



# Dyna-Mation DM1

**Your configured part number: DM1-400x0.125-FB**

## Features and Benefits

- **Built to Last:**
  - NFPA interchangeability
  - Heads machined from solid aluminum, black anodized
  - Hard anodized aluminum tubes
- **High Quality Components:**
  - Long wearing oil impregnated bronze rod bearing
  - Wear-compensating Buna N dynamic seals
- **Numerous Options and Configurations:**
  - Available cushions absorb shock
  - Double-rod option provides dual power and prevents rod deflection
- **Time-Tested Design:**
  - Solid high-alloy aluminum pistons with PTFE wear bands
  - Rods are hard chrome plated ground and polished steel

## Engineering Specifications

**Pressure Rating:** 250 PSI Air / Contact Mead for hydraulic pressure rating

**Temperature Range:** -40° F (-40° C) to 250° F (121° C) standard, up to 400° F (204° C) available

**Filtration:** Not essential but a 40µ filter will prolong seal life

**Lubrication:** Not necessary but will prolong seal life when operated with dry air

### **Materials:**

Heads: Aluminum, black anodized

Tubes: Aluminum hard anodized to 60 Rc (16 RMS finish)

Bearing: Long wearing oil impregnated porous bronze

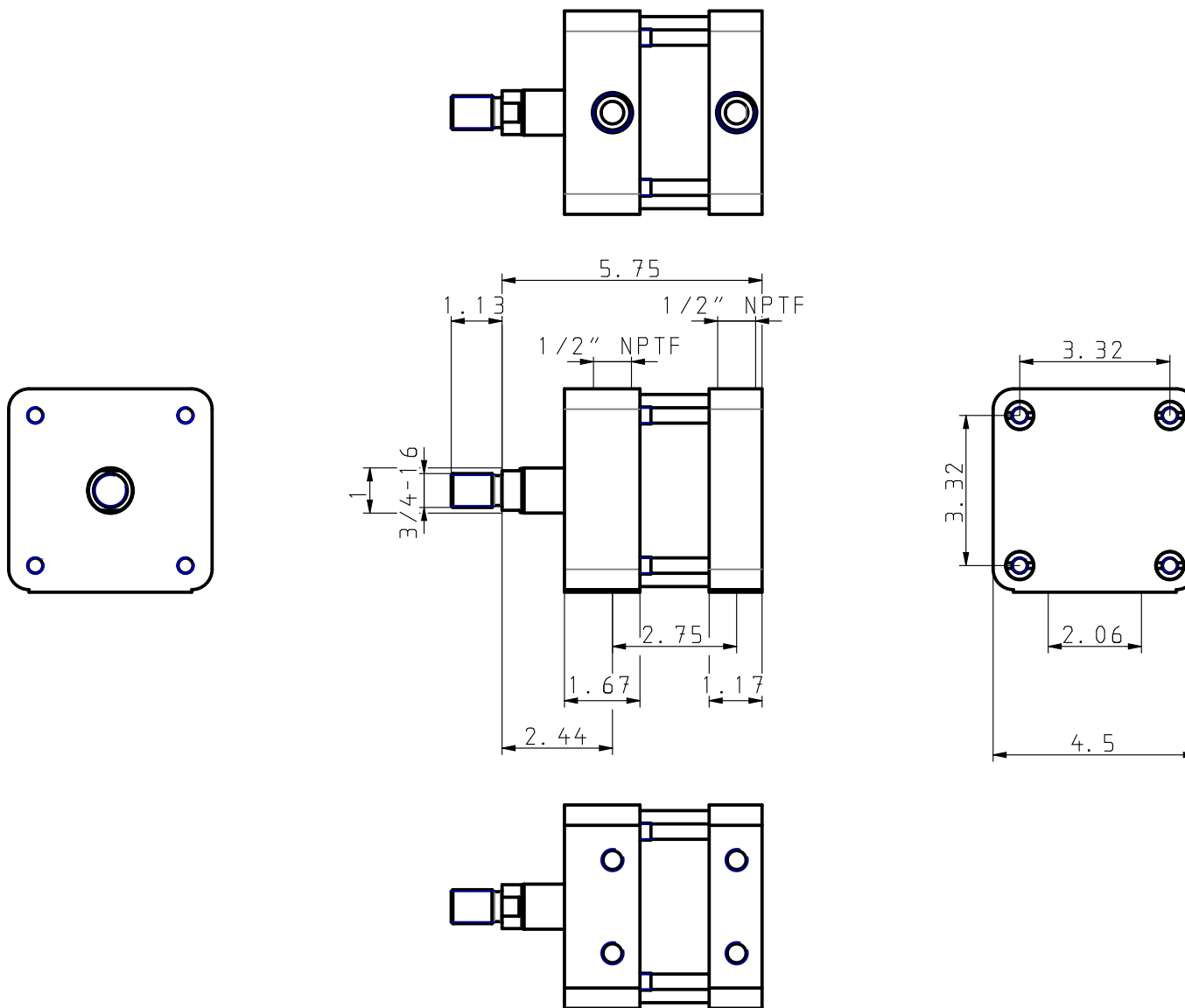
Piston and Rod Seals: Wear compensating Buna-N vee rings

## Service and Design Capabilities

- **Contact Mead for any special valve need**
- **Experienced application engineers are available to provide complete pneumatic circuit solutions**
- **A full line of products including air preparation, valves, actuators, and specialty components are available**
- **Fast shipping and helpful customer service**
- **Custom design capabilities to meet your needs**
- **Call (877) MEAD-USA (877-632-3872)**

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**Leaders in Actuation.**



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