

View Online at <https://aerobasegroup.com/nsn/5905-01-332-9924>

Section Quantity:

1

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

Body Diameter:

1.297 mils and 1.327 centimeters

Shaft Diameter:

Between 0.249 inches and 0.250 inches

Shaft Length:

Between 0.844 inches and 0.906 inches

Mounting Bushing Length:

Between 0.360 inches and 0.390 inches

Body Length:

Between 0.610 inches and 0.640 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Sleeve

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 335.0 and 345.0

Maximum Starting Torque:

4.50 inch-ounces

Maximum Running Torque:

4.00 inch-ounces

Maximum Stop Torque:

128.00 inch-ounces

Nonturn Device Location:

At 6 oclock

Nonturn Device Radius:

Between 0.557 inches and 0.567 inches

Shaft End Play:

0.008 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.005 inches

Pilot Diameter Runout:

0.003 inches

Shaft Radial Play:

0.003 inches

Fragility Factor:

Moderately rugged

End Application:

An/tyq-2 (v) 1

Screw Thread Diameter:

0.375 inches

Screw Thread Series Designator:

Unef

Screw Thready Qty Per Inch (tpi):

32.0

Terminal Location:

Rear end

Mounting Method:

Standard bushing

Features Provided:

Humidity proof

Cubic Measure:

0.845 cubic inches

Electrical Resistance Per Section:

250.0 percent, rated amperes c and better flooring

Rotary Actuator Travel In Angular Deg:

Between 335.0 and 345.0

Function Conformity Tolerance Per Section:

-0.25/+0.25 single section

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

71.0 single section

Power Dissipation Rating Per Section In Watts:

2.0 7th secondary quality

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 single section

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

7 oclock all primaries

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

25.0 single section

Special Features:

Stainless steel non-magnetic shaft

Precious Material And Location:

Terminal surfaces gold

Precious Material:

Gold

Terminal Type And Quantity:

3 turret

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A002a0