

View Online at <https://aerobasegroup.com/nsn/4820-00-163-5161>

**Flow Control Device:**

Disk

**Bonnet Type:**

Exposed spring

**Bonnet Attachment Method:**

Bolted

**Disk Loading Method:**

Spring

**Valve Discharge Flow Rate:**

43200.0 pounds per hour

**Renewable Seat Ring Type:**

Threaded

**Bolt Hole Quantity:**

8 2nd end

**Valve Operation Method:**

Automatic or manual

**Flange Shape:**

Round with holes 2nd end

**Features Provided:**

Pressure tight outlet side

**Valve Size:**

2.500 inches

**Criticality Code Justification:**

Feat

**Opening Pressure Setting:**

710.0 pounds per square inch

**Outside Diameter:**

9.000 inches 2nd end

**Thickness:**

1.250 inches 1st end

**Bolt Hole Diameter:**

0.875 inches 2nd end

**Bolt Circle Diameter:**

7.250 inches 2nd end

**Flange Face Design:**

Recessed straight 1st end

**Raised Face Height:**

0.062 inches 2nd end

**Raised Face Diameter:**

5.500 inches 2nd end

**Recess Diameter:**

6.875 inches 1st end

**Recess Depth:**

0.062 inches 1st end

**Special Features:**

Items are being coded as critical to insure source inspection will be performed at the point of manufacture, prior to material receipt by the us navy or other dod components. These items are piece parts or end items in support of vital military hardware necessary to sustain the successful mission of the ships, submarines, and shore stations of the us navy. Critical features including, but not limited to, dimensions, tolerances/clearances, electronic characteristics, and metallurgical properties will bespecified for government q ar (quality assurance representatives) to insure the highest possible degree of quality and reliability of these parts being delivered under navicp contracts

**Style Designator:**

Angle flanged ends

**Reference Number Differentiating Characteristics:**

As differentiated by the valve discharge flow rate requirement

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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