

View Online at <https://aerobasegroup.com/nsn/5905-01-225-8035>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

0.3745 inches

Pilot Length:

0.0400 inches

Overall Length:

1.610 inches

Undercut Diameter:

0.250 inches

Undercut Width:

0.0040 inches

Body Diameter:

1.132 inches

Shaft Diameter:

0.093 inches

Shaft Length:

1.310 inches

Body Length:

0.300 inches

Overall Diameter:

1.132 inches

Mounting Lip Diameter:

1.1320 inches

Mounting Lip Depth:

0.0460 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

310.0

Maximum Starting Torque:

0.27 inch-ounces

Maximum Running Torque:

0.27 inch-ounces

Shaft End Play:

0.00500 inches

Shaft Runout:

0.003 inches

Lateral Runout:

0.003 inches

Pilot Diameter Runout:

0.00300 inches

Shaft Radial Play:

0.002 inches

Fragility Factor:

Moderately rugged

End Application:

Triple torque

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Cubic Measure:

1.620 cubic inches

Electrical Resistance Per Section:

11.000 kilohms single section

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

15.0 single section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.15 to 0.15 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 to 20.0 single section

Power Dissipation Rating Per Section In Watts:

1.0 free air single section

Function Conformity Per Section:

Single section absolute linearity

Fixed Tap Quantity Per Section:

1 single section

Tap Location Tolerance Per Section:

-10.0 to 10.0 degrees angular rotation single section

Resistance Tolerance Per Section In Percent:

-10.0 to 10.0 single section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

Single section linear

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

70.0 single section

Terminal Type And Quantity:

4 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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