

View Online at <https://aerobasegroup.com/nsn/5905-00-892-0115>

Section Quantity:

1

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

Body Diameter:

Between 1.797 inches and 1.829 inches

Shaft Diameter:

Between 0.2494 inches and 0.2497 inches

Shaft Length:

Between 0.421 inches and 0.453 inches

Mounting Bushing Length:

Between 0.297 inches and 0.329 inches

Body Length:

Between 1.984 inches and 2.016 inches

Shaft Style:

Round

Shaft Bearing Type:

Sleeve

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

3600.0

Maximum Starting Torque:

2.00 inch-ounces

Maximum Running Torque:

1.50 inch-ounces

Nonturn Device Location:

At 6 oclock

Nonturn Device Radius:

Between 0.547 inches and 0.579 inches

Shaft End Play:

0.005 inches

Shaft Runout:

0.0005 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:

Between 0.359 inches and 0.391 inches

Screw Thread Series Designator:

Unef

Screw Thread Qty Per Inch (tpi):

32.0

Terminal Location:

Longitudinally positioned on the circumference

Mounting Method:

Standard bushing

Features Provided:

Humidity proof

Cubic Measure:

5.294 cubic inches

Electrical Resistance Per Section:

2.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

Between 3600.0 and 3604.0

Function Conformity Tolerance Per Section:

-0.25/+0.25 single section

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

85.0 single section

Power Dissipation Rating Per Section In Watts:

5.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-3.0/+3.0 single section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

Single section linear

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

40.0 single section

Terminal Type And Quantity:

3 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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