

View Online at <https://aerobasegroup.com/nsn/5905-00-250-7986>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

1.5620 inches

Pilot Length:

0.0620 inches

Overall Length:

1.790 inches

Undercut Diameter:

1.570 inches

Undercut Width:

0.0730 inches

Body Diameter:

1.750 inches

Shaft Diameter:

0.2497 inches

Shaft Length:

0.625 inches

Body Length:

0.665 inches

Overall Diameter:

2.250 inches

Mounting Lip Diameter:

1.7500 inches

Mounting Lip Depth:

0.0930 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Double ended shaft

Effective Electrical Rotation In Deg Angular Rotation:

350.0

Maximum Starting Torque:

1.30 inch-ounces

Maximum Running Torque:

1.30 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.006 inches

Pilot Diameter Runout:

0.002 inches

Shaft Radial Play:

0.003 inches

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Cubic Measure:

1.600 cubic inches

Electrical Resistance Per Section:

50.0 kilohms single section

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

90.0 single section and 180.0 single section and 270.0 single section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.50/+0.50 single section

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

85.0 single section

Power Dissipation Rating Per Section In Watts:

2.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Fixed Tap Quantity Per Section:

3 single section

Tap Location Tolerance Per Section:

-5.0/+5.0 degrees angular rotation single section

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 single section

Actuator Travel Control Feature:

Continuous motion

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:

40.0 single section

Special Features:

Rear shaft; 0.5 in. Lg; 0.2497 in. Dia

Precious Material And Location:

Terminal surfaces gold

Precious Material:

Gold

Terminal Type And Quantity:

5 turret and 1 wire loop

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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