

View Online at <https://aerobasegroup.com/nsn/5905-00-814-9869>

Section Quantity:

3

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.7495 inches and 0.7500 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Overall Length:

3.645 inches

Undercut Diameter:

0.750 inches

Undercut Width:

Between 0.0530 inches and 0.0730 inches

Body Diameter:

Between 0.870 inches and 0.880 inches

Shaft Diameter:

0.125 inches

Shaft Length:

0.625 inches

Body Length:

3.020 inches

Overall Diameter:

1.082 inches

Mounting Lip Diameter:

Between 0.8700 inches and 0.8800 inches

Mounting Lip Depth:

Between 0.0570 inches and 0.0670 inches

Shaft Style:

Round

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

1080.0

Maximum Starting Torque:

1.20 inch-ounces

Maximum Running Torque:

0.90 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.0009 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Flange

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

4.5 percent, rated amperes c and better select

Rotary Actuator Travel In Angular Deg:

1080.0

Function Conformity Tolerance Per Section:

-0.25/+0.25 3rd section

Power Dissipation Rating Per Section In Watts:

1.4 7th secondary finish

Function Conformity Per Section:

All sections zero based linearity

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 1st section

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

All sections linear

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

-20.0/+20.0 all sections

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

85.0 all sections

Terminal Type And Quantity:

9 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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