

View Online at <https://aerobasegroup.com/nsn/5990-00-251-6719>

**Body Material:**

Aluminum

**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:**

Between 1.8610 inches and 1.8910 inches

**Flange Diameter:**

Between 1.0590 inches and 1.0620 inches

**Flange Thickness:**

Between 0.0900 inches and 0.0960 inches

**Undercut Diameter:**

0.9750 inches

**Undercut Width:**

0.0500 inches

**Shaft Diameter:**

0.1190 inches single shaft

**Shaft Length:**

0.2410 inches single shaft and 0.2710 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

11

**Rotor Input Voltage Rating In Volts:**

115.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

25.0 milliamperes

**Rotor Input Electrical Power Rating:**

600.0 milliwatts

**Zro Resistance In Ohms:**

920.00

**Zso Resistance In Ohms:**

14.00

**Zrs Resistance In Ohms:**

1100.00

**Rotor Dc Resistance In Ohms:**

406.00

**Stator Dc Resistance In Ohms:**

9.30

**Receiver Error Angular Range In Minutes:**

-45.0/+45.0

**Actuator Friction Torque At Minus 55 Deg Celsius:**

6000.0 centimeter-grams

**Torque Gradient Per Angular Deg:**

2000.0 millimeter-milligrams

**Alignment Hole Quantity:**

4

**Pilot Length:**

Between 0.0590 inches and 0.0650 inches

**Shoulder Length:**

Between 0.0590 inches and 0.0650 inches

**Mounting Surface To Terminal End Distance:**

1.6200 inches

**Shaft Hole Diameter:**

0.0200 inches single shaft

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

4800.00

**Plus J Zso Reactance In Ohms:**

43.00

**Shaft Tapered End Minor Diameter:**

0.1150 inches single shaft

**Plus J Zrs Reactance In Ohms:**

500.00

**Shaft Type:**

Round, tapered, hollowed single shaft

**Alignment Hole Depth:**

0.0900 inches

**Transformation Ratio:**

0.103 stator to rotor

**Shaft Taper Angle In Deg:**

3.0 single shaft

**Alignment Hole Bolt Circle Diameter:**

0.8090 inches

**Shaft Taper Length:**

0.0550 inches single shaft

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A07800