

View Online at <https://aerobasegroup.com/nsn/5905-00-887-9471>

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 0.0350 inches and 0.0450 inches

Undercut Diameter:

Between 1.0295 inches and 1.030 inches

Undercut Width:

Between 1.0890 inches and 1.0990 inches

Body Diameter:

Between 1.089 inches and 1.099 inches

Shaft Diameter:

0.125 inches

Shaft Length:

Between 0.470 inches and 0.490 inches

Body Length:

1.135 inches

Mounting Lip Diameter:

Between 1.0890 inches and 1.0990 inches

Mounting Lip Depth:

Between 0.0570 inches and 0.0670 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

343.0 and 343.0 and 347.0

Maximum Starting Torque:

0.60 inch-ounces

Maximum Running Torque:

0.50 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.001 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

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

40.0 percent, rated amperes c and better industrial clears

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-2.00/+2.00 2nd section

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

125.0 single section

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

-400.0/+400.0 single section

Power Dissipation Rating Per Section In Watts:

1.0 free air single section

Function Conformity Per Section:

Single section terminal base linearity

Fixed Tap Quantity Per Section:

5 2nd section

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:

2000.0 single section

Function Characteristic Per Section:

9 oclock 2nd primary

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

40.0 single section

Terminal Type And Quantity:

16 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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