

View Online at <https://aerobasegroup.com/nsn/5905-00-651-1632>

Section Quantity:

3

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

1.3120 inches

Pilot Length:

0.0620 inches

Undercut Diameter:

1.312 inches

Undercut Width:

0.0930 inches

Body Diameter:

1.453 inches

Shaft Diameter:

0.249 inches

Shaft Length:

0.688 inches

Body Length:

2.120 inches

Mounting Lip Diameter:

1.4380 inches

Mounting Lip Depth:

0.0630 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Bearing

Actuator Type:

Double ended shaft

Effective Electrical Rotation In Deg Angular Rotation:

349.0

Maximum Starting Torque:

2.20 inch-ounces

Maximum Running Torque:

1.50 inch-ounces

Shaft End Play:

0.00500 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.00100 inches

Shaft Radial Play:

0.0015 inches

Mechanical Backlash In Deg Angular Rotation:

10.0

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

50.000 percent, rated amperes c and better industrial clears

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

172.0 all sections

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-1.50/+1.50 3rd section

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

80.0 all sections

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

-20.0/+20.0 all sections

Power Dissipation Rating Per Section In Watts:

0.5 free air all sections

Function Conformity Per Section:

1st section absolute linearity

Fixed Tap Quantity Per Section:

1 all sections

Tap Location Tolerance Per Section:

-1.0/+1.0 degrees angular rotation all sections

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 3rd section

Actuator Travel Control Feature:

Continuous motion

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:

12 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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