

View Online at <https://aerobasegroup.com/nsn/5905-00-018-8820>

Section Quantity:

6

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.87400 inches and 1.87500 inches

Pilot Length:

Between 0.05700 inches and 0.06700 inches

Undercut Diameter:

1.875 inches

Undercut Width:

0.06000 inches

Body Diameter:

1.995 mils and 2.005 centimeters

Shaft Diameter:

Between 0.2494 inches and 0.2497 inches

Shaft Length:

Between 0.440 inches and 0.480 inches

Body Length:

3.630 inches

Mounting Lip Diameter:

Between 1.99500 inches and 2.00500 inches

Mounting Lip Depth:

0.08800 mils and 0.09800 centimeters

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

350.0

Maximum Starting Torque:

4.00 inch-ounces

Maximum Running Torque:

4.00 inch-ounces

Shaft End Play:

0.001 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.0008 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

5.0 percent, rated amperes c and better finish and 5.0 percent, rated amperes c and better industrial clears and 10.0 percent, rated amperes c and better select and 5.0 percent, rated amperes c and better v.G. Stepping and 5.0 percent, rated amperes c drop siding and 10.0 percent, rated amperes c finish

Tap Location From Ccw Terminal Per Section In Deg Of Effective Electrical Rotation:

175.0 6th section

Rotary Actuator Travel In Angular Deg:

350.0

Function Conformity Tolerance Per Section:

-0.04/+0.04 1st section and -0.10/+0.10 2nd section and -0.10/+0.10 3rd section and -0.10/+0.10 4th section and -0.10/+0.10 5th section and -0.10/+0.10 6th section

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

-50.0/+50.0 all sections

Power Dissipation Rating Per Section In Watts:

0.5 7th secondary at 10'30 oclock

Function Conformity Per Section:

All sections absolute conformity

Fixed Tap Quantity Per Section:

1 6th section

Tap Location Tolerance Per Section:

-2.0/+2.0 degrees angular rotation 6th section

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 1st section and -5.0/+5.0 2nd section and -10.0/+10.0 3rd section and -5.0/+5.0 4th section and -5.0/+5.0 5th section and -5.0/+5.0 6th section

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

6 oclock 11th primary

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

125.0 all sections

Test Data Document:

70210-805101 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:

19 turret

Significant

Demilitarization:

No

Fiig:

A002a0