

View Online at <https://aerobasegroup.com/nsn/5905-00-937-8074>

Section Quantity:

4

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.31100 inches and 1.31200 inches

Pilot Length:

0.06200 inches

Overall Length:

Between 3.377 inches and 3.439 inches

Terminal Length:

0.507 inches

Undercut Diameter:

1.438 inches

Undercut Width:

0.07300 inches

Body Diameter:

1.453 inches

Shaft Diameter:

Between 0.249 inches and 0.250 inches

Shaft Length:

Between 0.657 inches and 0.719 inches

Body Length:

2.720 inches

Overall Diameter:

1.960 inches

Mounting Lip Diameter:

1.31200 inches

Mounting Lip Depth:

0.09300 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 349.0 and 353.0

Maximum Starting Torque:

2.80 inch-ounces

Maximum Running Torque:

2.00 inch-ounces

Shaft End Play:

0.00250 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.002 inches

Shaft Radial Play:

0.002 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

97.500 percent, rated amperes c and better industrial clears

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.35/+0.35 4th section

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

125.0 single section

Power Dissipation Rating Per Section In Watts:

2.0 free air all sections

Function Conformity Per Section:

All sections absolute linearity

Resistance Tolerance Per Section In Percent:

-1.0/+1.0 2nd section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

All sections linear

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

40.0 all sections

Terminal Type And Quantity:

12 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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