

View Online at <https://aerobasegroup.com/nsn/5990-00-503-0387>

**Body Material:**

Aluminum

**Body Style:**

Standard round d

**Shoulder Diameter:**

Between 1.9940 inches and 1.9950 inches

**Pilot Diameter:**

Between 0.5990 inches and 0.6000 inches

**Second Shoulder Diameter:**

1.9985 mils and 1.9995 centimeters

**Second Shoulder Length:**

0.1700 mils and 0.1720 centimeters

**Overall Length:**

Between 4.7430 inches and 4.8550 inches

**Flange Diameter:**

Between 2.2490 inches and 2.2500 inches

**Flange Thickness:**

Between 0.2480 inches and 0.2500 inches

**Body Diameter:**

1.9840 inches

**Shaft Diameter:**

0.2400 inches single shaft and 0.2405 inches single shaft

**Shaft Length:**

0.6100 inches single shaft and 0.6300 inches single shaft

**Body Size:**

23

**Stator Input Voltage Rating In Volts:**

Between 8.0 and 50.0

**Stator Input Current Rating:**

40.0 milliamperes

**Stator Input Electrical Power Rating:**

200.0 milliwatts

**Frequency In Hertz:**

60.0

**Zso Impedance Magnitude In Ohms:**

570.00

**Zso Impedance Angle In Deg:**

79.00

**Rotor Dc Resistance In Ohms:**

Between 260.30 and 287.70

**Stator Dc Resistance In Ohms:**

Between 72.96 and 80.43

**Phase Shift Angle In Deg:**

Between 7.164 input to output and 7.236 input to output

**Maximum Fundamental Null Voltage In Millivolts Per Volt:**

0.02 output

**Shaft End Play:**

0.0060 inches

**Pilot Length:**

0.0430 inches

**Shoulder Length:**

0.4190 mils and 0.4200 centimeters

**Aft Of First Flange Diameter:**

Between 1.9940 inches and 1.9950 inches

**Mounting Surface To Terminal End Distance:**

3.6170 inches

**Shaft Maximum Runout:**

0.0020 inches

**Shaft Thread Series Designator:**

Unf single shaft

**Shaft Thread Direction:**

Right-hand single shaft

**Shaft Thread Class:**

3a single shaft

**Terminal Location:**

Rear

**Shaft Thread Length:**

0.3100 inches single shaft and 0.3400 inches single shaft

**Shaft Type:**

Round, threaded single shaft

**Shaft Thread Size:**

0.240 inches single shaft

**Shaft End Play Determining Weight:**

16.0 ounces

**Test Data Document:**

10001-1233385 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:**

8 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800