

View Online at <https://aerobasegroup.com/nsn/5905-00-784-4660>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

0.6250 inches

Pilot Length:

0.0620 inches

Undercut Diameter:

0.781 inches

Undercut Width:

0.0520 inches

Body Diameter:

0.900 inches

Shaft Diameter:

0.250 inches

Shaft Length:

0.125 inches

Body Length:

1.175 inches

Mounting Lip Diameter:

0.8750 inches

Mounting Lip Depth:

0.0620 inches

Shaft Style:

Round

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

768.0

Maximum Starting Torque:

0.80 inch-ounces

Maximum Running Torque:

0.15 inch-ounces

Shaft End Play:

0.00250 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.015 inches

Pilot Diameter Runout:

0.00150 inches

Shaft Radial Play:

0.002 inches

Mechanical Backlash In Deg Angular Rotation:

1.0

Terminal Location:

Longitudinally positioned on the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

5.000 kilohms single section

Rotary Actuator Travel In Angular Deg:

930.0

Function Conformity Tolerance Per Section:

-0.20/+0.20 single section

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

125.0 single section

Power Dissipation Rating Per Section In Watts:

1.5 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:

25.0 single section

Special Features:

W/pinion @gear on end of shaft with 28 teeth, 0.4138 min. And 0.4167 maximum dia, 20 degrees pressure angle

Terminal Type And Quantity:

3 solder stud

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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