

View Online at <https://aerobasegroup.com/nsn/5905-00-936-4275>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 2.8740 inches and 2.8760 inches

**Pilot Length:**

Between 0.0570 inches and 0.0670 inches

**Overall Length:**

2.178 inches

**Undercut Diameter:**

2.875 inches

**Undercut Width:**

0.0730 inches

**Body Diameter:**

Between 2.990 inches and 3.010 inches

**Shaft Diameter:**

0.250 inches

**Shaft Length:**

Between 1.078 inches and 1.109 inches

**Body Length:**

1.084 inches

**Overall Diameter:**

3.261 inches

**Mounting Lip Diameter:**

Between 2.9900 inches and 3.0100 inches

**Mounting Lip Depth:**

Between 0.0880 inches and 0.0980 inches

**Shaft Style:**

Round

**Actuator Type:**

Single shaft

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

355.0

**Maximum Starting Torque:**

2.00 inch-ounces

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.003 inches

**Pilot Diameter Runout:**

0.001 inches

**Shaft Radial Play:**

0.003 inches

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring

**Features Provided:**

Nonmetallic shaft

**Electrical Resistance Per Section:**

20.0 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-0.10/+0.10 single section

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

-4.0/+4.0 single section

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

1.0 free air single section

**Function Conformity Per Section:**

Single section independent linearity

**Resistance Tolerance Per Section In Percent:**

-10.0/+10.0 single section

**Actuator Travel Control Feature:**

Continuous motion

**Function Characteristic Per Section:**

Single section linear

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

85.0 single section

**Test Data Document:**

18876-10179167 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:**

3 solder stud

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A002a0