

View Online at <https://aerobasegroup.com/nsn/5990-00-135-9452>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round b

**Shoulder Diameter:**

Between 1.3115 inches and 1.3120 inches

**Pilot Diameter:**

Between 0.8745 inches and 0.8750 inches

**Overall Length:**

3.0210 inches

**Flange Diameter:**

Between 1.4340 inches and 1.4370 inches

**Flange Thickness:**

Between 0.0900 inches and 0.0960 inches

**Undercut Width:**

Between 0.0730 inches and 0.0830 inches

**Shaft Diameter:**

0.1870 inches single shaft and 0.1872 inches single shaft

**Shaft Length:**

0.4230 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

15

**Stator Input Voltage Rating In Volts:**

90.0

**Stator Input Current Rating:**

25.0 milliamperes

**Stator Input Electrical Power Rating:**

700.0 milliwatts

**Frequency In Hertz:**

60.0

**Phase Shift Angle In Deg:**

20.000 input to output

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

60.00 input

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

90.00

**Electrical Error Angular Range In Minutes:**

-6.0/+6.0

**Spline Tooth Quantity:**

21 single shaft

**Shaft Radial Play Test Point:**

0.125 inches

**Shaft Maximum Radial Play:**

0.0006 inches

**Shaft End Play:**

0.0015 inches

**Pilot Length:**

0.0370 mils and 0.0430 centimeters

**Shoulder Length:**

0.1290 mils and 0.1350 centimeters

**Mounting Surface To Terminal End Distance:**

2.3910 inches

**Spline Tooth Diametral Pitch:**

120 single shaft

**Shaft Maximum Runout:**

0.0008 inches

**Shaft Thread Series Designator:**

Unef single shaft

**Shaft Thread Direction:**

Right-hand single shaft

**Shaft Thread Class:**

2a single shaft

**Terminal Location:**

Rear

**Shaft Thread Length:**

0.3550 inches single shaft

**Shaft Type:**

Spline w/threads single shaft

**Transformation Ratio:**

Between 0.720 rotor to stator and 0.749 rotor to stator

**Shaft Thread Size:**

0.190 inches single shaft

**Shaft Radial Play Determining Weight:**

8.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Terminal Type And Quantity:**

5 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800