

View Online at <https://aerobasegroup.com/nsn/5905-00-870-2273>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 1.3120 inches and 1.3125 inches

**Pilot Length:**

0.0620 inches

**Overall Length:**

1.313 inches

**Undercut Diameter:**

1.312 inches

**Undercut Width:**

0.0730 inches

**Body Diameter:**

1.450 inches

**Shaft Diameter:**

0.250 inches

**Shaft Length:**

Between 0.594 inches and 0.656 inches

**Body Length:**

0.688 inches

**Overall Diameter:**

1.647 inches

**Mounting Lip Diameter:**

1.4370 inches

**Mounting Lip Depth:**

0.0930 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

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

345.0

**Maximum Starting Torque:**

1.00 inch-ounces

**Maximum Running Torque:**

0.75 inch-ounces

**Shaft End Play:**

0.005 inches

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.002 inches

**Pilot Diameter Runout:**

0.001 inches

**Shaft Radial Play:**

0.001 inches

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Servo flange mount

**Features Provided:**

Nonmetallic shaft

**Electrical Resistance Per Section:**

10.0 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

360.0

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

150.0 single section

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

0.5 free air single section

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 single section

**Actuator Travel Control Feature:**

Stops

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

85.0 single section

**Terminal Type And Quantity:**

3 solder stud

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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