

View Online at <https://aerobasegroup.com/nsn/5905-00-985-5978>

Section Quantity:

1

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

Overall Length:

Between 1.776 inches and 1.848 inches

Body Diameter:

Between 0.859 inches and 0.891 inches

Shaft Diameter:

0.250 inches

Shaft Length:

Between 0.796 inches and 0.828 inches

Mounting Bushing Length:

Between 0.296 inches and 0.328 inches

Body Length:

Between 0.980 inches and 1.020 inches

Overall Diameter:

1.063 inches

Shaft Style:

Round, slotted

Contact Arm Electrical Off Position:

Fully ccw-cw

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 3600.0 and 3610.0

Maximum Starting Torque:

0.60 inch-ounces

Maximum Stop Torque:

48.00 inch-ounces

Nonturn Device Location:

At 7 oclock

Nonturn Device Radius:

Between 0.280 inches and 0.300 inches

Shaft End Play:

0.005 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.005 inches

Pilot Diameter Runout:

0.002 inches

Shaft Radial Play:

0.003 inches

Mechanical Backlash In Deg Angular Rotation:

1.0

Screw Thread Diameter:

0.375 inches

Screw Thread Series Designator:

Unef

Screw Thready Qty Per Inch (tpi):

32.0

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Standard bushing w/shaft seal

Electrical Resistance Per Section:

500.0 ohms single section

Rotary Actuator Travel In Angular Deg:

Between 3600.0 and 3610.0

Function Conformity Tolerance Per Section:

-0.20/+0.20 single section

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

125.0 single section

Power Dissipation Rating Per Section In Watts:

2.0 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:

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

Terminal Type And Quantity:

3 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A002a0