



Your configured part number: HD1-400x0.125-FB

Features and Benefits

- **Cylinders for Abusive Conditions:**
 - NFPA interchangeability and high quality components
 - Offer long service life in harsh conditions
 - Non-lube seals available
- **External Bearing Ensures Smooth Motion:**
 - Teflon impregnated and hardcoat anodized, external rod bearing
 - Improves rod motion while maintaining rigidity and stability
- **Built to Last:**
 - Heads machined from solid aluminum, black anodized
 - Hard anodized aluminum tubes
- **Easy to Repair:**
 - Rod gland and bearing may be replaced without disassembling cylinder
 - Tie-rod design limits down time

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 (200° 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

Rod: Hard chrome plated ground and polished steel

Rod Bearing: Teflon[®]-impregnated, hard coated aluminum

Rod Wiper: Dupont Teflon[®]

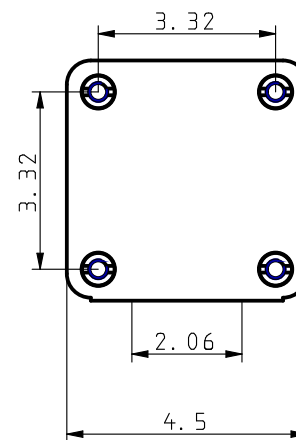
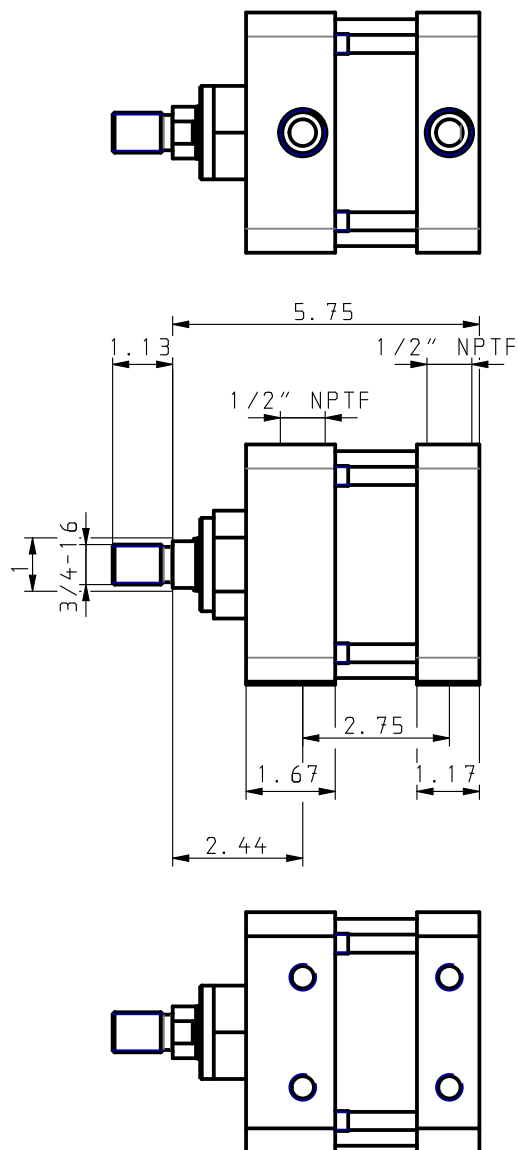
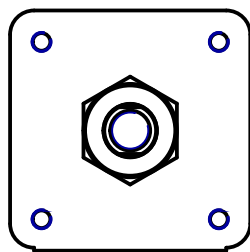
Piston: High alloy aluminum with PTFE wear band

Service and Design Capabilities

- **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)**

Leaders in Actuation.

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