

View Online at <https://aerobasegroup.com/nsn/5905-01-283-7084>

**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**First Flat Length:**

Between 0.365 inches and 0.385 inches

**Flat Height:**

Between 0.211 inches and 0.221 inches

**Body Diameter:**

Between 0.896 inches and 0.916 inches

**Shaft Diameter:**

Between 0.240 inches and 0.260 inches

**Shaft Length:**

Between 0.865 inches and 0.885 inches

**Mounting Bushing Length:**

Between 0.365 inches and 0.385 inches

**Body Length:**

Between 0.443 inches and 0.463 inches

**Shaft Style:**

Round, flatted

**Actuator Type:**

Single shaft

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

Between 251.0 and 318.0

**Maximum Starting Torque:**

6.00 inch-ounces

**Maximum Running Torque:**

6.00 inch-ounces

**Maximum Stop Torque:**

128.00 inch-ounces

**Nonturn Device Location:**

At 9 oclock

**Nonturn Device Radius:**

Between 0.428 inches and 0.448 inches

**Fragility Factor:**

Moderately rugged

**Screw Thread Diameter:**

Between 0.365 inches and 0.385 inches

**Screw Thread Series Designator:**

Unef

**Screw Thready Qty Per Inch (tpi):**

32.0

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Standard bushing

**Features Provided:**

Humidity proof

**Cubic Measure:**

2.987 cubic inches

**Electrical Resistance Per Section:**

500.0 ohms single section

**Rotary Actuator Travel In Angular Deg:**

Between 251.0 and 318.0

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

120.0 single section

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

0.5 free air single section

**Resistance Tolerance Per Section In Percent:**

-20.0/+20.0 single section

**Actuator Travel Control Feature:**

Stops

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

70.0 single section

**Standard Taper Curve Per Section:**

C single section

**Test Data Document:**

81755-c8909 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 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A002a0