

View Online at <https://aerobasegroup.com/nsn/5905-00-243-8119>

Section Quantity:

4

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

0.9688 inches

Pilot Length:

0.0620 inches

Overall Length:

2.951 inches

Undercut Diameter:

1.625 inches

Undercut Width:

0.0730 inches

Body Diameter:

1.761 inches

Shaft Diameter:

0.1247 inches

Shaft Length:

0.625 inches

Body Length:

1.901 inches

Overall Diameter:

2.218 inches

Mounting Lip Diameter:

1.7500 inches

Mounting Lip Depth:

0.0930 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Ball

Actuator Type:

Double ended shaft

Effective Electrical Rotation In Deg Angular Rotation:

165.0

Maximum Starting Torque:

2.10 inch-ounces

Shaft End Play:

0.00500 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Cubic Measure:

7.345 cubic inches

Electrical Resistance Per Section:

5.0 percent, rated amperes c and better v.G. Stepping

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

67.23 2nd section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.30/+0.30 all sections

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:

-20.0/+20.0 all sections

Power Dissipation Rating Per Section In Watts:

2.0 free air all sections

Function Conformity Per Section:

All sections absolute conformity

Fixed Tap Quantity Per Section:

1 2nd section

Tap Location Tolerance Per Section:

-10.0/+10.0 degrees angular rotation 2nd section

Resistance Tolerance Per Section In Percent:

-10.0/+10.0 all sections

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

All sections table

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

85.0 all sections

Special Features:

Rear shaft length is 0.375 inches , diameter is 0.1247 inches

Test Data Document:

55972-1960923 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:

14 turret

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A002a0