

View Online at <https://aerobasegroup.com/nsn/5905-00-887-9470>

Section Quantity:

3

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.0295 inches and 1.0300 inches

Pilot Length:

Between 0.0300 inches and 0.0500 inches

Undercut Diameter:

Between 1.0295 inches and 1.030 inches

Undercut Width:

Between 0.0500 inches and 0.0700 inches

Body Diameter:

Between 1.080 inches and 1.100 inches

Shaft Diameter:

0.125 inches

Shaft Length:

Between 0.743 inches and 0.812 inches

Body Length:

1.260 inches

Mounting Lip Diameter:

Between 1.0800 inches and 1.1000 inches

Mounting Lip Depth:

Between 0.0500 inches and 0.0700 inches

Undercut Diameter:

Between 0.116 inches and 0.119 inches

Shaft Style:

Round, stepped

Shaft Bearing Type:

Ball

Actuator Type:

Double ended shaft

Effective Electrical Rotation In Deg Angular Rotation:

343.0

Maximum Starting Torque:

0.60 inch-ounces

Maximum Running Torque:

0.50 inch-ounces

Shaft End Play:

0.001 inches

Shaft Runout:

0.006 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.001 inches

Mechanical Backlash In Deg Angular Rotation:

0.5

Undercut Length:

Between 0.012 inches and 0.014 inches

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

20.0 kilohms all sections

Rotary Actuator Travel In Angular Deg:

360.0

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

125.0 all sections

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

-400.0/+400.0 all sections

Power Dissipation Rating Per Section In Watts:

1.0 free air all sections

Fixed Tap Quantity Per Section:

1 all sections

Resistance Tolerance Per Section In Percent:

-10.0/+10.0 all sections

Actuator Travel Control Feature:

Continuous motion

Tap Location From Ccw Terminal Per Section In Ohms:

100.0 all sections

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

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