

View Online at <https://aerobasegroup.com/nsn/5905-01-148-8443>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

1.3125 inches

Pilot Length:

0.0620 inches

Undercut Diameter:

1.313 inches

Undercut Width:

0.0730 inches

Body Diameter:

1.437 inches

Shaft Diameter:

Between 0.2494 inches and 0.2497 inches

Shaft Length:

0.680 inches

Body Length:

1.000 inches

Mounting Lip Diameter:

1.4370 inches

Mounting Lip Depth:

0.0930 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Bearing

Actuator Type:

Double ended shaft

Effective Electrical Rotation In Deg Angular Rotation:

345.0

Maximum Starting Torque:

1.00 inch-ounces

Maximum Running Torque:

0.75 inch-ounces

Shaft End Play:

0.002 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.0014 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.002 inches

Fragility Factor:

Rugged

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

50.0 percent, rated amperes c and better flooring

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

23.0 single section and 184.0 single section and 330.0 single section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.25/+0.25 single section

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

125.0 single section

Power Dissipation Rating Per Section In Watts:

1.0 7th secondary quality

Function Conformity Per Section:

Single section absolute linearity

Fixed Tap Quantity Per Section:

3 single section

Tap Location Tolerance Per Section:

-1.0/+1.0 degrees angular rotation single section

Resistance Tolerance Per Section In Percent:

-1.0/+1.0 single section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

7 oclock all primaries

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

Test Data Document:

53711-5400409 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

Terminal Type And Quantity:

7 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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