

View Online at <https://aerobasegroup.com/nsn/4820-01-061-0233>

**Flow Control Device:**

Disk

**Bonnet Type:**

Inside spring

**Bonnet Attachment Method:**

Bolted

**Disk Loading Method:**

Spring

**Bolt Hole Quantity:**

4 all ends

**Maximum Operating Temp:**

250.0 degrees fahrenheit single response

**End Application:**

Ship, ohio class ss (trident)

**Valve Operation Method:**

Automatic

**Flange Shape:**

Round with holes all ends

**Connection Type:**

Flange all ends

**Valve Size:**

1.000 inches

**Adjustable Pressure Range:**

+110.0/+160.0 pounds per square inch

**Maximum Operating Pressure:**

135.0 pounds per square inch single response

**Opening Pressure Setting:**

109.0 pounds per square inch

**Outside Diameter:**

4.892 inches 1st end

**Thickness:**

0.738 inches 1st end

**First Connection Face To Centerline Distance:**

3.400 inches

**Bolt Hole Diameter:**

0.737 inches 1st end

**Second Connection Face To Centerline Distance:**

3.587 inches

**Bolt Circle Diameter:**

3.635 inches 1st end

**Flange Face Design:**

Raised straight all ends

**Raised Face Height:**

0.264 inches 1st end

**Raised Face Diameter:**

2.015 inches 2nd end

**Material:**

Steel comp 303 stem

**Material Specification:**

Qq-s-764, type 303-canceled federal specification single material response stem

**Style Designator:**

Err-090

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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