

View Online at <https://aerobasegroup.com/nsn/5905-00-056-4295>

Section Quantity:

11

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

0.9688 inches

Pilot Length:

0.6200 inches

First Flat Length:

0.375 inches

Flat Height:

0.105 inches

Undercut Diameter:

0.968 inches

Undercut Width:

0.0570 inches

Body Diameter:

1.062 inches

Shaft Diameter:

0.1247 inches

Shaft Length:

0.437 inches

Body Length:

2.680 inches

Mounting Lip Diameter:

1.0750 inches

Mounting Lip Depth:

0.0620 inches

Shaft Style:

Round, flatted

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

340.0

Maximum Starting Torque:

3.45 inch-ounces

Maximum Running Torque:

3.45 inch-ounces

Maximum Stop Torque:

32.00 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.001 inches

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

7.5 kilohms 4th section

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

38.17 4th section and 87.27 4th section and 136.37 4th section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-1.50 to 1.50 8th section

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

100.0 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

Function Conformity Per Section:

All sections absolute conformity

Fixed Tap Quantity Per Section:

3 4th section

Tap Location Tolerance Per Section:

-2.0 to 2.0 degrees angular rotation all sections

Resistance Tolerance Per Section In Percent:

-10.0/+10.0 all sections

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

All sections equation

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

25.0 all sections

Test Data Document:

97942-577r900 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:

45 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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