

View Online at <https://aerobasegroup.com/nsn/5905-00-018-9870>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.5610 inches and 1.5620 inches

Pilot Length:

0.0620 inches

Overall Length:

2.498 inches

Undercut Diameter:

1.562 inches

Undercut Width:

0.0730 inches

Body Diameter:

Between 1.740 inches and 1.760 inches

Shaft Diameter:

0.250 inches

Shaft Length:

Between 0.907 inches and 0.969 inches

Body Length:

1.560 inches

Overall Diameter:

2.186 inches

Mounting Lip Diameter:

Between 1.7400 inches and 1.7600 inches

Mounting Lip Depth:

0.0930 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Maximum Starting Torque:

1.40 inch-ounces

Maximum Running Torque:

0.80 inch-ounces

Maximum Stop Torque:

128.00 inch-ounces

Shaft End Play:

0.0025 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.0015 inches

Shaft Radial Play:

0.001 inches

Mechanical Backlash In Deg Angular Rotation:

1.0

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

10.0 kilohms all sections

Rotary Actuator Travel In Angular Deg:

333.0

Function Conformity Tolerance Per Section:

-1.00 to 1.00 all sections

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

150.0 all sections

Power Dissipation Rating Per Section In Watts:

0.1 free air all sections

Function Conformity Per Section:

All sections absolute conformity

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 all sections

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

All sections table

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

85.0 all sections

Test Data Document:

18876-10132431 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

Terminal Type And Quantity:

6 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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