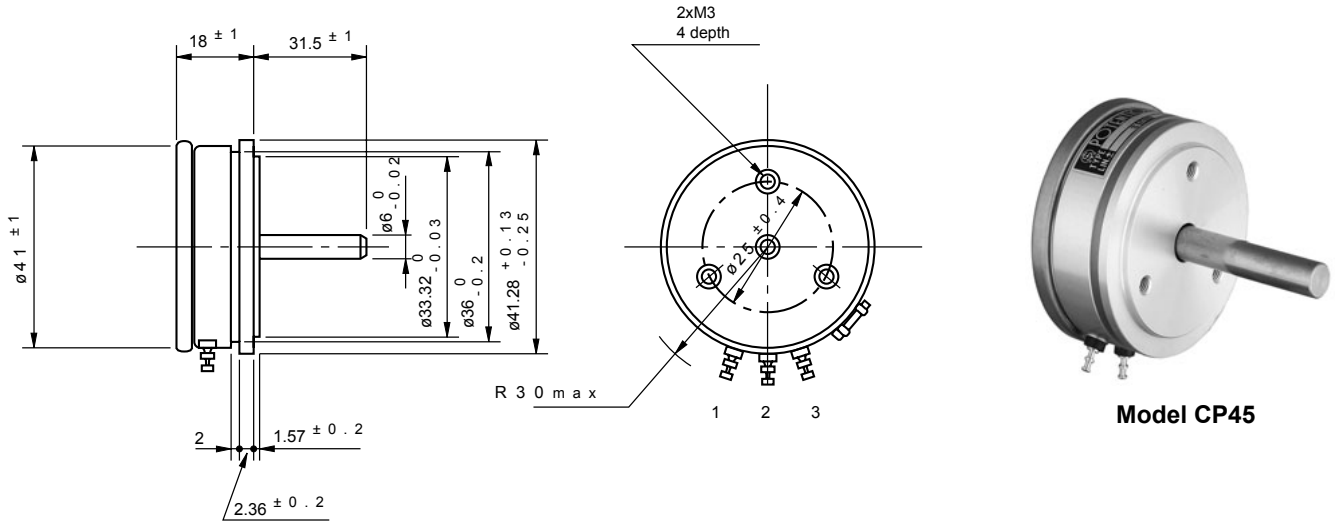




# CP45

## Wirewound (Servomount)

### Standard dimensions



### General Specifications

#### Standard Resistance

<b>Range:</b>	50Ω to 20kΩ
<b>Max. Practical Resistance Value:</b>	50kΩ
<b>Total Resistance Tolerance:</b>	Standard Class ±3%(H) Precision Class ±1%(F)

#### Independent Linearity

<b>Tolerance:</b>	Standard Class ±0.5% Precision Class ±0.1%
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**Power Rating:** 1.0W

<b>Noise:</b>	Within 100Ω E.N.R.
<b>Electrical Travel:</b>	355° ±3°
<b>Mechanical Travel:</b>	360° (Endless)
<b>Insulation Resistance:</b>	Over 1,000MΩ at 1,000 V.D.C
<b>Dielectric Strength:</b>	1 minute at 1,000 V.A.C.
<b>Starting Torque:</b>	Within 4mN·m (40gf·cm)
<b>Resist. Temperature Coefficient of Wire:</b>	±20p.p.m./°C
<b>Mass:</b>	Approx. 90g

### 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	4 5 0	5 7 0	7 2 0	9 5 0	8 2 0	1, 0 4 0	1, 4 3 0	1, 7 9 0	2, 2 8 0	3, 1 0 0
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 5 taps), multi-ganged (available up to 7 gangs. Housing length is extended by 12mm per 1 gang), shaft with front and rear extension (rear shaft with 6mm dia. and 15mm length), bushingmount type, with stopper (rotating angle becomes 330° and stopper strength is 0.9N·m [9kgf·cm]), special electrical travel, shaft dia. (ø6.35mm) with inch dimensions, special machining on the shaft.

LEADERS IN SENSORS & HEAVY DUTY JOYSTICKS

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