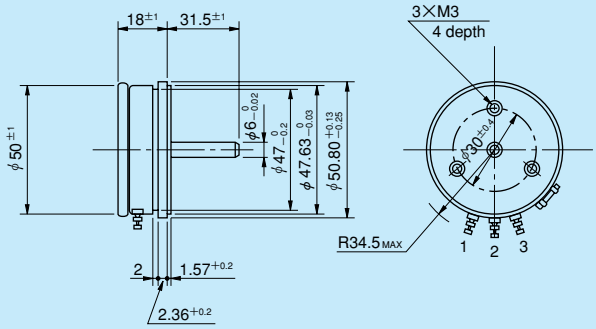
Model CP50

●Standard Dimensions



●General Specifications

Standard Resistance Range:	50Ω to 20kΩ
Max. Practical Resistance Value:	50kΩ
Total Resistance Tolerance:	Standard Class ±3% (H) Precision Class ±1% (F)
Independent Linearity Tolerance:	Standard Class ±0.5% Precision Class ±0.1% (±0.2% in case of within 2kΩ)
Power Rating:	1.5W
Noise:	Within 100Ω E.N.R.
Electrical Travel:	355° ±3°
Mechanical Travel:	360° (Endless)
Insulation Resistance:	Over 1,000MΩ at 1,000V.D.C.
Dielectric Strength:	1 minute at 1,000V.A.C.
Starting Torque:	Within 5mN・m (50gf・cm)
Resist. Temperature Coefficient of Wire:	±20p.p.m./℃
Mass:	Approx. 120g

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

Resist. Value (Ω)	50	100	200	500	1k	2k	5k	10k	20k	※50k
No, of Wire Turns	500	650	800	1,100	1,000	1,250	1,810	2,180	2,780	3,500
Resist. Wire Used	Cu-Ni System				Ni-Cr System					

Note: Mark ※shows value at special higher practical resistance.

●Special Specifications Available

Lower resistance values (10Ω, 20Ω), Extra taps (Available up to 10 taps), Multi-ganged (Available up to 7 gangs. Housing length is extended by 12mm per 1 gang), Bushingmount type, Shaft with front and rear extension (Rear shaft with 6mm dia. and 15mm length), Spring return device incorporated (Automatically returning to the zero position), With stopper (Rotating angle becomes 330° and stopper strength is 0.9N・m [9kgf・cm]), Special electrical travel, Shaft dia. (φ 6.35mm) with inch dimensions, Special machining on the shaft.