

View Online at <https://aerobasegroup.com/nsn/5990-00-073-0574>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round d

**Shoulder Diameter:**

1.8800 inches

**Pilot Diameter:**

0.6000 inches

**Second Shoulder Diameter:**

1.8850 inches

**Second Shoulder Length:**

0.1500 inches

**Overall Length:**

3.8360 inches

**Flange Diameter:**

2.1500 inches

**Flange Thickness:**

0.1500 inches

**Body Diameter:**

1.8500 inches

**Shaft Diameter:**

0.2450 inches single shaft

**Shaft Length:**

0.6760 inches single shaft

**Body Size:**

22

**Stator Input Voltage Rating In Volts:**

90.0

**Stator Input Current Rating:**

230.0 milliamperes

**Stator Input Electrical Power Rating:**

600.0 milliwatts

**Frequency In Hertz:**

60.0

**Zro Resistance In Ohms:**

856.00

**Zso Resistance In Ohms:**

1460.00

**Zrs Resistance In Ohms:**

648.00

**Rotor Dc Resistance In Ohms:**

325.00

**Stator Dc Resistance In Ohms:**

248.00

**Phase Shift Angle In Deg:**

2.600 input to output

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

30.00 input

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

60.00

**Electrical Error Angular Range In Minutes:**

-7.0 to 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:**

0.0430 inches

**Shoulder Length:**

0.0700 inches

**Aft Of First Flange Diameter:**

1.8900 inches

**Mounting Surface To Terminal End Distance:**

3.1600 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 single shaft

**Terminal Location:**

Rear

**Shaft Thread Length:**

0.3860 inches single shaft

**Plus J Zro Reactance In Ohms:**

6770.00

**Plus J Zso Reactance In Ohms:**

11050.00

**Plus J Zrs Reactance In Ohms:**

697.00

**Shaft Type:**

Spline w/threads single shaft

**Transformation Ratio:**

0.735 rotor to stator

**Shaft Thread Size:**

0.245 inches single shaft

**Terminal Type And Quantity:**

5 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800