

View Online at <https://aerobasegroup.com/nsn/4820-01-527-0625>

**Thread Class:**

2a

**End Connection Quantity:**

3

**Valve Discharge Flow Rate:**

5.0 gallons per minute

**End Application:**

Test stand

**Err Default:**

Err default

**Valve Operation Method:**

Automatic

**Connection Type:**

Threaded external pipe

**Thready Qty Per Inch (tpi):**

27

**Maximum Operating Pressure And Media For Which Designed:**

5000.0 pounds per square inch oil, hydraulic

**Thread Size:**

0.250 inches

**Body Material:**

Stainless steel

**Maximum Operating Temperature And Media For Which Designed:**

200.0 degrees fahrenheit oil, hydraulic

**Product Name:**

Pilot operated 2-way cartridge valve, normally open

**Flow Pattern Quantity:**

2

**Special Features:**

This cartridge valve is furnished in (standard) aluminum housing with 1/4 npt connections to ports 1 and 2; pilot connection 1/8 npt. Housing has 2 mounting holes of 3/4-16 unf. If pilot pressures falls below pressure valve acts as a relief valve. Determine pressure by multiplying possible system pressure by 11, then devide total by 26. When pilot pressure falls below this number valve will function as a pilot operated relief valve. 26: 1 pilot ratio

**Thread Series Designator:**

Npt

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A506h0