

## ◆ Main Specifications

Model Number	RSE32/47-C020	RSE32/47-D038
Working Voltage	24 (V DC)	
DC Resistance	20 ( $\Omega$ )	38 ( $\Omega$ )
Duty Cycle	20 (%) or less	
Coil Saturation Temperature Rise $\Delta\theta_s$ (at 20 °C)	$\Delta\theta_s \doteq 18 \times W$ (°C) $K \doteq 18$ (°C/watt)	
Heat-Resistant Class	Class F (155 °C)	
Insulation Resistance	500 V DC MEGA, 100 M $\Omega$ or more	
Dielectric Strength	600 V AC, 50/60 Hz, 1 second	
Mass	50 (g)	
Operating Angle	20 (°)	
Non-Excited Holding Force	0.015 (N·m)	
Starting Torque *1	0.02 (N·m)	
Life Cycle/Durability *2	10,000,000 (cycles)	
Response Speed *3	10 (msec) or less	12 (msec) or less

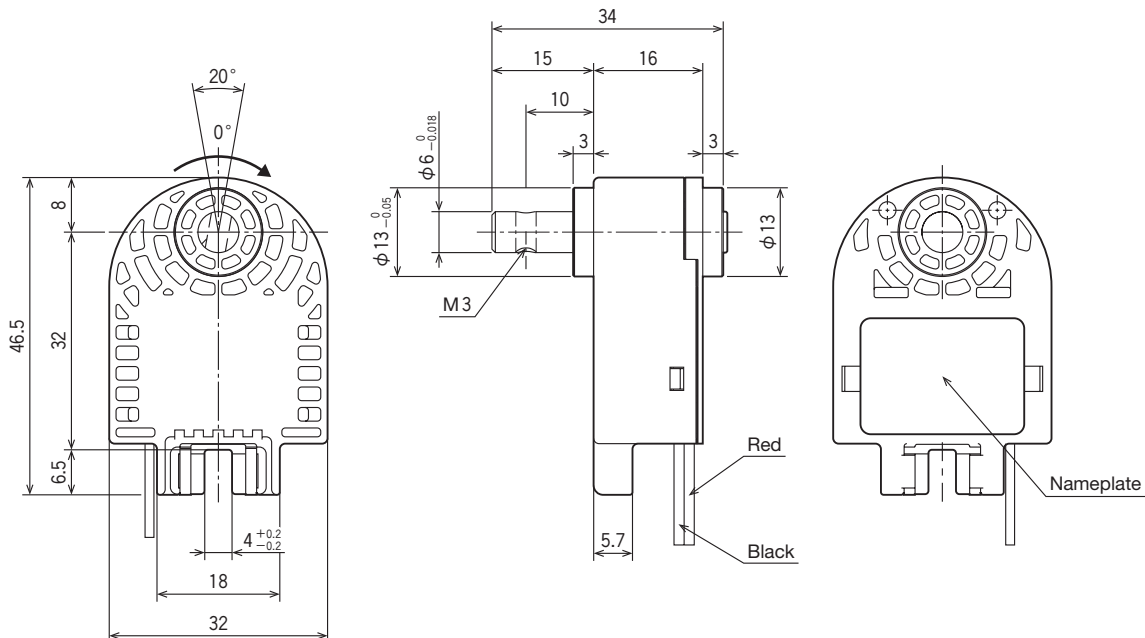
\* 1: when applied voltage = 24V DC.

\* 2: durability conditions: measured by Takano Co. in a standard testing environment, with a load of inertia 30 g·cm<sup>2</sup>, shaft in a horizontal position, duty cycle 20 %, applied voltage 24V DC, using a Takano driver.

\* 3: measurement conditions: measured by Takano Co. in a standard testing environment, with a load of inertia 30 g·cm<sup>2</sup>, shaft in a horizontal position, applied voltage 24V DC.



## ◆ External Dimensions (mm)



## Terminal Specifications

Lead Wire Length (mm) : 200  
 AWG Size : 26  
 Thermal Fuse: Nominal Operating Temperature: 145 °C

When a positive electrode (+) is connected to the Red lead wire, and a negative (-) electrode to the Black lead wire, the shaft rotates clockwise (in the direction shown by the arrow).