

View Online at <https://aerobasegroup.com/nsn/5905-00-755-5306>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.5610 inches and 1.5620 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Overall Length:

Between 1.265 inches and 1.297 inches

Undercut Diameter:

Between 1.561 inches and 1.562 inches

Undercut Width:

0.0730 inches

Body Diameter:

Between 1.734 inches and 1.766 inches

Shaft Diameter:

0.250 inches

Shaft Length:

Between 0.734 inches and 0.766 inches

Body Length:

0.980 inches

Overall Diameter:

1.750 inches

Mounting Lip Diameter:

Between 1.7340 inches and 1.7660 inches

Mounting Lip Depth:

Between 0.0880 inches and 0.0980 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Double ended shaft

Effective Electrical Rotation In Deg Angular Rotation:

320.0

Maximum Starting Torque:

1.50 inch-ounces

Maximum Running Torque:

1.20 inch-ounces

Shaft End Play:

0.004 inches

Shaft Runout:

0.003 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.001 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:

10.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.25/+0.25 single section

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

90.0 single section

Power Dissipation Rating Per Section In Watts:

2.5 free air single section

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-3.0/+3.0 single section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

Single section linear

Temperature Coefficient Of Resistance Wire Per Section In Ppm Per Deg Celsius:

-20.0/+20.0 single section

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

60.0 single section

Terminal Type And Quantity:

3 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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