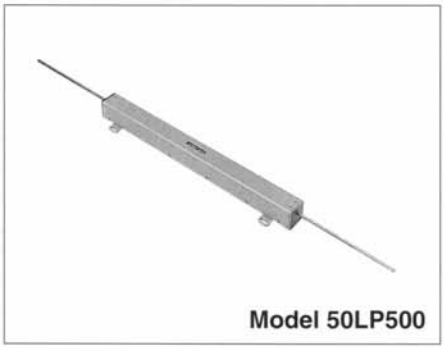
Sakae

Wirewound **MODEL 50LP** (50LP300, 50LP500: with front and rear extended shaft
50LP1000: with front extended shaft)

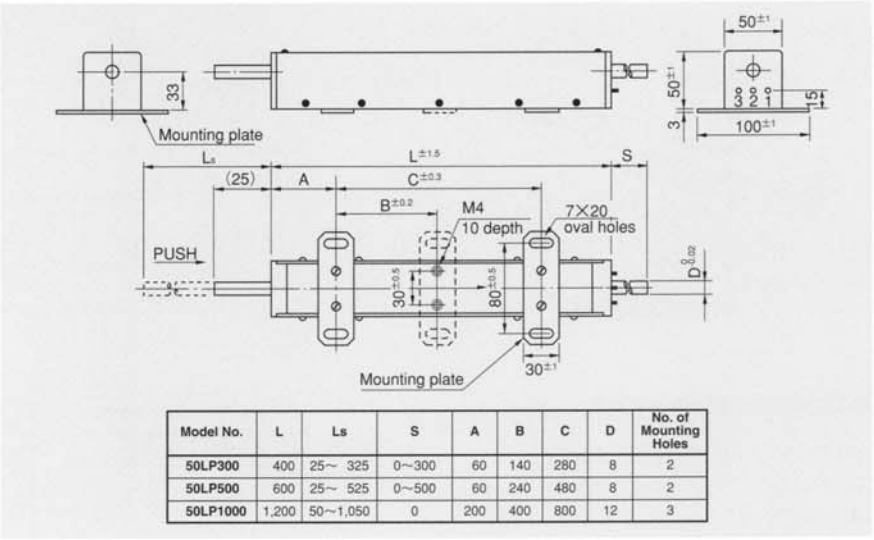


Model 50LP500

●Standard Model Nos.

50LP300	Stroke	300mm
50LP500	Stroke	500mm
50LP1000	Stroke	1,000mm

●Standard Dimensions



Model No.	L	Ls	S	A	B	C	D	No. of Mounting Holes
50LP300	400	25~ 325	0~300	60	140	280	8	2
50LP500	600	25~ 525	0~500	60	240	480	8	2
50LP1000	1,200	50~1,050	0	200	400	800	12	3

●General Specifications

Model No.		50LP300	50LP500	50LP1000
Standard Resistance Range		200Ω~50kΩ	500Ω~100kΩ	500Ω~200kΩ
Total Resistance Tolerance	Standard Class	±5% (J)		
	Precision Class	±3% (H)		
Independent Linearity Tolerance	Standard Class	±0.3%	±0.25%	
	Precision Class	±0.15%	±0.1%	
Power Rating		3.0W	5.0W	9.0W
Noise		Below 100Ω E.N.R.		
Electrical Stroke		300±1mm	500±1mm	1,000±1mm
Mechanical Stroke (MS)		300^{+2}_{0}mm	500^{+2}_{0}mm	$1,000^{+2}_{0}$mm
Insulation Resistance		Over 100MΩ at 1,000V.D.C.		
Dielectric Strength		1 minute at 1,000V.A.C.		
Friction		Below 4N (400gf)		
Stopper Strength		Approx. 90N (9kgf)		
Max. Working Voltage		300V		
Resistance Temperature Coefficient of Wire		±20 p.p.m./℃		
Mass		Approx. 2kg	Approx. 3kg	Approx. 5kg

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

Resist. Value (Ω)	200	500	1k	2k	5k	10k	20k	50k	100k	200k
50LP300	1,400	1,900	2,400	2,200	3,000	3,800	4,750	6,450	—	—
50LP500	—	2,600	3,300	4,150	4,000	5,100	6,600	8,900	11,300	—
50LP1000	—	4,650	5,200	6,600	9,100	8,000	10,200	14,200	17,800	22,600
Resist. Wire Used	Cu-Ni System					Ni-Cr System				

●Special Specifications Available

Extra taps (Available up to 1 tap), Spring return device incorporated (Only available in models 50LP300 and 50LP500. Friction is approx. 6N [600gf].), With limit-switches (Available up to 2 switches), Special machining on the shaft, Dual resistive elements, With a connector.