

View Online at <https://aerobasegroup.com/nsn/5990-00-767-0893>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round, rear mounting flange

**Shoulder Diameter:**

1.2500 inches

**Pilot Diameter:**

1.0625 inches

**Second Shoulder Diameter:**

1.8870 inches

**Second Shoulder Length:**

0.0550 inches

**Overall Length:**

4.6080 inches

**Flange Diameter:**

2.2500 inches

**Flange Thickness:**

0.2500 inches

**Body Diameter:**

1.9500 inches

**Shaft Diameter:**

0.2035 inches single shaft

**Shaft Length:**

0.5000 inches single shaft

**Schematic Diagram Designator:**

1 y-rotor, 1 stator

**Fragility Factor:**

Moderately rugged

**Body Size:**

23

**Stator Input Voltage Rating In Volts:**

90.0

**Stator Input Current Rating:**

35.0 milliamperes

**Stator Input Electrical Power Rating:**

700.0 milliwatts

**Frequency In Hertz:**

60.0

**Zso Resistance In Ohms:**

833.00

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

60.00

**Electrical Error Angular Range In Minutes:**

-18.0/+18.0

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

25.0 centimeter-grams

**Alignment Hole Quantity:**

3

**Shaft Radial Play Test Point:**

0.380 inches

**Shaft Maximum Radial Play:**

0.0010 inches

**Shaft End Play:**

0.0050 inches

**Pilot Length:**

0.1250 inches

**Shoulder Length:**

0.0260 inches

**Second Shoulder Face To Rear Flange Distance:**

1.7300 inches

**Shaft Maximum Runout:**

0.0010 inches

**Shaft Thread Series Designator:**

Unf single shaft

**Shaft Thread Direction:**

Right-hand single shaft

**Shaft Thread Class:**

3a single shaft

**Terminal Location:**

Rear

**Shaft Thread Length:**

0.2500 inches single shaft

**Plus J Zso Reactance In Ohms:**

2726.00

**Shaft Type:**

Round, stepped, threaded single shaft

**Alignment Hole Depth:**

0.1560 inches

**Shaft Step Diameter:**

0.1900 inches single shaft

**Alignment Hole Bolt Circle Diameter:**

0.8440 inches

**Shaft Step Length:**

0.3400 inches single shaft

**Shaft Thread Size:**

0.190 inches single shaft

**Shaft Radial Play Determining Weight:**

8.0 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