

View Online at <https://aerobasegroup.com/nsn/5905-01-270-0989>

Section Quantity:

1

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

Overall Length:

1.522 inches

Terminal Length:

Between 0.084 inches and 0.116 inches

First Flat Length:

Between 0.234 inches and 0.266 inches

Flat Height:

Between 0.092 inches and 0.096 inches

Body Diameter:

0.516 centimeters

Shaft Diameter:

Between 0.124 inches and 0.126 inches

Shaft Length:

Between 0.844 inches and 0.906 inches

Mounting Bushing Length:

Between 0.234 inches and 0.266 inches

Body Length:

0.500 inches

Shaft Style:

Round, flatted

Shaft Bearing Type:

Sleeve

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

270.0

Maximum Starting Torque:

3.00 inch-ounces

Maximum Running Torque:

3.00 inch-ounces

Maximum Stop Torque:

64.00 inch-ounces

Nonturn Device Location:

At 10'30 oclock

Nonturn Device Radius:

0.245 inches

Mechanical Backlash In Deg Angular Rotation:

3.0

Center To Center Distance Between Terminals:

Between 0.190 inches and 0.210 inches

End Application:

6625-01-159-3106

Screw Thread Diameter:

0.250 inches

Screw Thread Series Designator:

Unef

Screw Thready Qty Per Inch (tpi):

32.0

Terminal Location:

Rear end

Mounting Method:

Standard bushing

Cubic Measure:

0.294 cubic inches

Electrical Resistance Per Section:

5.0 percent, rated amperes c and better flooring

Rotary Actuator Travel In Angular Deg:

295.0

Center To Center Distance Between Center Terminal And Outside Terminal:

0.095 mils and 0.105 centimeters

Resistance Temperature Characteristic Range Per Section In Percent:

+0.0/+5.5 -55 degrees celsius single section and +0.0/+3.0 -25 degrees celsius single section and +0.0/+1.5 0 degrees celsius single section
and -2.0/+2.0 85 degrees celsius single section and +0.0/+4.5 120 degrees celsius single section

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

120.0 single section

Power Dissipation Rating Per Section In Watts:

0.5 7th secondary quality

Resistance Tolerance Per Section In Percent:

-20.0/+20.0 single section

Actuator Travel Control Feature:

Stops

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

40.0 single section

Standard Taper Curve Per Section:

A single section

Terminal Type And Quantity:

3 pin

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A002a0