

View Online at <https://aerobasegroup.com/nsn/4820-00-010-1680>

**Thread Class:**

3a all ends

**Thread Direction:**

Right-hand all ends

**Flow Control Device:**

Poppet

**Bonnet Type:**

Inside spring

**Bonnet Attachment Method:**

Integral

**Disk Loading Method:**

Spring

**Maximum Operating Temp:**

225.0 degrees fahrenheit single response

**Connection Style:**

Flared (tube) all ends

**Valve Operation Method:**

Automatic

**Connection Type:**

Threaded external tube all ends

**Features Provided:**

Bonnet packing and pressure tight outlet side

**Thready Qty Per Inch (tpi):**

16 all ends

**Adjustable Pressure Range:**

+10.0 to 50.0 pounds per square inch

**Maximum Operating Pressure:**

50.0 pounds per square inch single response

**Thread Size:**

0.750 inches all ends

**Seat Angle:**

37.0 degrees all ends

**Opening Pressure Setting:**

35.0 pounds per square inch

**Outside Diameter Tube Accommodated:**

0.500 inches all ends

**Material:**

Steel comp 416 flow control device

**Material Specification:**

Fedstd66, aisi416/sae51416 federal standard single material response flow control device

**Media For Which Designed:**

Water-oil-gas single response

**Surface Treatment:**

Passivate

**Style Designator:**

Angle

**Thread Series Designator:**

Unf all ends

**Furnished Items And Quantity:**

2 ferrule

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A046b0