

## Part Number: 2K S 444 S

### Dimensional

**Bore Diameter:** 1.750 in

**Piston Area:** 2.405 in<sup>2</sup>

**Stroke:** 2.3 in

### Environment

**Temperature Range:** -55 °C to +70 °C

### Mounting

Square bolt pattern on mounting plate.



### Output: Push Damp, Spring Extend

**Energy Capacity:** 7 ft-lb<sub>f</sub> maximum

### Spring Forces

Extended = 0.25 lb<sub>f</sub>

Retracted = 0.5 lb<sub>f</sub>

### Push Rod Reset Time

With valve fully open = 161 ms

With valve fully closed = 430 ms

**Piston Friction Coefficient:** Approximately 0.2

(static & dynamic)

**Friction Force without Side Load:** <8 g

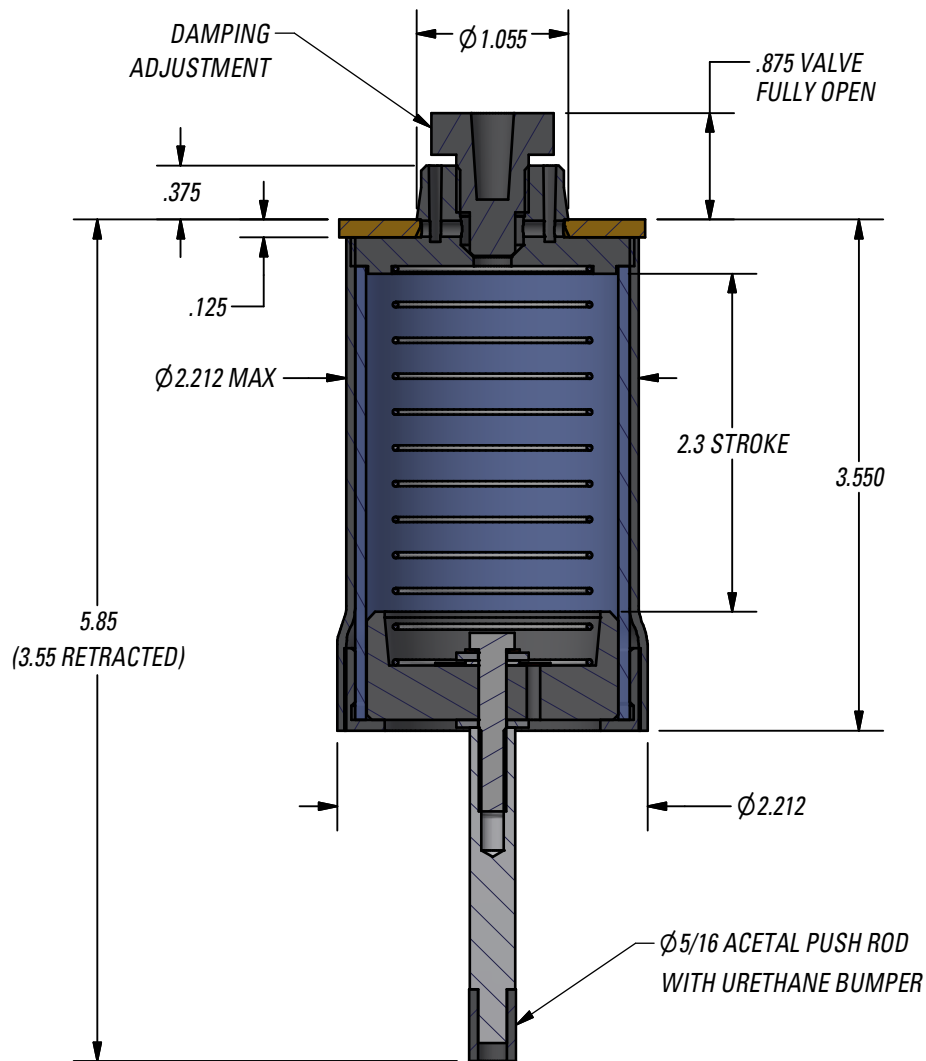
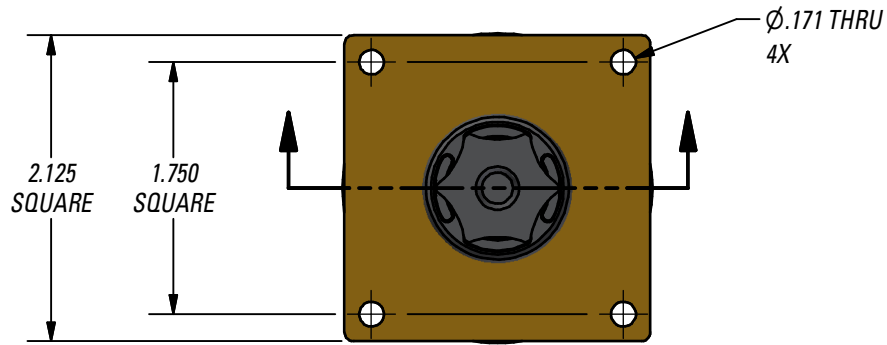
### Cycle Life

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)** = 169 g

**Moving Mass (g)** = 45.7 g



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PART

**2K S 444 S**

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STOCK 444 SNUBBER

UNITS IN INCHES

