

View Online at <https://aerobasegroup.com/nsn/5990-00-702-2873>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round b

**Shoulder Diameter:**

Between 2.6840 inches and 2.6900 inches

**Pilot Diameter:**

Between 1.4995 inches and 1.5000 inches

**Overall Length:**

Between 6.6340 inches and 6.6400 inches

**Flange Diameter:**

Between 2.9590 inches and 2.9620 inches

**Flange Thickness:**

Between 0.1570 inches and 0.1630 inches

**Undercut Width:**

0.1250 inches

**Shaft Diameter:**

0.2403 inches single shaft and 0.2405 inches single shaft

**Shaft Length:**

0.7000 inches single shaft

**Maximum Temperature Rise:**

60.0 degrees celsius

**Body Size:**

30

**Rotor Input Voltage Rating In Volts:**

115.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

1.5 amperes

**Rotor Input Electrical Power Rating:**

10.0 watts

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

50.00 output

**Maximum Total Null Voltage Output In Millivolts Per Volt:**

125.00

**Electrical Error Angular Range In Minutes:**

-10.0/+10.0

**Spline Tooth Quantity:**

22 single shaft

**Torque Gradient Per Angular Deg:**

0.600 inch-ounces

**Pilot Length:**

Between 0.0590 inches and 0.0650 inches

**Shoulder Length:**

Between 0.2240 inches and 0.2300 inches

**Mounting Surface To Terminal End Distance:**

Between 5.6450 inches and 5.6510 inches

**Spline Tooth Diametral Pitch:**

96 single shaft

**Shaft Thread Series Designator:**

Unf single shaft

**Shaft Thread Direction:**

Right-hand single shaft

**Shaft Thread Class:**

2a single shaft

**Terminal Location:**

Rear

**Shaft Thread Length:**

0.3100 inches single shaft

**Shaft Type:**

Spline w/threads single shaft

**Transformation Ratio:**

0.783 rotor to stator

**Shaft Thread Size:**

0.239 inches single shaft

**Terminal Type And Quantity:**

6 screw

**Specification Or Standard:**

2008987-10001 grade

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800