

View Online at <https://aerobasegroup.com/nsn/5905-01-227-0906>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 2.8740 inches and 2.8750 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Undercut Diameter:

Between 2.995 inches and 3.005 inches

Undercut Width:

0.0730 inches

Body Diameter:

Between 2.995 inches and 3.005 inches

Angle Of Mounting Hole In Deg:

60.0

Angle Between Centerlines Of Mounting Holes In Deg:

120.0

Shaft Diameter:

Between 0.2494 inches and 0.2497 inches

Shaft Length:

Between 0.485 inches and 0.515 inches

Body Length:

1.292 inches

Mounting Lip Diameter:

Between 2.9950 inches and 3.0050 inches

Mounting Lip Depth:

Between 0.0880 inches and 0.0980 inches

Mounting Hole/stud Circle Diameter:

Between 1.745 inches and 1.755 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Bearing

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

250.0

Maximum Starting Torque:

2.75 inch-ounces

Maximum Running Torque:

1.60 inch-ounces

Shaft Runout:

0.002 inches

Fragility Factor:

Moderately rugged

Screw Thread Diameter:

0.164 inches

Screw Thread Series Designator:

Unc

Screw Thready Qty Per Inch (tpi):

32.0

Mounting Facility Quantity:

3

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Threaded hole

Electrical Resistance Per Section:

10.0 kilohms 1st section and 13.7 kilohms 2nd section

Rotary Actuator Travel In Angular Deg:

250.0

Function Conformity Tolerance Per Section:

-0.15 to 0.15 all sections

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

125.0 all sections

Power Dissipation Rating Per Section In Watts:

6.0 free air all sections

Function Conformity Per Section:

All sections terminal base linearity

Resistance Tolerance Per Section In Percent:

-3.0 to 3.0 all sections

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

All sections linear

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

70.0 all sections

Terminal Type And Quantity:

6 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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