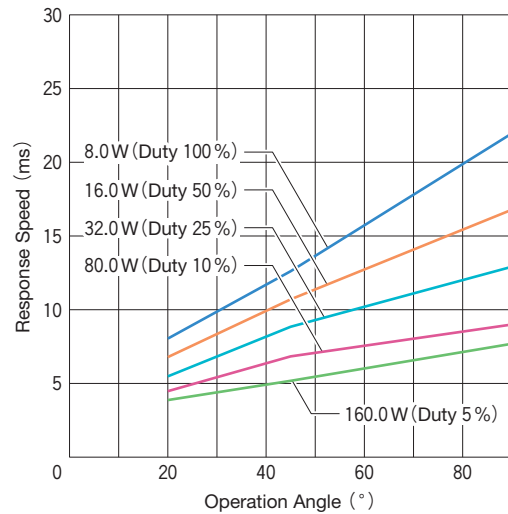


◆ Torque Data

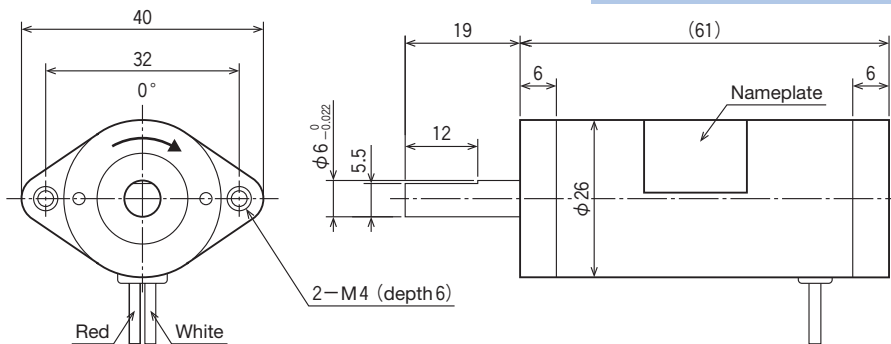


◆ Response Data

(Load Inertia : 10.94 g·cm²)



◆ External Dimensions (mm)



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).

Terminal Specifications

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