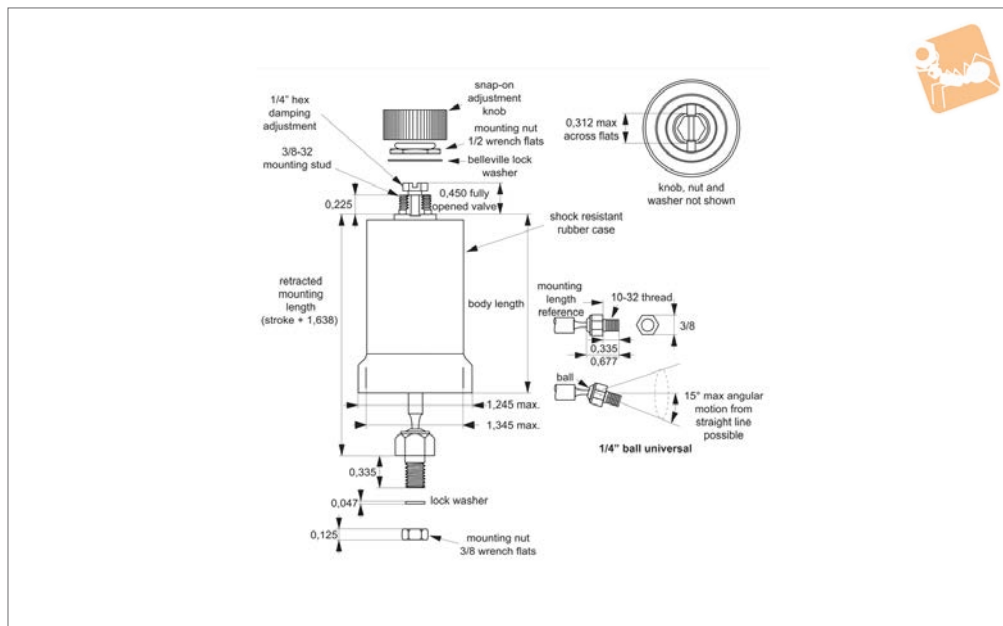




Push/Pull Dashpot

0.945" bore

Cylinders



L4576

CYLINDERS

Material

- Graphite carbon piston.
- Annealed borosilicate glass cylinder.
- Precision fire-polished bore.
- Aluminium 2024-T4 Piston rod.

Technical Notes

- Damping coefficient = 0-5,25 N/(mm/s).
- Friction coefficient = 0.2.
- Force without side load: <math>< 1g</math>.
- 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 - 0.093 (1.52mm - 2.36mm)
- Mounting nut torque:
- Head = 4-8 in-lb (0.45 - 0.90 Nm)
- Rod end = 5-15 in-lb (0.56-1.70 Nm)

Full stroke is obtained with customer held mounting tolerance of $\pm 0.015"$ (0.38mm).

B" ball joint linkage option only available with aluminium rod.

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	Damping direction	Rod end linkage	Bore dia.	Pull damping force N max.	Push damping force N max.	Body length
L4576.0500-TW	0,5"	Two-way	1/4" Ball	0,945"	40	31.1	1,296"
L4576.1000-TW	1,0"	Two-way	1/4" Ball	0,945"	40	31.1	1,796"
L4576.1500-TW	1,5"	Two-way	1/4" Ball	0,945"	40	31.1	2,296"
L4576.2000-TW	2,0"	Two-way	1/4" Ball	0,945"	40	31.1	2,796"
L4576.0500-PL	0,5"	Pull	1/4" Ball	0,945"	40	31.1	1,296"
L4576.1000-PL	1,0"	Pull	1/4" Ball	0,945"	40	31.1	1,796"
L4576.1500-PL	1,5"	Pull	1/4" Ball	0,945"	40	31.1	2,296"
L4576.2000-PL	2,0"	Pull	1/4" Ball	0,945"	40	31.1	2,796"
L4576.0500-PS	0,5"	Push	1/4" Ball	0,945"	40	31.1	1,277"
L4576.1000-PS	1,0"	Push	1/4" Ball	0,945"	40	31.1	1,777"
L4576.1500-PS	1,5"	Push	1/4" Ball	0,945"	40	31.1	2,277"
L4576.2000-PS	2,0"	Push	1/4" Ball	0,945"	40	31.1	2,777"