

View Online at <https://aerobasegroup.com/nsn/5905-01-303-9861>

Section Quantity:

3

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.8740 inches and 1.8750 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Undercut Diameter:

Between 1.874 inches and 1.875 inches

Undercut Width:

0.0800 inches

Body Diameter:

Between 1.990 inches and 2.010 inches

Shaft Diameter:

Between 0.2494 inches and 0.2497 inches

Shaft Length:

Between 0.594 inches and 0.656 inches

Body Length:

Between 1.707 inches and 1.893 inches

Mounting Lip Diameter:

Between 1.9900 inches and 2.0100 inches

Mounting Lip Depth:

Between 0.0880 inches and 0.0980 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 348.0 and 352.0

Maximum Starting Torque:

0.75 inch-ounces

Maximum Running Torque:

0.75 inch-ounces

Shaft End Play:

0.003 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.003 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.003 inches

Mechanical Backlash In Deg Angular Rotation:

0.1

Fragility Factor:

Moderately rugged

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Humidity proof

Cubic Measure:

6.007 cubic inches

Electrical Resistance Per Section:

5.8 percent, rated amperes c and better finish

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.25/+0.25 all sections

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

125.0 all sections

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

-500.0/+500.0 all sections

Power Dissipation Rating Per Section In Watts:

2.0 free air all sections

Function Conformity Per Section:

All sections independent linearity

Resistance Tolerance Per Section In Percent:

-10.0/+10.0 all sections

Actuator Travel Control Feature:

Clutch

Function Characteristic Per Section:

All sections linear

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

70.0 all sections

Terminal Type And Quantity:

9 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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