

View Online at <https://aerobasegroup.com/nsn/5905-00-991-0751>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.8740 inches and 1.8750 inches

Pilot Length:

0.0620 inches

Overall Length:

3.406 inches

Undercut Diameter:

1.875 inches

Undercut Width:

0.0730 inches

Body Diameter:

2.031 inches

Shaft Diameter:

0.240 inches

Shaft Length:

0.500 inches

Body Length:

2.875 inches

Overall Diameter:

2.391 inches

Mounting Lip Diameter:

Between 1.9900 inches and 2.0050 inches

Mounting Lip Depth:

0.0930 inches

Shaft Style:

Round, fluted

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

3600.0

Maximum Starting Torque:

1.50 inch-ounces

Maximum Running Torque:

1.20 inch-ounces

Maximum Stop Torque:

600.00 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.001 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

5.0 percent, rated amperes c and better finish

Tap Location From Ccw Terminal Per Section In Deg Of Effective Electrical Rotation:

1800.0 1st section

Rotary Actuator Travel In Angular Deg:

Between 3430.0 and 3790.0

Function Conformity Tolerance Per Section:

-5.00/+5.00 2nd section

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

85.0 all sections

Temperature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius:

-600.0/+600.0 all sections

Power Dissipation Rating Per Section In Watts:

2.5 free air all sections

Function Conformity Per Section:

All sections terminal base linearity

Fixed Tap Quantity Per Section:

7 2nd section

Tap Location Tolerance Per Section:

-1.0/+1.0 degrees angular rotation all sections

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 all sections

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

9 oclock all primaries

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

40.0 all sections

Terminal Type And Quantity:

14 turret

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A002a0