

View Online at <https://aerobasegroup.com/nsn/5905-00-905-9711>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

0.4000 inches

Pilot Length:

0.0400 inches

Undercut Diameter:

0.531 inches

Undercut Width:

0.6200 inches

Body Diameter:

0.531 inches

Shaft Diameter:

Between 0.1246 inches and 0.1248 inches

Shaft Length:

0.562 inches

Body Length:

1.094 inches

Mounting Lip Diameter:

0.5310 inches

Mounting Lip Depth:

0.0310 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Contact Arm Electrical Off Position:

Fully ccw

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

3600.0

Maximum Starting Torque:

0.04 inch-ounces

Maximum Running Torque:

0.03 inch-ounces

Maximum Stop Torque:

30.00 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.002 inches

Pilot Diameter Runout:

0.002 inches

Shaft Radial Play:

0.00200 inches

Terminal Location:

Rear end

Mounting Method:

Clamp ring

Features Provided:

Hermetically sealed

Electrical Resistance Per Section:

12.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

3600.0

Function Conformity Tolerance Per Section:

-0.50/+0.50 single section

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

125.0 single section

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

-20.0/+20.0 single section

Power Dissipation Rating Per Section In Watts:

1.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 single section

Actuator Travel Control Feature:

Clutch

Function Characteristic Per Section:

Single section linear

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

40.0 single section

Terminal Type And Quantity:

3 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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