

View Online at <https://aerobasegroup.com/nsn/4820-01-538-2850>

**Flow Control Device:**

Disk

**Bonnet Type:**

Inside spring

**Bonnet Attachment Method:**

Bolted

**Disk Loading Method:**

Spring

**Bolt Hole Quantity:**

8 all ends

**Maximum Operating Temp:**

425.0 degrees fahrenheit single response

**End Application:**

W/s cvn nr boundary area

**Valve Operation Method:**

Automatic or manual

**Flange Shape:**

Round with holes all ends

**Connection Type:**

Flange all ends

**Features Provided:**

Manual override

**Valve Size:**

3.500 inches

**Adjustable Pressure Range:**

+11.0/+17.0 pounds per square inch

**Maximum Operating Pressure:**

100.0 pounds per square inch single response

**Outside Diameter:**

7.188 inches all ends

**Thickness:**

0.500 inches all ends

**First Connection Face To Centerline Distance:**

7.250 inches

**Bolt Hole Diameter:**

0.562 inches all ends

**Second Connection Face To Centerline Distance:**

5.500 inches

**Bolt Circle Diameter:**

6.062 inches all ends

**Flange Face Design:**

Plain all ends

**Special Features:**

Flanges iaw mil-f-20042, 150 lb.

**Material:**

Nickel alloy seat

**Material Specification:**

Qq-b-637 comp i federal specification single material response stem

**Media For Which Designed:**

Water, fresh single response

**Style Designator:**

Err-090

**Test Data Document:**

Mil-s-901c specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Furnished Items And Quantity:**

1 lever

**Specification Data:**

81349 - mil-v-20065c government specification

**Specification Or Standard:**

A-1 type and c class

**Departure From Cited Document:**

Relief valve

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A046b0

**Mil-std (military Standard):**

Mil-b-16541 spec.