

View Online at <https://aerobasegroup.com/nsn/4820-00-181-8935>

**Body Material:**

Any acceptable

**First End Flange Outside Diameter:**

6.125 inches

**Body Style:**

Straight thru

**Stem Material:**

Any acceptableany acceptable

**Media For Which Designed:**

Water, fresh and water, fresh and water, saltwater, salt

**First End Connection Type:**

Plain face flangeplain face flange

**First End Style Designator:**

Plainplain

**First End Flange Shape Style:**

Round w/ bolt holesround w/ bolt holes

**First End Flange Thickness:**

0.500 inches 0.500 inches

**First End Bolt Hole Quantity:**

66

**First End Bolt Hole Diameter:**

0.563 inches 0.563 inches

**First End Bolt Circle Diameter:**

5.000 inches 5.000 inches

**Second End Relationship With First End:**

Identicalidentical

**Seat Material:**

Any acceptableany acceptable

**Face To Face Distance:**

10.875 inches 10.875 inches

**Packing Material:**

Any acceptableany acceptable

**Flow Control Device:**

Diaphragmdiaphragm

**Flow Control Device Material:**

Any acceptableany acceptable

**End Connection Quantity:**

22

**Renewable Seat Ring Type:**

Threadedthreaded

**Outlet Pressure Range:**

+25.0 to 60.0 pounds per square inch+25.0 to 60.0 pounds per square inch

**Regulation Type:**

Automatic double stageautomatic double stage

**Valve Stem Design:**

Single seatsingle seat

**Valve Loading Method:**

Springspring

**Maximum Inlet Pressure Rating:**

150.0 pounds per square inch

**Outlet Pressure Accuracy Rating:**

Not rated

**Filter:**

Not included

**End Application:**

Ticonderoga class cg (47), emory s. Land class as, virginia class cgn (41), forrestal class cv, nimitz class cvn, spruance class dd (963), tarawa class lha. Chilled water a/c systems. Sonar rubber domes (srds).

**Tempurature Rating:**

165.0 degrees fahrenheit

**Criticality Code Justification:**

Feat

**Special Features:**

Weapon system essential

**Special Test Features:**

High-impact shock tests are required as directed in paragraphs 3.6 and 4.4.2.3 of mil-v-2042 in pac test above

**Test Data Document:**

81349-milv2042 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Specification Or Standard:**

2 type

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A21100