

View Online at <https://aerobasegroup.com/nsn/5905-00-399-7762>

**Section Quantity:**

3

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 1.8740 inches and 1.8750 inches

**Pilot Length:**

Between 0.0570 inches and 0.0670 inches

**Undercut Diameter:**

1.875 inches

**Undercut Width:**

0.0730 inches

**Body Diameter:**

Between 1.995 inches and 2.005 inches

**Shaft Diameter:**

0.250 inches

**Shaft Length:**

Between 0.969 inches and 1.031 inches

**Body Length:**

3.079 inches

**Mounting Lip Diameter:**

Between 1.9950 inches and 2.0050 inches

**Mounting Lip Depth:**

Between 0.0880 inches and 0.0980 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

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

360.0

**Maximum Starting Torque:**

3.00 inch-ounces

**Maximum Running Torque:**

2.25 inch-ounces

**Shaft End Play:**

0.005 inches

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.002 inches

**Pilot Diameter Runout:**

0.002 inches

**Shaft Radial Play:**

0.001 inches

**Fragility Factor:**

Moderately rugged

**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 all sections

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-2.00/+2.00 all sections

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

85.0 all sections

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

2.5 free air all sections

**Function Conformity Per Section:**

All sections terminal base linearity

**Resistance Tolerance Per Section In Percent:**

-10.0/+10.0 all sections

**Actuator Travel Control Feature:**

Continuous motion

**Function Characteristic Per Section:**

All sections graph

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

25.0 all sections

**Test Data Document:**

10001-2091272 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:**

15 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A002a0