

MODEL 20HHP

● Hybrid ● Bushingmount ● Servomount ● RoHS Compliant

Multi turn ▶ Contact type ▶ Hybrid



Model 20HHP-10S
(Bushingmount)



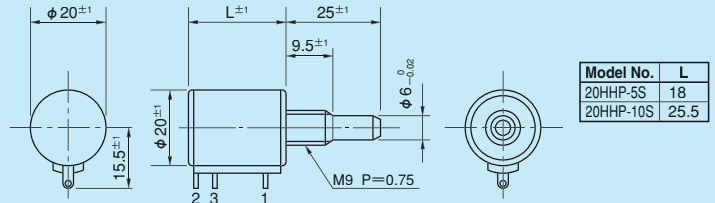
Model 20HHP-10S
(Servomount)

Standard Model Numbers

Bushingmount type	
5-turn models	20HHP-5S
10-turn models	20HHP-10S
Servomount type	
5-turn models	20HHP-5S
10-turn models	20HHP-10S

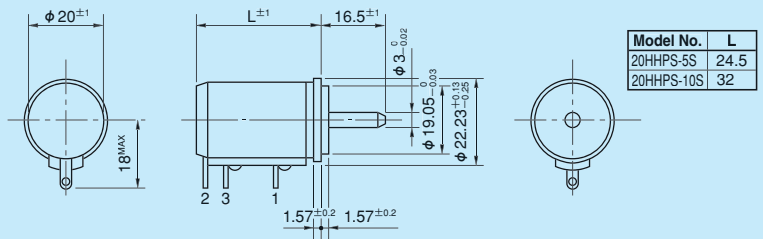
Standard Dimensions

- Bushingmount type
- With lug terminals



Note: 1 pc. of inner teeth washer & 2 pcs. of hex nuts are attached.

- Servomount type



General Specifications

Standard Resistance Values	1k,2k,5k,10k,20k,50k (Ω) (5-turn) 2k,5k,10k,20k,50k,100k (Ω)(10-turn)
Total Resistance Tolerance	Standard Class ±10% (K) Precision Class ±5% (J)
Independent Linearity Tolerance	5-turn 10-turn
	Standard Class ±0.35% ±0.25% Precision Class ±0.2% ±0.1%
Resolution	Essentially infinite
Output Smoothness	Within 0.05% against input voltage (5-turn) Within 0.015% against input voltage (10-turn)
Contact Resistance Variation	Within 5% C.R.V. (5-turn) Within 3% C.R.V. (10-turn)
Power Rating	1.0W (5-turn) 2.0W (10-turn)
Electrical Travel	360° × n ± 5° (n: No. of turns)

Mechanical Travel	360° × n + 10° 0 (n: No. of turns)
Insulation Resistance	Over 100MΩ at 1,000V.D.C.
Dielectric Strength	1 minute at 1,000V.A.C.
Starting Torque	Within 5mN · m (50gf · cm) (Bushingmount type)
	Within 3mN · m (30gf · cm) (Servomount type)
Stopper Strength	Approx. 0.9N · m (9kgf · cm) (Bushingmount type)
	Approx. 0.6N · m (6kgf · cm) (Servomount type)
Resistance Temperature Coefficient	±100p.p.m./°C
Mass	Approx. 20g (5-turn)
	Approx. 25g (10-turn)

Special Specifications Available

(In the case of the potentiometer with special specifications, the general specifications and environmental specifications may change. Please consult us in advance.)

- Extra tap (Available up to 1 tap)
- Multi-ganged (Available up to 2 gangs)
- Shaft with front and rear extension (Rear shaft with 2mm dia. and 10mm length)
- Shaft dia. (φ 6.35mm for 20HHP, φ 3.175mm for 20HHP-5S) & bushing with inch dimension
- Special machining on the shaft
- With slipping-clutch (20mN · m ~ 60mN · m)
- With a limit-switch adaptor
- Simple sealed housing (except servomount type)