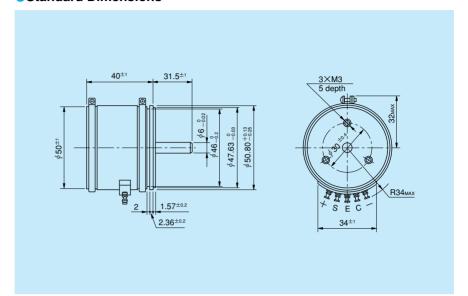
Sakae

# **Model SCB50** Terminal Connection Diagram

### Standard Dimensions



## General Specifications

**Standard Resistance** 

500  $\Omega$  to 10k  $\Omega$ Range:

Max. Practical

**Resistance Value:**  $20k\,\Omega$ 

**Total Resistance** 

Standard Class ±5% (J) **Tolerance:** 

Precision Class ±3% (H)

Conformity

Standard Class ±1.0% **Tolerance:** 

Precision Class  $\pm 0.5\%$  (Over  $5k\Omega$ ) (Peak-Peak)

 $\pm 0.7\%$  (Within 5k $\Omega$ )

2.0W **Power Rating:** 

Within  $100 \Omega$  E.N.R. Noise: 360° (Endless) **Electrical Travel:** 360° (Endless) **Mechanical Travel:** 

Insulation Resistance: Over 1,000M  $\Omega$  at 1,000V.D.C. 1 minute at 1,000V.A.C. Dielectric Strength: Within 11mN·m (110gf·cm) **Starting Torque:** 

Max. Working Voltage: 250V

**Resist. Temperature** 

±20p.p.m./°C **Coefficient of Wire:** Mass: Approx. 160g

# Standard Resistance Values ■No. of Wire Turns ■Resistance Wire Used

Resist. Value (Ω)	500	1k	2k	5k	10k	<b>%20k</b>
No. of Wire Turns	1,000	1,400	1,800	1,800	2,000	2,500
Resist. Wire Used	Cu-Ni System			Ni-Cr System		

Note: Mark \*\*shows value at special higher practical resistance.

## Special Specifications Available

Multi-ganged (Available up to 3 gangs. Housing length is extended by 30mm per 1 gang), Rear shaft (6mm dia. and 15mm length), Bushingmount type, Inch dimensional shaft dia. (  $\phi$  6.35mm), Special machining on the shaft, Oil-filled type.