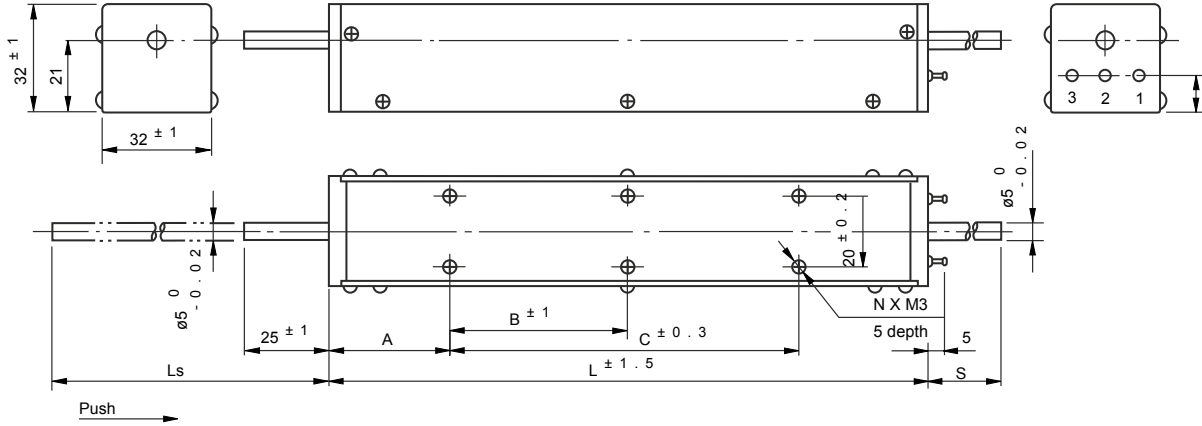




Model 30LP

Wirewound (With front and rear extended shaft)

Standard dimensions



Model 30LP100

Model no:	L	Ls	S	A	B	C	No of mounting of holes
30LP50	120	25~75	0~50	30	-	60	4
30LP100	170	25~125	0~100	35	50	100	6
30LP150	320	25~225	0~200	30	130	260	6

Note: Please do not fasten the mounting screws over 5 mm in order to avoid damaging the inside construction

Standard Model Nos.

18LP50	stroke	50mm
18LP100	stroke	100mm
18LP200	stroke	200mm

General specifications

Model No.	18LP15	18LP30	18LP50
Standard Resistance Range	50 (Ω) ~ 10k (Ω)	50 (Ω) ~ 20k (Ω)	100(Ω) ~ 50k (Ω)
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 100 Ω 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 100M Ω at 1,000V.D.C.		
Dielectric Strength	1 minute at 1,000 V.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.

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