

View Online at <https://aerobasegroup.com/nsn/5905-00-688-7013>

**Section Quantity:**

3

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

0.7500 inches

**Pilot Length:**

0.0620 inches

**Overall Length:**

4.687 inches

**Undercut Diameter:**

Between 2.374 inches and 2.375 inches

**Undercut Width:**

0.0620 inches

**Body Diameter:**

2.500 inches

**Shaft Diameter:**

Between 0.1871 inches and 0.1874 inches

**Shaft Length:**

0.688 inches

**Body Length:**

3.437 inches

**Mounting Lip Diameter:**

2.5000 inches

**Mounting Lip Depth:**

0.0620 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Double ended shaft

**Effective Electrical Rotation In Deg Angular Rotation:**

360.0

**Maximum Starting Torque:**

8.00 inch-ounces

**Maximum Running Torque:**

0.60 inch-ounces

**Shaft End Play:**

0.00500 inches

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.002 inches

**Pilot Diameter Runout:**

0.00100 inches

**Shaft Radial Play:**

0.002 inches

**Mechanical Backlash In Deg Angular Rotation:**

0.25

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring

**Electrical Resistance Per Section:**

30.000 percent, rated amperes c and better finish

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

90.0 1st section and 180.0 1st section and 270.0 1st section

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-0.50/+0.50 3rd section

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

125.0 all sections

**Power Dissipation Rating Per Section In Watts:**

3.0 free air all sections

**Function Conformity Per Section:**

All sections absolute linearity

**Fixed Tap Quantity Per Section:**

2 1st section

**Tap Location Tolerance Per Section:**

-1.0/+1.0 degrees angular rotation 1st section

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 3rd section

**Actuator Travel Control Feature:**

Continuous motion

**Function Characteristic Per Section:**

8 oclock all primaries

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

70.0 all sections

**Terminal Type And Quantity:**

17 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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