

View Online at <https://aerobasegroup.com/nsn/5990-01-097-4329>

**Body Material:**

Aluminum alloy

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.3770 inches

**Flange Diameter:**

Between 0.7490 inches and 0.7500 inches

**Flange Thickness:**

Between 0.0570 inches and 0.0670 inches

**Undercut Diameter:**

Between 0.6880 inches and 0.6910 inches

**Undercut Width:**

Between 0.0570 inches and 0.0670 inches

**Shaft Diameter:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.3320 inches single shaft

**Schematic Diagram Designator:**

Err-090

**Fragility Factor:**

Moderately rugged

**Body Size:**

8

**Stator Input Voltage Rating In Volts:**

10.0

**Stator Input Current Rating:**

200.0 milliamperes

**Stator Input Electrical Power Rating:**

2.0 watts

**Frequency In Hertz:**

400.0

**Stator Dc Resistance In Ohms:**

50.00

**Torque Gradient Per Angular Deg:**

2250.0 millimeter-milligrams

**Shaft Maximum Radial Play:**

0.0020 inches

**Shaft End Play:**

Between 0.0020 inches and 0.0050 inches

**Pilot Length:**

0.0380 mils and 0.0480 centimeters

**Mounting Surface To Terminal End Distance:**

0.9820 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Shaft Slot Depth:**

0.0250 inches single shaft

**Shaft Slot Width:**

0.0200 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Terminal Type And Quantity:**

4 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800