

View Online at <https://aerobasegroup.com/nsn/5990-00-677-6486>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round, rotatable stator b

**Shoulder Diameter:**

Between 1.5615 inches and 1.5620 inches

**Pilot Diameter:**

0.9375 inches

**Overall Length:**

3.7330 inches

**Flange Diameter:**

Between 1.7490 inches and 1.7500 inches

**Flange Thickness:**

Between 0.0900 inches and 0.0960 inches

**Undercut Width:**

0.0780 inches

**Body Diameter:**

1.9000 inches

**Shaft Diameter:**

0.1870 inches single shaft and 0.1872 inches single shaft

**Shaft Length:**

0.5450 inches single shaft and 0.5650 inches single shaft

**Body Size:**

20

**Stator Input Voltage Rating In Volts:**

90.0

**Stator Input Current Rating:**

7.0 milliamperes

**Stator Input Electrical Power Rating:**

250.0 milliwatts

**Frequency In Hertz:**

400.0

**Phase Shift Angle In Deg:**

3.000 input to output

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

35.00 output

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

65.00

**Electrical Error Angular Range In Minutes:**

-8.0/+8.0

**Spline Tooth Quantity:**

21 single shaft

**Shaft Radial Play Test Point:**

0.125 inches

**Shaft Maximum Radial Play:**

0.0006 inches

**Shaft End Play:**

0.0030 inches

**Pilot Length:**

Between 0.0370 inches and 0.0430 inches

**Shoulder Length:**

Between 0.1290 inches and 0.1350 inches

**Mounting Surface To Terminal End Distance:**

3.3300 inches

**Spline Tooth Diametral Pitch:**

120 single shaft

**Shaft Maximum Runout:**

0.0008 inches

**Shaft Thread Series Designator:**

Unf single shaft

**Shaft Thread Direction:**

Right-hand single shaft

**Shaft Thread Class:**

2a

**Terminal Location:**

Rear

**Shaft Type:**

Spline w/threads single shaft

**Transformation Ratio:**

Between 0.721 rotor to stator and 0.749 rotor to stator

**Shaft Thread Size:**

0.1900 inches single shaft

**Shaft Radial Play Determining Weight:**

16.0 ounces

**Shaft End Play Determining Weight:**

16.0 ounces

**Terminal Type And Quantity:**

5 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800