

View Online at <https://aerobasegroup.com/nsn/5990-01-206-7881>

**Body Material:**

Any acceptable

**Body Style:**

Standard round a

**Pilot Diameter:**

0.6250 inches

**Overall Length:**

2.2380 inches

**Flange Diameter:**

1.0620 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

Between 0.9995 inches and 1.0000 inches

**Undercut Width:**

0.0500 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Stator Input Voltage Rating In Volts:**

10.2

**Stator Input Current Rating:**

165.0 milliamperes

**Stator Input Electrical Power Rating:**

0.25 watts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

418.00

**Zso Resistance In Ohms:**

74.30

**Zrs Resistance In Ohms:**

104.00

**Rotor Dc Resistance In Ohms:**

Between 40.00 and 62.10

**Stator Dc Resistance In Ohms:**

1.50

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

30.00 output

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

16.00 centimeter-grams

**Actuator Friction Torque At Plus 25 Deg Celsius:**

4.00 centimeter-grams

**Shaft Radial Play Test Point:**

0.125 inches

**Shaft Maximum Radial Play:**

0.0008 inches

**Shaft End Play:**

Between 0.0005 inches and 0.0015 inches

**Pilot Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.8000 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

78.30

**Shaft Slot Depth:**

0.0300 inches single shaft

**Plus J Zso Reactance In Ohms:**

79.70

**Shaft Slot Width:**

0.0250 inches single shaft

**Plus J Zrs Reactance In Ohms:**

26.80

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

2.291 rotor to stator

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Test Data Document:**

20418-es1607 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:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A07800