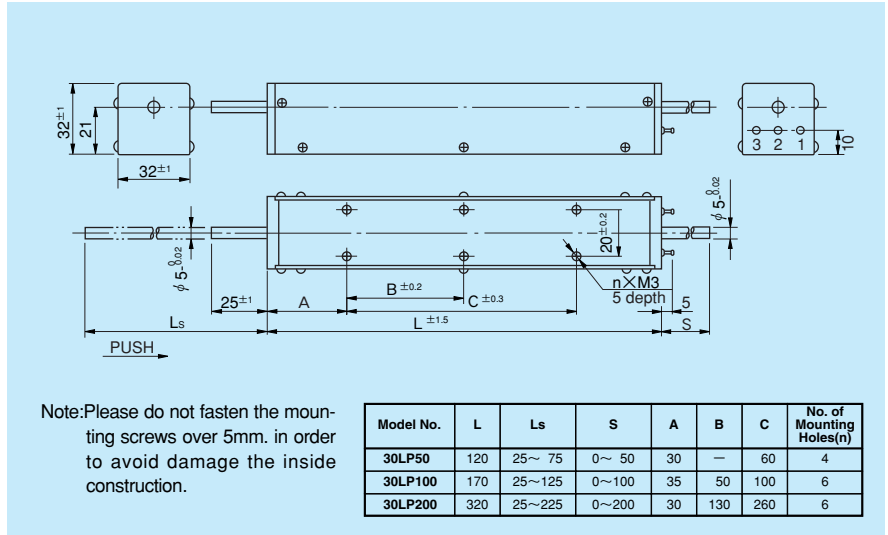


Model 30LP100

● Standard Dimensions



● Standard Model Nos.

- 30LP50 Stroke 50mm
- 30LP100 Stroke 100mm
- 30LP200 Stroke 200mm

● General Specifications

Model No.	30LP50	30LP100	30LP200
Standard Resistance Range	50Ω~10kΩ	50Ω~20kΩ	100Ω~50kΩ
Total Resistance Tolerance	Standard Class ±5% (J)		
	Precision Class ±3% (H)		
Independent Linearity Tolerance	Standard Class	±0.7%	±0.5%
	Precision Class	±0.4%	±0.25%
Power Rating	0.75W	1.0W	2.0W
Noise	Within 100Ω E.N.R.		
Electrical Stroke	50±0.5mm	100±0.5mm	200±0.5mm
Mechanical Stroke (MS)	50 ⁺² ₀ mm	100 ⁺² ₀ mm	200 ⁺² ₀ mm
Insulation Resistance	Over 100MΩ at 1,000V.D.C.		
Dielectric Strength	1 minute at 1,000V.A.C.		
Friction	Within 0.6N (60gf)	Within 0.6N (60gf)	Within 0.8N (80gf)
Stopper Strength	Approx. 90N (9kgf)		
Max. Working Voltage	200V		
Resistance Temperature Coefficient of Wire	±20 p.p.m./°C		
Mass	Approx. 170g	Approx. 220g	Approx. 300g

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

Resist. Value (Ω)	50	100	200	500	1k	2k	5k	10k	20k	50k
30LP50	260	340	420	400	500	650	900	1,100	—	—
30LP100	400	530	670	900	900	1,000	1,200	1,600	2,400	—
30LP200	—	800	1,060	1,530	1,800	1,800	2,150	2,400	3,200	4,800
Resist. Wire Used	Cu-Ni System					Ni-Cr System				

● Special Specifications Available

Stroke 150mm(S30LP150), Stroke 300mm (S30LP300), Stroke 400mm (S30LP400), Extra taps (Available up to 1 tap), Spring return device incorporated (Friction is approx. 2N [200gf].), Limit switch (Available up to 2 switches), Special machining on the shaft, Dual resistive elements, Connector.