

View Online at <https://aerobasegroup.com/nsn/3040-01-497-5152>

**Body Material:**

Brass

**First End Outside Diameter:**

0.875 inches

**Second End Outside Diameter:**

1.4375 inches

**Inside Diameter:**

0.260 inches single port

**Mounting Provision:**

Unthreaded mounting holes

**Outside Diameter:**

0.840 inches

**Bore Diameter:**

Between 2.993 inches and 2.995 inches

**Longest Horizontal Distance Between Mounting Centers:**

9.250 inches

**Longest Vertical Distance Between Mounting Centers:**

4.000 inches

**End Application:**

Retractable bow plane lock-in/lock-out cylinder assembly used on los angeles class submarine (688)

**First End External Thread Length:**

1.000 inches

**Second End External Thread Length:**

3.000 inches

**Compressed Length:**

27.840 inches

**Extended Length:**

35.840 inches

**Mounting Provision Arrangement Style:**

Four hole rectangular

**Pressure Rating:**

4500.0 pounds per square inch

**Features Provided:**

Bleeder valves and piston rod

**Integral Valve Operation Method:**

Hydraulic

**Design Characteristics:**

Single acting single cylinder

**First Piston Rod End Style:**

Internal threaded

**First Piston Rod End Thread Series Designator:**

Unc

**First Piston Rod End Thread Diameter:**

0.875 inches

**First Piston Rod End Thready Qty Per Inch (tpi):**

9

**First Piston Rod End Thread Class:**

3a

**First Piston Rod End Thread Direction:**

Right-hand

**Piston Rod End Similarity:**

Not identical

**Second Piston Rod End Style:**

Internal threaded

**Second Piston Rod End Thread Series Designator:**

Un

**Second Piston Rod End Thread Diameter:**

1.4375 inches

**Second Piston Rod End Thready Qty Per Inch (tpi):**

8

**Second Piston Rod End Thread Class:**

3a

**Second Piston Rod End Thread Direction:**

Right-hand

**Mounting Type And Location:**

Flange center section

**Mounting Facility Diameter:**

0.625 inches

**Port Location And Quantity:**

3 cylinder head end

**Port Style:**

Plain

**Product Name:**

Cylinder, hydraulic, lock-in/lock-out

**Special Features:**

Cylinder body material: nickel copper alloy per cage81348 qq-n-281 class a form 1 or 2

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A34200