

View Online at <https://aerobasegroup.com/nsn/5905-00-590-6095>

Section Quantity:

4

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.5520 inches and 1.5620 inches

Pilot Length:

0.0620 inches

Undercut Diameter:

1.562 inches

Undercut Width:

0.0730 inches

Body Diameter:

1.780 inches

Shaft Diameter:

Between 0.2495 inches and 0.2500 inches

Shaft Length:

0.625 inches

Body Length:

2.750 inches

Mounting Lip Diameter:

1.7800 inches

Mounting Lip Depth:

0.0930 inches

Shaft Style:

Round, slotted

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

354.0

Maximum Starting Torque:

1.60 inch-ounces

Maximum Running Torque:

0.80 inch-ounces

Shaft End Play:

0.00500 inches

Shaft Runout:

0.0005 inches

Lateral Runout:

0.0025 inches

Pilot Diameter Runout:

0.00100 inches

Shaft Radial Play:

0.0015 inches

Terminal Location:

Longitudinally positioned on the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

5.0 kilohms all sections

Tap Location From Ccw Terminal Per Section In Deg Of Effective Electrical Rotation:

9.0 4th section and 268.0 4th section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-1.00/+1.00 all sections

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

80.0 all sections

Power Dissipation Rating Per Section In Watts:

2.5 free air all sections

Function Conformity Per Section:

All sections terminal base linearity

Fixed Tap Quantity Per Section:

2 4th section

Tap Location Tolerance Per Section:

-1.0/+1.0 degrees angular rotation all sections

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 all sections

Actuator Travel Control Feature:

Continuous motion

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:

40.0 all sections

Terminal Type And Quantity:

17 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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