

View Online at <https://aerobasegroup.com/nsn/4820-01-504-9945>

**Pipe Size Accommodated:**

0.500 inches all ends

**Flow Control Device:**

Disk

**Bonnet Type:**

Inside spring

**Bonnet Attachment Method:**

Bolted

**Disk Loading Method:**

Spring

**Valve Discharge Flow Rate:**

16.0 cubic feet per minute

**Renewable Seat Ring Type:**

Threaded

**Maximum Operating Temp:**

125.0 degrees fahrenheit single response

**End Application:**

Virginia class sub

**Connection Style:**

Socket err-100

**Valve Operation Method:**

Automatic

**Connection Type:**

Unthreaded internal pipe all ends

**Adjustable Pressure Range:**

+60.0/+73.0 pounds per square inch

**Maximum Operating Pressure:**

400.0 pounds per square inch single response

**Criticality Code Justification:**

Zzzy

**Opening Pressure Setting:**

60.0 pounds per square inch

**Product Name:**

1/2 in. Relief valve type 2571-t

**Material:**

Steel stem

**Material Specification:**

Qq-n-281 federal specification single material response flow control device

**Media For Which Designed:**

Nitrogen, liquid single response

**Style Designator:**

Err-090

**Furnished Items And Quantity:**

2 nut and 2 tailpiece

**Specification Data:**

81349-mil-v-22549 (1), dtd 13 apr 77, modified government specification

**Reference Number Differentiating Characteristics:**

Oxygen cleaning required iaw mil-std-1330

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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