RSE32/47-C Series

◆Main Specifications

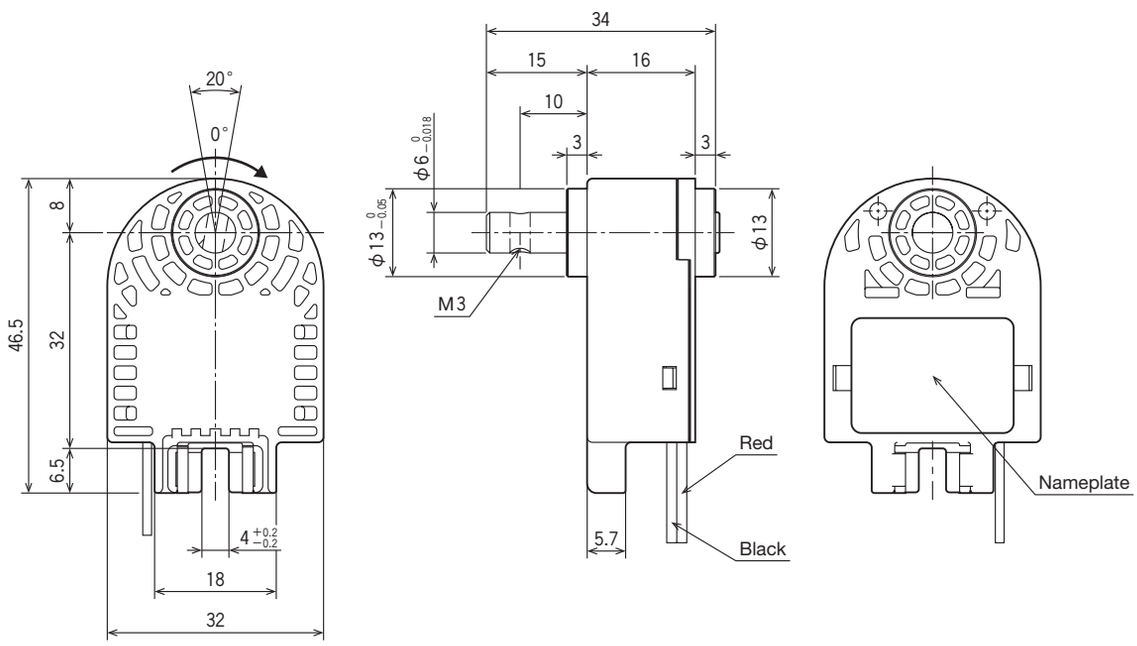
Model Number	RSE32/47-C020	RSE32/47-C038
Working Voltage	24 (V DC)	
DC Resistance	20 (Ω)	38 (Ω)
Duty Cycle	20 (%) or less	
Coil Saturation Temperature Rise $\Delta\theta_s$ (at 20℃)	$\Delta\theta_s \fallingdotseq 18 \times W$ (℃) $K \fallingdotseq 18$ (℃/watt)	
Heat-Resistant Class	Class F (155℃)	
Insulation Resistance	500 V DC MEGA, 100 MΩ 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 (ms) or less	12 (ms) or less

*1: when applied voltage = 24 V DC.
*2: durability conditions: measured by Takano Co. in a standard testing environment, with a load of inerta 30 g·cm², shaft in a horizontal position, duty cycle 20 %, applied voltage 24 V DC, using a Takano driver.
*3: measurement conditions: measured by Takano Co. in a standard testing environment, with a load of inerta 30 g·cm², shaft in a horizontal position, applied voltage 24 V DC.

◆External Dimensions (mm)

Terminal Specifications

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



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).