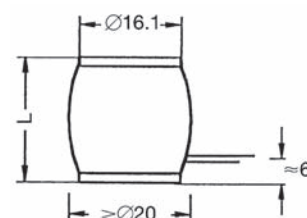


PSt 1000/16/...

Maximum load: 15000 N

Maximum force generation: 12000 N

Open loop sensitivity for 10 mV noise at PSt 1000/16/5: approx. 0.05 Nanometer



Type	max. stroke μm	length mm	el. capacitance nF	stiffness N/μm	resonance frequency kHz
PSt 1000/16/5	12/7	9	60	800	60
PSt 1000/16/15	25/17	18	150	400	40
PSt 1000/16/40	55/40	36	360	200	25
PSt 1000/16/60	80/60	54	540	120	20
PSt 1000/16/80	105/80	72	720	90	15
PSt 1000/16/>100	>100	on request			

Options:

End pieces for fixed and moving end on request

Materials HP, HS

HT on request

Low temperature modification

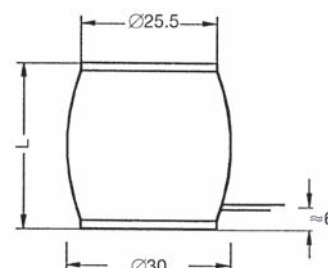
UHV modification

PSt 1000/25/...

Maximum load: 35000 N

Maximum force generation: 25000 N

Open loop sensitivity for 10 mV noise at
PSt 1000/25/5: approx. 0.05 Nanometer



Type	max. stroke μm	length mm	el. capacitance nF	stiffness N/μm	resonance frequency kHz
PSt 1000/25/5	12/7	9	140	1800	60
PSt 1000/25/15	25/17	18	350	900	40
PSt 1000/25/40	55/40	36	800	450	25
PSt 1000/25/60	80/60	54	1250	300	20
PSt 1000/25/80	105/80	72	1700	200	15
PSt 1000/25/>100	>100	on request			

Options:

End pieces for fixed and moving end on request

Materials HP, HS

HT on request

Low temperature modification

UHV modification

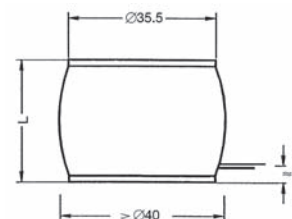
PSt 1000/35/...

Maximum load: 70000 N

Maximum force generation: 50000 N

Open loop sensitivity for 10 mV noise a

tPSt 1000/35/5: approx. 0.05 Nanometer



Type	max. stroke μm	length mm	el. capacitance nF	stiffness N/μm	resonance frequency kHz
PSt 1000/35/5	12/7	9	300	4000	60
PSt 1000/35/15	25/17	18	800	2000	40
PSt 1000/35/40	55/40	36	1600	1000	25
PSt 1000/35/60	80/60	54	2500	600	20
PSt 1000/35/80	105/80	72	3300	450	15
PSt 1000/35/>100	>100	on request			

Options:

End pieces for fixed and moving end on request

Materials HP, HSHT on request

Low temperature modification

UHV modification

Stroke A/B:

PSt 500: A: -100 V thru +500 V

B: -0 V thru +500 V

Max. force generation: for -100 V thru +500 V

PSt 1000: A: -200 V thru +1000 V

B: -0 V thru +1000 V

Max. force generation: for -200 V thru +1000 V