

View Online at <https://aerobasegroup.com/nsn/5905-01-150-4536>

**Section Quantity:**

2

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Overall Length:**

1.980 inches

**Body Diameter:**

1.325 inches

**Shaft Diameter:**

Between 0.2494 inches and 0.2499 inches

**Shaft Length:**

Between 0.710 inches and 0.730 inches

**Mounting Bushing Length:**

Between 0.240 inches and 0.260 inches

**Body Length:**

1.250 inches

**Overall Diameter:**

1.900 inches

**Shaft Style:**

Round, slotted

**Shaft Bearing Type:**

Bearing

**Actuator Type:**

Single shaft

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

260.4

**Maximum Starting Torque:**

6.00 inch-ounces

**Maximum Running Torque:**

6.00 inch-ounces

**Maximum Stop Torque:**

144.00 inch-ounces

**Nonturn Device Location:**

At 12 oclock

**Nonturn Device Radius:**

Between 0.531 inches and 0.541 inches

**Shaft End Play:**

0.005 inches

**Shaft Runout:**

0.002 inches

**Lateral Runout:**

0.005 inches

**Pilot Diameter Runout:**

0.002 inches

**Shaft Radial Play:**

0.005 inches

**Mechanical Backlash In Deg Angular Rotation:**

0.5

**Fragility Factor:**

Moderately rugged

**Screw Thread Diameter:**

0.375 inches

**Screw Thread Series Designator:**

Unef

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

32.0

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Standard bushing

**Features Provided:**

Humidity proof

**Cubic Measure:**

0.488 cubic inches

**Electrical Resistance Per Section:**

2.0 percent, rated amperes c and better industrial clears

**Rotary Actuator Travel In Angular Deg:**

273.4

**Function Conformity Tolerance Per Section:**

-1.50/+1.50 1st section

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

150.0 all sections

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

-600.0/+600.0 2nd section

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

1.0 free air all sections

**Function Conformity Per Section:**

1st section proportional conformity

**Resistance Tolerance Per Section In Percent:**

-2.0/+2.0 1st section

**Actuator Travel Control Feature:**

Stops

**Function Characteristic Per Section:**

9 oclock all primaries

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

40.0 all sections

**Unpackaged Unit Weight:**

1.85 ounces

**Test Data Document:**

35351-166747 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

**Terminal Type And Quantity:**

6 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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