

View Online at <https://aerobasegroup.com/nsn/5905-00-250-7987>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

1.5620 inches

Pilot Length:

0.0620 inches

Undercut Diameter:

1.562 inches

Undercut Width:

0.0730 inches

Body Diameter:

1.750 inches

Shaft Diameter:

0.2497 inches

Shaft Length:

0.625 inches

Body Length:

0.990 inches

Mounting Lip Diameter:

1.7500 inches

Mounting Lip Depth:

0.0930 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

350.0

Maximum Starting Torque:

3.00 inch-ounces

Maximum Running Torque:

2.00 inch-ounces

Shaft Runout:

0.001 inches

Lateral Runout:

0.005 inches

Pilot Diameter Runout:

0.0015 inches

Shaft Radial Play:

0.002 inches

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

20.0 kilohms all sections

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

5.4 2nd section and 10.8 2nd section and 21.6 2nd section and 54.0 2nd section and 118.0 2nd section and 129.6 2nd section and 180.0 2nd section and 185.4 2nd section and 190.8 2nd section and 201.6 2nd section and 234.0 2nd section and 298.8 2nd section and 309.6 2nd section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.25/+0.25 all sections

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

125.0 all sections

Power Dissipation Rating Per Section In Watts:

8.0 free air all sections

Function Conformity Per Section:

All sections independent linearity

Fixed Tap Quantity Per Section:

9 1st section

Tap Location Tolerance Per Section:

-0.5/+0.5 degrees angular rotation all sections

Resistance Tolerance Per Section In Percent:

-10.0/+10.0 all sections

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

All sections linear

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

70.0 all sections

Terminal Type And Quantity:

28 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

1000-0