

View Online at <https://aerobasegroup.com/nsn/5905-01-332-9924>

**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Body Diameter:**

1.297 mils and 1.327 centimeters

**Shaft Diameter:**

Between 0.249 inches and 0.250 inches

**Shaft Length:**

Between 0.844 inches and 0.906 inches

**Mounting Bushing Length:**

Between 0.360 inches and 0.390 inches

**Body Length:**

Between 0.610 inches and 0.640 inches

**Shaft Style:**

Round, slotted

**Shaft Bearing Type:**

Sleeve

**Actuator Type:**

Single shaft

**Effective Electrical Rotation In Deg Angular Rotation:**

Between 335.0 and 345.0

**Maximum Starting Torque:**

4.50 inch-ounces

**Maximum Running Torque:**

4.00 inch-ounces

**Maximum Stop Torque:**

128.00 inch-ounces

**Nonturn Device Location:**

At 6 oclock

**Nonturn Device Radius:**

Between 0.557 inches and 0.567 inches

**Shaft End Play:**

0.008 inches

**Shaft Runout:**

0.002 inches

**Lateral Runout:**

0.005 inches

**Pilot Diameter Runout:**

0.003 inches

**Shaft Radial Play:**

0.003 inches

**Fragility Factor:**

Moderately rugged

**End Application:**

An/tyq-2 (v) 1

**Screw Thread Diameter:**

0.375 inches

**Screw Thread Series Designator:**

Unef

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

32.0

**Terminal Location:**

Rear end

**Mounting Method:**

Standard bushing

**Features Provided:**

Humidity proof

**Cubic Measure:**

0.845 cubic inches

**Electrical Resistance Per Section:**

250.0 percent, rated amperes c and better flooring

**Rotary Actuator Travel In Angular Deg:**

Between 335.0 and 345.0

**Function Conformity Tolerance Per Section:**

-0.25/+0.25 single section

**Ambient Temperature In Deg Celsius Per Section At Zero Percent Rated Power:**

71.0 single section

**Power Dissipation Rating Per Section In Watts:**

2.0 7th secondary quality

**Function Conformity Per Section:**

Single section independent linearity

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 single section

**Actuator Travel Control Feature:**

Stops

**Function Characteristic Per Section:**

7 oclock all primaries

**Ambient Temperature In Deg Celsius Per Section At Full Rated Power:**

25.0 single section

**Special Features:**

Stainless steel non-magnetic shaft

**Precious Material And Location:**

Terminal surfaces gold

**Precious Material:**

Gold

**Terminal Type And Quantity:**

3 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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