

View Online at <https://aerobasegroup.com/nsn/5905-00-114-2649>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.7490 inches and 0.7500 inches

Pilot Length:

0.0230 inches

Overall Length:

Between 1.670 inches and 1.770 inches

Undercut Diameter:

0.875 inches

Undercut Width:

Between 0.0570 inches and 0.0670 inches

Body Diameter:

0.875 centimeters

Shaft Diameter:

Between 0.1245 inches and 0.1248 inches

Shaft Length:

Between 0.470 inches and 0.530 inches

Body Length:

0.566 inches

Mounting Lip Diameter:

0.8750 inches

Mounting Lip Depth:

0.0570 mils and 0.0670 centimeters

Shaft Style:

Round

Shaft Bearing Type:

Sleeve

Actuator Type:

Double ended shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 345.0 and 355.0

Maximum Starting Torque:

0.10 inch-ounces

Maximum Running Torque:

0.085 inch-ounces

Shaft End Play:

0.00500 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.00200 inches

Shaft Radial Play:

0.004 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

1.890 percent, rated amperes c and better flooring

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-1.00/+1.00 single section

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

105.0 single section

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

-260.0/+260.0 single section

Power Dissipation Rating Per Section In Watts:

0.5 7th secondary quality

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-1.0/+1.0 single section

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

7 oclock all primaries

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

93.0 single section

Special Features:

Pin inserted through shaft within 10 degrees at cw electrical position

Terminal Type And Quantity:

3 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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