

Part Number: 2K S 160 S

Dimensional

Bore Diameter: 0.627 in

Piston Area: 0.307 in²

Stroke: 1.1 in

Environment

Temperature Range: -55 °C to +70 °C

Mounting

Mounting Hole Options

Rectangular: .312 x .375 inch (8 mm x 10 mm)

Round: Ø.375 inch (Ø10 mm)

Suggested Mounting Bracket Thickness

If using adjustment knob: .060 to .093 in

If not using adjustment knob: .060 to .125 in

Cylinder Nut Torque: 4 to 8 in-lb_f

Output: Push Damp, Spring Extend

Energy Capacity: 0.3 ft-lb_f maximum

Spring Forces

Extended = 0.16 lb_f

Retracted = 0.28 lb_f

Push Rod Reset Time

With valve fully open = 30 ms

With valve fully closed = 50 ms

Piston Friction Coefficient: Approximately 0.2

(static & dynamic)

Cycle Life

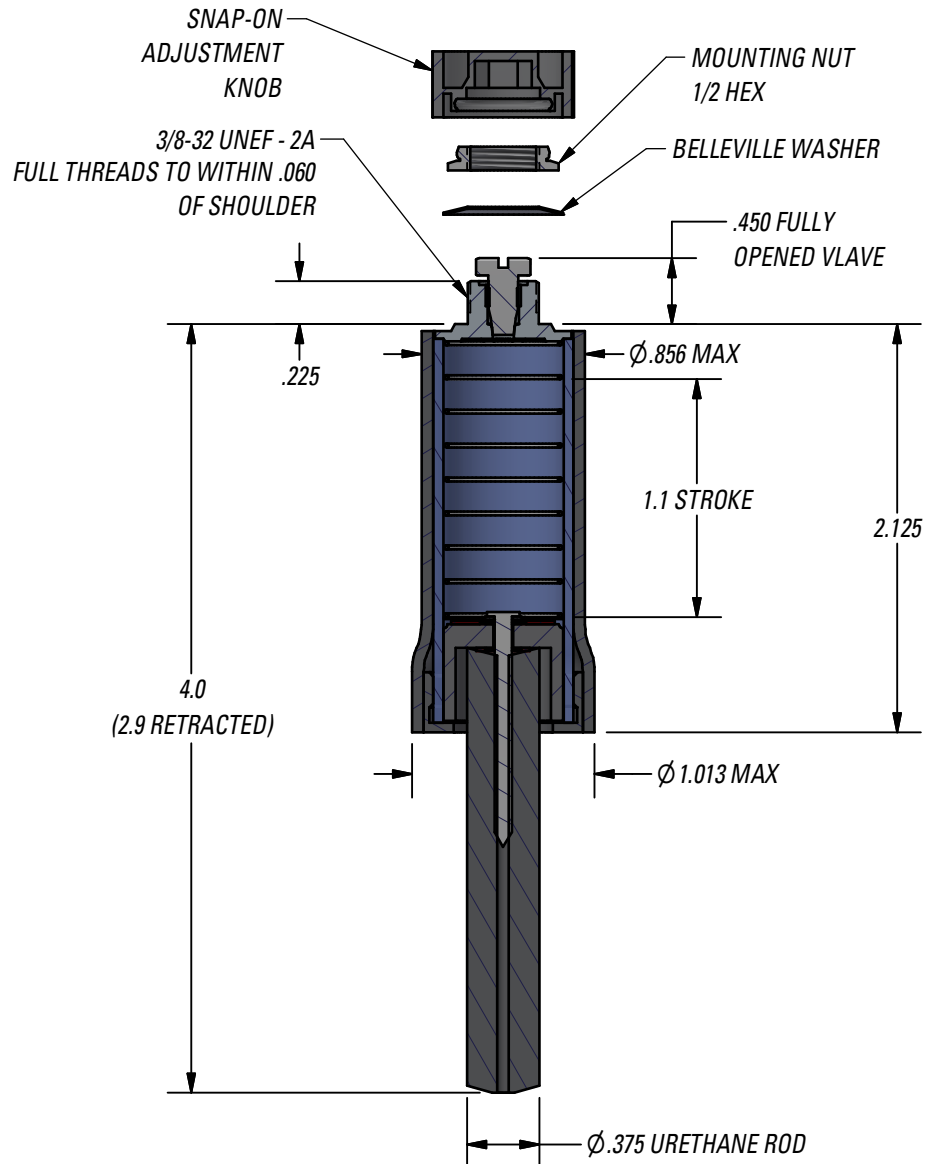
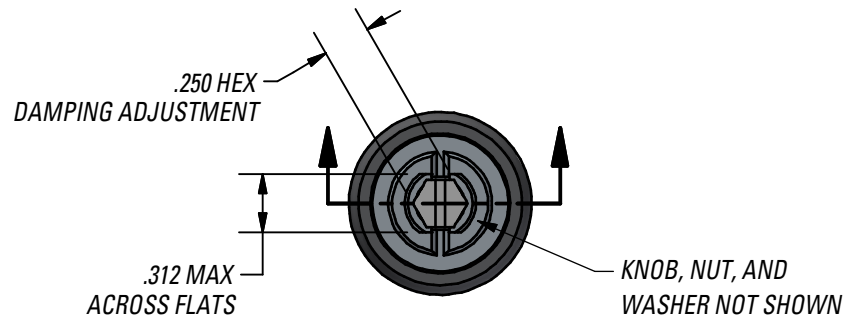
The very long cycle life of this product depends on how the cylinder is used as well as the requirements of your application. Leak will increase slowly as the piston wears with high number of cycles. High loads and especially high side loads along with cycling can increase friction. Typically, cylinders will last from 1 to 2 million cycles before they are replaced.

Mass

Total Mass (g) = 31.8 g

Moving Mass (g) = 8 g





Airpot® 35 LOIS ST
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US

203-846-2021
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PART

2K S 160 S

REV
0209AG

STOCK 160 SNUBBER

UNITS IN INCHES

