

View Online at <https://aerobasegroup.com/nsn/4820-01-479-6153>

**Valve Discharge Flow Rate:**

22.0 gallons per minute

**Maximum Operating Temp:**

200.0 degrees fahrenheit single response

**Minimum Operating Temp:**

-65.0 degrees fahrenheit

**End Application:**

Joint stars acft, e8 acft

**Connection Style:**

G42 flared (tube) all ends

**Valve Operation Method:**

Automatic

**Connection Type:**

Threaded external tube all ends

**Maximum Operating Pressure:**

110.0 pounds per square inch single response

**Opening Pressure Setting:**

110.0 pounds per square inch

**Product Name:**

Valve, bypass, radar liquid cooling

**Special Features:**

Ambient temp range -65 to +200 def feh; cooland fluid temp range -65 to +200 degrees feh; cooland fluid pressure range 0 psig to 155 psig; proof pressure is two times the maximum operating pressure at maximum operating temp; weight 23 ounces; material is al 2024-t351 per qq-a-250/4; fluid shall be compatible with a fluid conforming to gm 60031; dimension: body 3.55 inches in length; face to face outlets 5.70 inches; diameter 2.50; end connection conform to ms33656-16 typ

**Material:**

Aluminum alloy 2024 body

**Reference Number Differentiating Characteristics:**

As differentiated by source control drawing

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A046b0