

View Online at <https://aerobasegroup.com/nsn/5905-00-139-1251>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Pilot Diameter:

Between 1.46750 inches and 1.46800 inches

Pilot Length:

0.06200 inches

Overall Length:

1.362 inches

Undercut Width:

0.07300 inches

Body Diameter:

1.625 inches

Shaft Diameter:

Between 0.2494 inches and 0.2497 inches

Shaft Length:

0.562 inches

Body Length:

0.800 inches

Overall Diameter:

2.000 inches

Mounting Lip Diameter:

1.62500 inches

Mounting Lip Depth:

0.06200 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

345.0

Maximum Running Torque:

0.60 inch-ounces

Maximum Stop Torque:

0.95 inch-ounces

Shaft End Play:

0.00500 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.00200 inches

Shaft Radial Play:

0.002 inches

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

10.000 kilohms single section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.30/+0.30 single section

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

105.0 single section

Power Dissipation Rating Per Section In Watts:

3.5 free air single section

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-3.0/+3.0 single section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

Single section linear

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

-20.0 to 20.0 single section

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

40.0 single section

Test Data Document:

02111-1190-9510 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:

4 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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