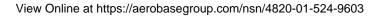
# NSN 4820-01-524-9603

Safety Relief Valve - Page 1 of 2



AeroBase Group

Pipe Size Accommodated:

2.500 inches all ends

Flow Control Device:

Disk

Bonnet Type:

Inside spring

**Bonnet Attachment Method:** 

Bolted

**Disk Loading Method:** 

Spring

Valve Discharge Flow Rate:

300.0 gallons per minute

**Maximum Operating Temp:** 

122.0 degrees fahrenheit single response

End Application:

Ohio class ssn (trident)

Connection Style:

Socket err-100

Valve Operation Method:

Automatic or manual

Flange Shape:

Round with holes all ends

Connection Type:

Unthreaded internal pipe all ends

**Features Provided:** 

Manual override and pressure tight outlet side

Valve Size:

2.500 inches

Adjustable Pressure Range:

+99.0/+111.0 pounds per square inch

Maximum Operating Pressure:

120.0 pounds per square inch single response

**Opening Pressure Setting:** 

110.0 pounds per square inch

First Connection Face To Centerline Distance:

5.500 inches

Second Connection Face To Centerline Distance:

5.500 inches

Flange Face Design:

Plain all ends

**Product Name:** 

Relief valve type 1771-t

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#### **Special Features:**

Flanges iaw mil-f-20042; inlet flange 250 lb, outlet flange 150 lb. Which vary in thickness (inlet/outlet) 15/16 / 1/2 inches and bolt hole size of 11/16 / 9/16; inlet has 4 drilled hole, 2 tapped, outlet has 6 drilled holes. Lever wrench is provided for lift cam; seat wrench is not provided

#### Material:

Nickel alloy flow control device and plastic polytetrafluoroethylene flow control device

#### Material Specification:

Qq-n-281 federal specification single material response stem

#### Media For Which Designed:

Liquid single response

#### Style Designator:

Err-090

#### Furnished Items And Quantity:

1 wrench

#### **Specification Data:**

81349 - mil-v-24322 government specification

#### **Departure From Cited Document:**

Modiefied by psssn21c-242

#### Shelf Life:

N/a

#### Unit Of Measure:

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### Demilitarization:

No

## Fiig:

A046b0

### Mil-std (military Standard):

Mil-c-20159c spec.