

View Online at <https://aerobasegroup.com/nsn/4820-01-362-6708>

Body Material:

Steel, ams 5640

Outside Surface Treatment:

Passivated, mil-s-5002

First End Connection Type:

Threaded external tube

First End Style Designator:

Flareless

First End Outside Diameter Tube Accommodated:

0.750 inches

First End Thread Size And Series/type Designator:

3/4-12 unj

First End Thread Class:

3a

First End Thread Direction:

Right-hand

Second End Relationship With First End:

Not identical

Second End Connection Type:

Threaded external tube

Flow Control Device:

Poppet

Flow Control Device Material:

Steel, qq-s-763, class 440c

End Connection Quantity:

2

Regulation Type:

Automatic single stage

End Application:

Engine installation, c-17 acft

Special Features:

5media; fluids: lube oil per mil-I-7808 & mil-I-23699; pressures: operating-400 psig max; proof: 600 psig at minus 65 degrees inlet & vent 50 psig at 260 degrees f outlet; burst: 1000 psig at minus 65 degrees f inlet & vent 100 psig at 260 degrees f outlet; cracking; in-let to outlet 18 plus or minus 2 psid; temperature range; normal operation; -65 degrees f to 260 degrees f; excursions; 260 degrees f for 120 min per 8 hr period; 285 degrees f for 30 minutes; heat treat poppet to rc 57-60 per mil-h-6875; item consists of 6 components: 1 body assembly consisting of: body, p/n 2r3053- -10; poppet, p/n 2r3053-4; spring, p/n 2r3053-5; and 1 stop, p/n 2r3053-7; 1 retainer, p/n 2r3053-3; 1 fitting, p/n 2r3053-6; 1 o-ring, p/n m25988/1- 912; 1 o-ring, p/n m25988/1-904 and as/req, lockwire, ms20995c32

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A21100