

### Main Specifications

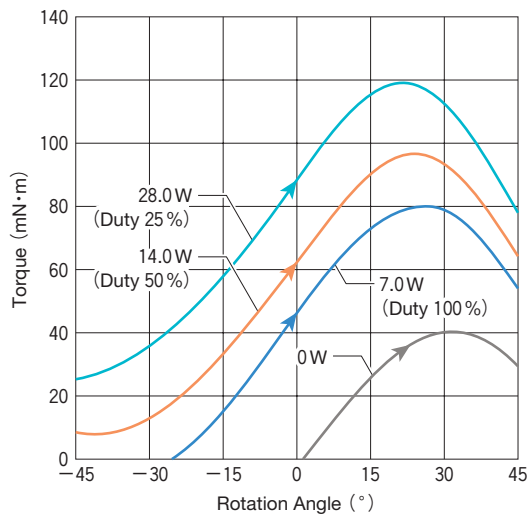
Heat-Resistant Class	Class H (180°C)
Coil Saturation Temperature Rise $\Delta\theta_s$ (at 20°C)	$\Delta\theta_s \doteq 20 \times W$ (°C) $K \doteq 20$ (°C/watt)
Temperature Rise Time Constant $\tau$	5 (minutes)
Insulation Resistance	500V DC MEGA, 100 M $\Omega$ or more
Dielectric Strength	1000V AC, 50/60 Hz, 1 minute
Rotor Inertia	2.1 (g·cm <sup>2</sup> )
Mass	80 (g)



### Coil Data

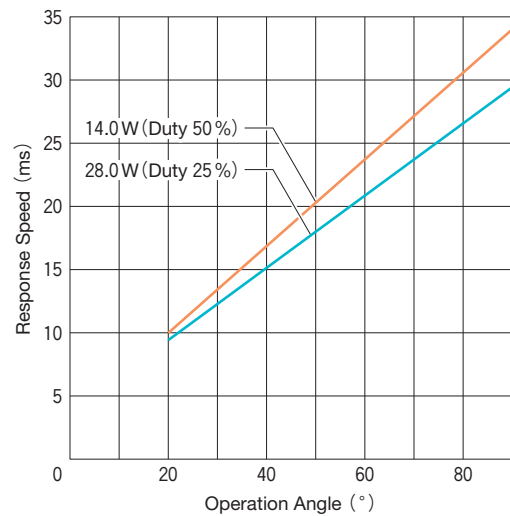
Duty Cycle	100%	50%	25%	10%	5%
	Continuous	Intermittent			
Max. ON Time [sec.]	$\infty$	150.0	75.0	30.0	15.0
Power at 20°C [W]	7.0	14.0	28.0	70.0	140.0
Resistance at 20°C [ $\Omega$ ]	Voltage [V <sub>DC</sub> ]				
	10	8.3	11.8	16.7	26.4
20	11.8	16.7	23.6	37.4	52.9
30	14.4	20.4	28.9	45.8	64.8
32 <standard>	14.9	21.1	29.9	47.3	66.9

### Torque Data

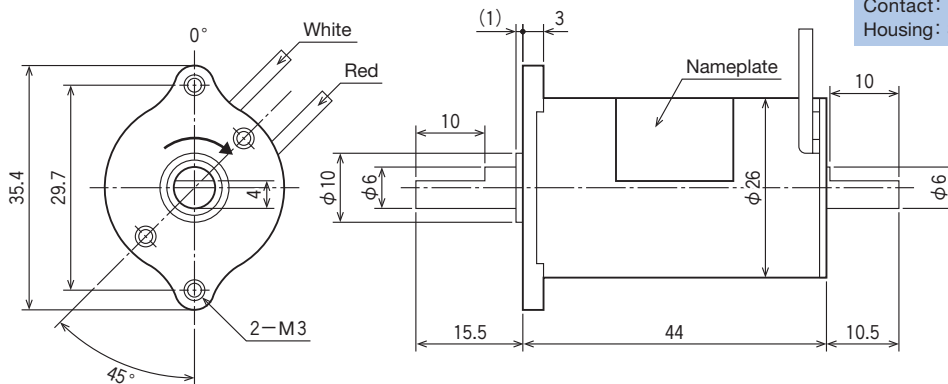


### Response Data

(Load Inertia : 3.97 g·cm<sup>2</sup>)



### External Dimensions (mm)



### Terminal Specifications

Lead Wire Length (mm) : 70  
Contact : BYM-001 T-0.6 (JST)  
Housing : SMR-02V-B (JST)

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).