

View Online at <https://aerobasegroup.com/nsn/5905-00-150-5642>

Section Quantity:

1

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

Overall Length:

2.170 inches

Body Diameter:

0.880 inches

Shaft Diameter:

Between 0.124 inches and 0.125 inches

Shaft Length:

1.530 inches

Mounting Bushing Length:

0.250 inches

Body Length:

0.520 inches

Overall Diameter:

1.240 inches

Shaft Style:

Round

Shaft Bearing Type:

Sleeve

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

350.0

Maximum Starting Torque:

0.30 inch-ounces

Maximum Running Torque:

0.25 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.002 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 Thread Qty Per Inch (tpi):

32.0

Terminal Location:

Rear end

Mounting Method:

Standard bushing

Cubic Measure:

0.316 cubic inches

Electrical Resistance Per Section:

5.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-1.00 to 1.00 single section

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

125.0 single section

Power Dissipation Rating Per Section In Watts:

1.0 free air single section

Function Conformity Per Section:

Single section terminal base linearity

Resistance Tolerance Per Section In Percent:

-3.0 to 3.0 single section

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

Single section linear

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

-20.0/+20.0 single section

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

70.0 single section

Test Data Document:

96214-533590 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:

3 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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