

View Online at <https://aerobasegroup.com/nsn/5905-01-150-4538>

Section Quantity:

1

Body Style:

Cylindrical hole/slot mounted

Reliability Indicator:

Not established

Body Diameter:

0.937 inches

Shaft Diameter:

0.1247 inches

Shaft Length:

0.305 inches

Body Length:

0.561 inches

Mounting Hole/stud Circle Diameter:

0.562 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

305.0

Maximum Starting Torque:

0.27 inch-ounces

Maximum Running Torque:

0.27 inch-ounces

Shaft End Play:

0.00500 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.00100 inches

Shaft Radial Play:

0.001 inches

Fragility Factor:

Moderately rugged

Screw Thread Diameter:

0.067 inches

Screw Thread Series Designator:

Unc

Screw Thready Qty Per Inch (tpi):

64.0

Mounting Facility Quantity:

2

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Threaded hole

Features Provided:

Humidity proof

Cubic Measure:

0.320 cubic inches

Electrical Resistance Per Section:

5.580 kilohms single section

Rotary Actuator Travel In Angular Deg:

360.0

Resistance Temperature Characteristic Range Per Section In Percent:

-5.0/+0.0 -65 degrees celsius single section and -5.0/+10.0 25 degrees celsius single section and -5.0/+10.0 125 degrees celsius single section

Function Conformity Tolerance Per Section:

-0.15/+0.15 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 independent linearity

Resistance Tolerance Per Section In Percent:

-10.0/+10.0 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:

70.0 single section

Terminal Type And Quantity:

3 wire lead

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A002a0