

View Online at <https://aerobasegroup.com/nsn/5905-00-781-7770>

Section Quantity:

5

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.8740 inches and 1.8760 inches

Pilot Length:

Between 0.0520 inches and 0.0720 inches

Undercut Diameter:

1.875 inches

Undercut Width:

Between 0.0630 inches and 0.0830 inches

Body Diameter:

Between 1.990 inches and 2.010 inches

Shaft Diameter:

0.2497 inches

Shaft Length:

0.620 inches

Body Length:

3.430 inches

Mounting Lip Diameter:

2.0000 inches

Mounting Lip Depth:

0.0930 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

356.0

Maximum Starting Torque:

2.30 inch-ounces

Maximum Running Torque:

1.60 inch-ounces

Shaft End Play:

0.00400 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.006 inches

Pilot Diameter Runout:

0.00150 inches

Shaft Radial Play:

0.002 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Flange

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

1.000 kilohms all sections

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.50/+0.50 all sections

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

85.0 all sections

Power Dissipation Rating Per Section In Watts:

3.5 free air all sections

Function Conformity Per Section:

All sections independent linearity

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:

+0.0/+130.0 all sections

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

40.0 all sections

Terminal Type And Quantity:

15 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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