

# TSR-06

## FEATURES

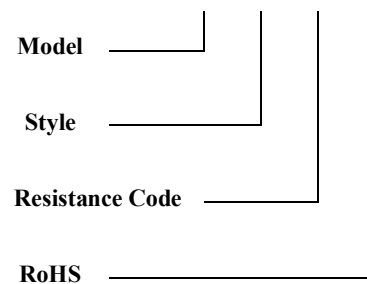
- Rated Power: 2W
- 10 Turns
- Precision Adjustable
- Reliable Performance
- Small Size
- High Precision



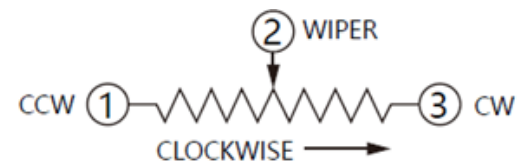
Electrical Characteristics	
Standard Resistance Range	100Ω-100KΩ
Resistance Tolerance	±5%
Linearity	±0.5%
Effective Electrical Stroke	≥3600°-10°
Terminal resistance	≤0.2%R or 5Ω
Rotating Noise	≤3%R or 3Ω
Insulation Resistance	RI≥1GΩ
Withstanding Voltage	101.3kPa 710V, 8.5kPa 470V

## How to Order

TSR - 06 - 101 - R



Environmental Characteristics	
Power Rating(300 volts max.)	2W@+70°C, 0W@+125°C
Operating Temp. Range	-55°C~+125°C
Temperature Coefficient	±100ppm/°C
Temperature Variation	ΔR≤2%R, Δ(Uab/Uac)≤±1%
Collision	390m/s <sup>2</sup> , 4000cycles, R≤±1%R
Vibration	10-500Hz,0.75mm, or 98m/s <sup>2</sup> ,6hΔR≤±1%R. Δ(Uab/Uac)≤±2%
Climate Sequence	ΔR≤±3%R, RI≥100MΩ
70°C Electrical Endurance	2W, 1000h, ΔR≤±3%R
Rotational Life	10000(cycles), ΔR≤±3%R
Steady State Heat	ΔR≤±3%R, RI≥100MΩ



## Resistance Table

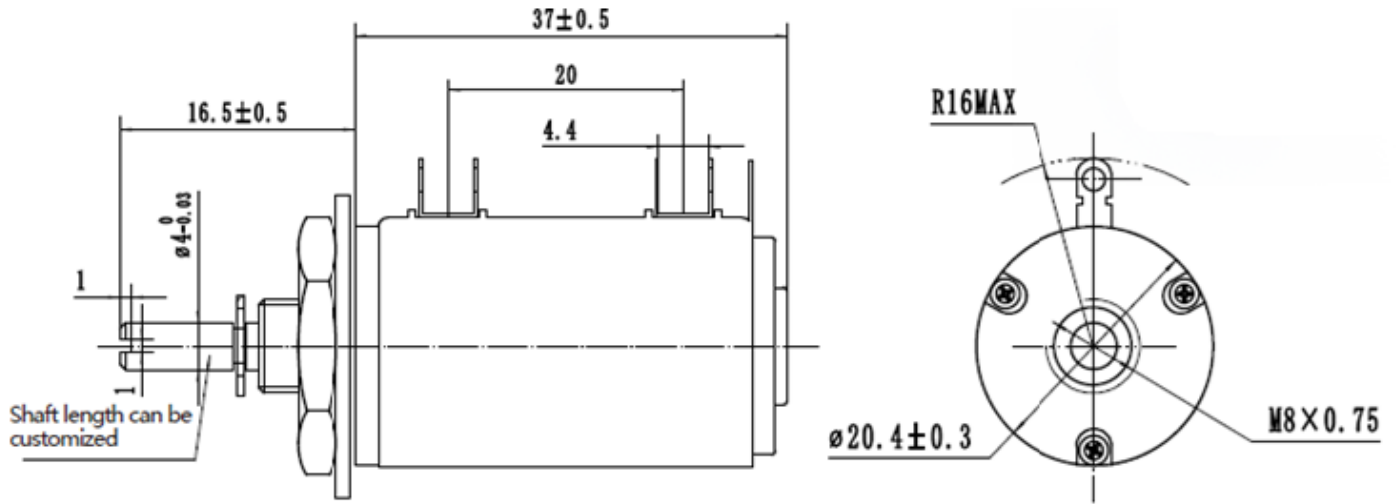
Resistance(Ohms)	Resistance Code
100	101
220	221
470	471
1,000	102
2,200	222
4,700	472
10,000	103
22,000	223
47,000	473
100,000	104

Physical Characteristics	
Mechanical Angle	3600°±10°
Starting Torque	≤36 mN.m
Stop Strength	≤300 mN.m
Standard Packaging	20 Pieces/Inner Box

# TSR-06

**Product Dimensions:mm**

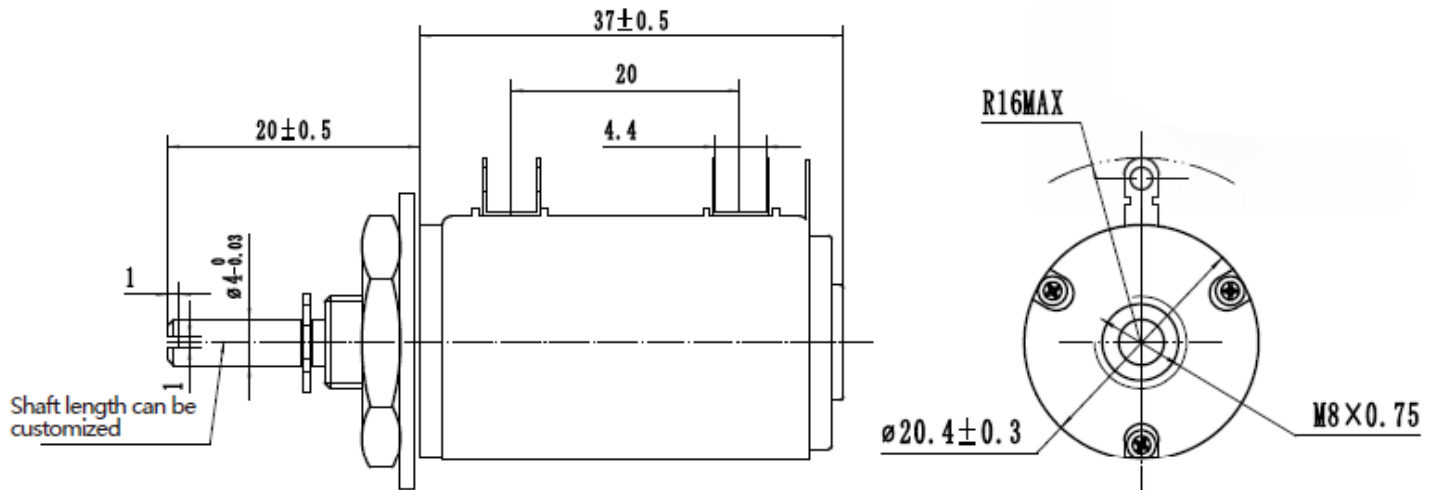
**TSR-06 16mm**



DIMENSIONS: MM

TOLERANCES:  $\pm 0.3$  MM EXCEPT WHERE NOTED

**TSR-06 20mm**



DIMENSIONS: MM

TOLERANCES:  $\pm 0.3$  MM EXCEPT WHERE NOTED

Support special customization (5 turns/3 turns, semicircular shaft/flat shaft, long shaft/short shaft etc.

Note: Specifications are subject to change without notice. For more detail and update, please visit our website.