

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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