

View Online at <https://aerobasegroup.com/nsn/5990-01-081-3845>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round b

**Shoulder Diameter:**

1.3120 inches

**Pilot Diameter:**

0.8750 inches

**Overall Length:**

2.2240 inches

**Flange Diameter:**

1.4370 inches

**Flange Thickness:**

0.0930 inches

**Undercut Width:**

0.0780 inches

**Shaft Diameter:**

0.1900 inches single shaft

**Shaft Length:**

0.5840 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

15

**Stator Input Voltage Rating In Volts:**

90.0

**Stator Input Current Rating:**

10.0 milliamperes

**Stator Input Electrical Power Rating:**

140.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

880.00

**Zso Resistance In Ohms:**

7800.00

**Zrs Resistance In Ohms:**

1050.00

**Rotor Dc Resistance In Ohms:**

600.00

**Stator Dc Resistance In Ohms:**

1050.00

**Phase Shift Angle In Deg:**

5.500 input to output

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

60.00 input

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

32.00

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

**Spline Tooth Quantity:**

21 single shaft

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

16.0 centimeter-grams

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

6.0 centimeter-grams

**Pilot Length:**

0.0400 inches

**Shoulder Length:**

0.1320 inches

**Mounting Surface To Terminal End Distance:**

1.6400 inches

**Spline Tooth Diametral Pitch:**

120 single shaft

**Shaft Thread Series Designator:**

Unf single shaft

**Shaft Thread Direction:**

Right-hand single shaft

**Shaft Thread Class:**

2a

**Terminal Location:**

Rear

**Shaft Thread Length:**

0.2920 inches single shaft

**Plus J Zro Reactance In Ohms:**

5300.00

**Plus J Zso Reactance In Ohms:**

9512.00

**Plus J Zrs Reactance In Ohms:**

1300.00

**Shaft Type:**

Spline w/threads single shaft

**Transformation Ratio:**

0.735 rotor to stator

**Shaft Thread Size:**

0.190 inches single shaft

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800