

View Online at <https://aerobasegroup.com/nsn/5905-00-084-8729>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Pilot Diameter:

1.185000 inches

Pilot Length:

0.06200 inches

Undercut Diameter:

1.312 inches

Undercut Width:

0.07300 inches

Body Diameter:

1.437 inches

Shaft Diameter:

0.125 inches

Shaft Length:

0.875 inches

Body Length:

1.250 inches

Mounting Lip Depth:

0.09300 inches

Shaft Style:

Round, slotted

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

360.0

Maximum Starting Torque:

1.00 inch-ounces

Maximum Running Torque:

0.75 inch-ounces

Shaft End Play:

0.00500 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.00100 inches

Shaft Radial Play:

0.001 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Shaft locking device

Electrical Resistance Per Section:

2.083 kilohms single section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.50/+0.50 single section

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

150.0 single section

Power Dissipation Rating Per Section In Watts:

3.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-0.25/+0.25 single section

Actuator Travel Control Feature:

Continuous motion

Criticality Code Justification:

Feat

Function Characteristic Per Section:

Single section linear

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

-50.0/+50.0 single section

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

85.0 single section

Special Features:

Weapon system essential

Terminal Type And Quantity:

3 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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