

View Online at <https://aerobasegroup.com/nsn/5990-01-097-4721>

**Body Material:**

Aluminum or steel, stainless

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.9995 inches and 1.0000 inches

**Pilot Diameter:**

Between 0.6245 inches and 0.6250 inches

**Overall Length:**

1.8900 inches

**Flange Diameter:**

Between 1.0610 inches and 1.0620 inches

**Flange Thickness:**

Between 0.0880 inches and 0.0980 inches

**Undercut Diameter:**

Between 0.9700 inches and 0.9800 inches

**Undercut Width:**

Between 0.0450 inches and 0.0550 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.3750 inches single shaft

**Schematic Diagram Designator:**

Err-090

**Fragility Factor:**

Moderately rugged

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

10.0

**Stator Input Current Rating:**

141.0 milliamperes

**Stator Input Electrical Power Rating:**

1.408 watts

**Frequency In Hertz:**

60.0

**Stator Dc Resistance In Ohms:**

71.00

**Receiver Error Angular Range In Minutes:**

-1.0/+1.0

**Torque Gradient Per Angular Deg:**

6200.0 millimeter-milligrams

**Shaft Maximum Radial Play:**

0.0010 inches

**Shaft End Play:**

Between 0.0020 inches and 0.0050 inches

**Pilot Length:**

0.0570 mils and 0.0670 centimeters

**Shoulder Length:**

0.0570 mils and 0.0670 centimeters

**Mounting Surface To Terminal End Distance:**

1.4000 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Shaft Type:**

Round single shaft

**Terminal Type And Quantity:**

4 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800