

View Online at <https://aerobasegroup.com/nsn/5905-01-320-1579>

Section Quantity:

1

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

Body Diameter:

1.780 mils and 1.840 centimeters

Shaft Diameter:

Between 0.2494 inches and 0.2497 inches

Shaft Length:

Between 0.780 inches and 0.840 inches

Mounting Bushing Length:

Between 0.280 inches and 0.340 inches

Body Length:

Between 1.180 inches and 1.240 inches

Shaft Style:

Round

Shaft Bearing Type:

Sleeve

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

1080.0

Maximum Starting Torque:

1.75 inch-ounces

Maximum Running Torque:

1.26 inch-ounces

Maximum Stop Torque:

750.00 inch-ounces

Nonturn Device Location:

At 12 oclock

Nonturn Device Radius:

Between 0.547 inches and 0.577 inches

Shaft End Play:

0.010 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.005 inches

Pilot Diameter Runout:

0.002 inches

Shaft Radial Play:

0.003 inches

Fragility Factor:

Moderately rugged

Screw Thread Diameter:

0.375 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

Electrical Resistance Per Section:

5.0 percent, rated amperes c and better flooring

Rotary Actuator Travel In Angular Deg:

1080.0

Function Conformity Tolerance Per Section:

-0.075/+0.075 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:

3.0 7th secondary quality

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-3.0/+3.0 single section

Actuator Travel Control Feature:

Clutch

Function Characteristic Per Section:

7 oclock all primaries

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:

40.0 single section

Test Data Document:

07878-85-32721 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

Terminal Type And Quantity:

3 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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