

View Online at <https://aerobasegroup.com/nsn/5905-01-032-7598>

**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Body Diameter:**

0.495 mils and 0.505 centimeters

**Shaft Diameter:**

Between 0.1248 inches and 0.1251 inches

**Shaft Length:**

Between 0.690 inches and 0.710 inches

**Mounting Bushing Length:**

Between 0.297 inches and 0.327 inches

**Body Length:**

Between 0.300 inches and 0.310 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Bearing

**Actuator Type:**

Single shaft

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

320.0

**Maximum Starting Torque:**

12.00 inch-ounces

**Maximum Running Torque:**

12.00 inch-ounces

**Maximum Stop Torque:**

80.00 inch-ounces

**Nonturn Device Location:**

At 6 oclock

**Nonturn Device Radius:**

Between 0.182 inches and 0.192 inches

**Shaft End Play:**

0.006 inches

**Shaft Runout:**

0.002 inches

**Lateral Runout:**

0.003 inches

**Pilot Diameter Runout:**

0.002 inches

**Shaft Radial Play:**

0.003 inches

**Fragility Factor:**

Moderately rugged

**Screw Thread Diameter:**

0.250 inches

**Screw Thread Series Designator:**

Unef

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

32.0

**Terminal Location:**

Rear end

**Mounting Method:**

Standard bushing

**Cubic Measure:**

0.060 cubic inches

**Electrical Resistance Per Section:**

5.0 percent, rated amperes c and better flooring

**Rotary Actuator Travel In Angular Deg:**

330.0

**Function Conformity Tolerance Per Section:**

-1.00/+1.00 single section

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

150.0 single section

**Temperature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius:**

-20.0/+20.0 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:**

70.0 single section

**Terminal Type And Quantity:**

3 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A002a0