

View Online at <https://aerobasegroup.com/nsn/5905-00-443-9756>

Section Quantity:

3

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

2.8750 inches

Pilot Length:

0.0620 inches

Overall Length:

2.500 inches

Undercut Diameter:

2.875 inches

Undercut Width:

0.0730 inches

Body Diameter:

3.000 inches

Shaft Diameter:

0.250 inches

Shaft Length:

0.750 inches

Body Length:

1.750 inches

Overall Diameter:

3.219 inches

Mounting Lip Diameter:

3.0000 inches

Mounting Lip Depth:

0.0620 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

352.5

Maximum Starting Torque:

1.00 inch-ounces

Maximum Running Torque:

1.00 inch-ounces

Shaft End Play:

0.00500 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.00150 inches

Shaft Radial Play:

0.002 inches

Fragility Factor:

Rugged

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Humidity proof

Cubic Measure:

5.301 cubic inches

Electrical Resistance Per Section:

1.500 megohms 1st section

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

60.0 3rd section and 90.0 3rd section and 120.0 3rd section and 150.0 3rd section and 180.0 3rd section and 210.0 3rd section and 240.0 3rd section and 270.0 3rd section and 300.0 3rd section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.50 to 0.50 all sections

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

85.0 all sections

Power Dissipation Rating Per Section In Watts:

6.0 free air all sections

Function Conformity Per Section:

All sections independent linearity

Fixed Tap Quantity Per Section:

9 3rd section

Tap Location Tolerance Per Section:

-2.0 to 2.0 degrees angular rotation 3rd section

Resistance Tolerance Per Section In Percent:

-5.0 to 5.0 all sections

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

All sections linear

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

-20.0 to 20.0 all sections

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

25.0 all sections

Unpackaged Unit Weight:

8.400 ounces

Precious Material And Location:

Terminal surfaces gold

Precious Material And Weight:

0.720 gold grains, troy

Precious Material:

Gold

Terminal Type And Quantity:

18 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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