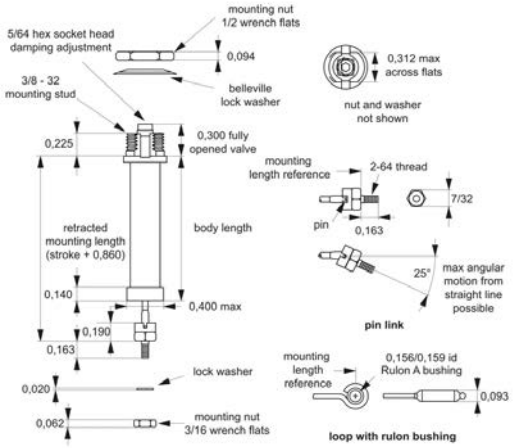
Push/Pull Dashpot

0.22“ bore



L4570

Material

Graphite carbon piston.
Annealed borosilicate glass cylinder.
Precision fire-polished bore.
Stainless steel piston rod (AISI 304)

Technical Notes

Damping coefficient = 0-0,16 N/(mm/s).
Friction coefficient = 0.2.
Force without side load: <1g.
Operating temperature range: -55°c to 150°c.

*If operating temperature is above +70°c, please advise at time of ordering.

Important Notes

Mounting data:
Mounting hole:
Rectangular = 0.312 x 0.375 (8mm x 10mm)
Round = 0.375“ (10mm)
Suggested mounting bracket thickness = 0.06 - 0.125 (1.52mm - 3.18mm)
Mounting nut torque:
Head = 4-8 in-lb (0.45 - 0.90 Nm)
Rod end = 1-3 in-lb (0.11-0.34 Nm)

Full stroke is obtained with customer held mounting tolerance of ±0.015“ (0.38mm).

Level of damping is adjustable by hand. If you know the level of damping required we can pre-set this in the factory.

Order No.	Stroke	Rod end linkage	Bore dia.	Pull damping force N max.	Push damping force N max.	Body length
L4570.A0500	0,5“	Pin	0,22“	2.22	1.55	0,937“
L4570.A1000	1,0“	Pin	0,22“	2.22	1.55	1,437“
L4570.A1500	1,5“	Pin	0,22“	2.22	1.55	1,937“
L4570.A2000	2,0“	Pin	0,22“	2.22	1.55	2,437“
L4570.B0500	0,5“	Loop	0,22“	2.22	1.55	0,937“
L4570.B1000	1,0“	Loop	0,22“	2.22	1.55	1,437“
L4570.B1500	1,5“	Loop	0,22“	2.22	1.55	1,937“
L4570.B2000	2,0“	Loop	0,22“	2.22	1.55	2,437“