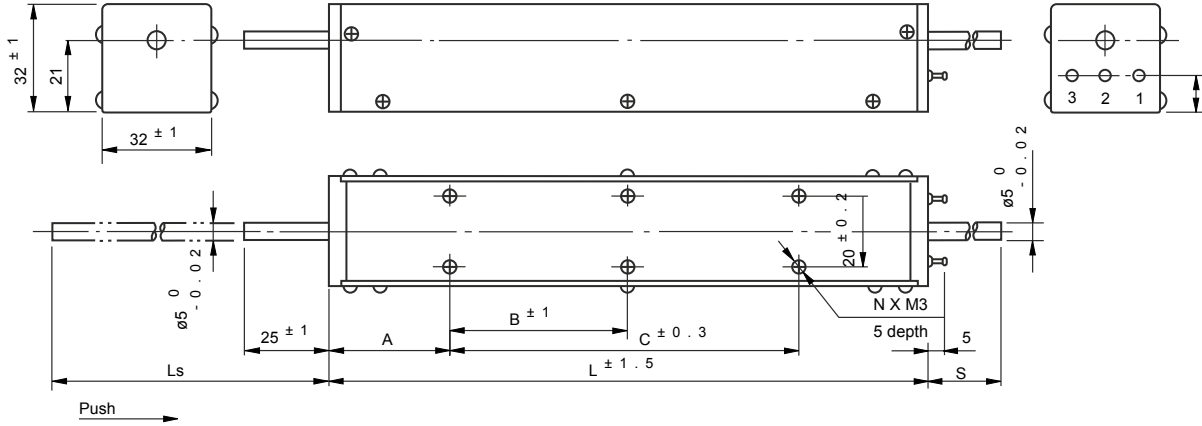




# Model 30LP

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 <sup>+2</sup> / <sub>0</sub> mm	100 <sup>+2</sup> / <sub>0</sub> mm	200 <sup>+2</sup> / <sub>0</sub> 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 ( $\Omega$ )	50	100	200	500	1k	2k	5k	10k	20k	50k
<b>30LP50</b>	260	340	420	400	500	650	900	1.100	-	-
<b>30LP100</b>	400	530	670	900	900	1.000	1.200	1.600	2.400	-
<b>30LP200</b>	-	800	1.060	1.530	1.800	1.800	2.150	2.400	3.200	4.800
<b>Resist. Wire Used</b>	<b>Cu-Ni System</b>					<b>Ni-Cr System</b>				

■ **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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