

View Online at <https://aerobasegroup.com/nsn/4820-01-493-7731>

**Pipe Size Accommodated:**

0.500 inches all ends

**Flow Control Device:**

Disk

**Bonnet Type:**

Inside screw

**Bonnet Attachment Method:**

Pressure seal, ring type

**Disk Loading Method:**

Spring

**End Application:**

W/s la class ssn (688)

**Connection Style:**

G46b plain (pipe) all ends

**Valve Operation Method:**

Automatic

**Connection Type:**

Threaded external pipe all ends

**Maximum Operating Pressure:**

4000.0 pounds per square inch single response

**Product Name:**

Model no 83s44-4/spl; set pressure: 20-4000 psig; mil-v-24322 grade a; service: liquid relief; conn: 1/2 in union

**Special Features:**

This valve is not for seawater applications. Both union end connections: outlet threads 1.062-12 un-3a, inlet threads not given on dwg. For nuclear applications see 4820-01-451-7717.

**Material:**

Stainless steel body

**Material Specification:**

Nitrile 50 duro mfr ref single material response seat

**Media For Which Designed:**

Liquid single response

**Special Test Features:**

Hi shock approval by extension supship groton, ct ltr ser 230e/5248 dated oct 9 1996

**Style Designator:**

Err-090

**Furnished Items And Quantity:**

1 lever and 1 locking device

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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