

View Online at <https://aerobasegroup.com/nsn/5990-00-504-8795>

**Body Material:**

Aluminum

**Body Style:**

Standard round b

**Shoulder Diameter:**

Between 1.3115 inches and 1.3120 inches

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

2.1310 inches

**Flange Diameter:**

Between 1.4360 inches and 1.4370 inches

**Flange Thickness:**

0.0930 inches

**Undercut Width:**

Between 0.0680 inches and 0.0880 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.5000 inches single shaft

**Schematic Diagram Designator:**

1 t-rotor, 2 stator

**Fragility Factor:**

Moderately rugged

**Body Size:**

15

**Rotor Input Voltage Rating In Volts:**

1.0

**Frequency In Hertz:**

30.0

**Rotor Input Current Rating:**

2.5 milliamperes

**Rotor Input Electrical Power Rating:**

2.2 allqjaa3.500 finished-chamfered

**Zro Resistance In Ohms:**

396.00

**Zso Resistance In Ohms:**

174.00

**Zrs Resistance In Ohms:**

435.00

**Rotor Dc Resistance In Ohms:**

400.00

**Stator Dc Resistance In Ohms:**

175.00

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

5.00 input

**Electrical Error Angular Range In Minutes:**

-20.0/+20.0

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

15.0 centimeter-grams

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

5.0 centimeter-grams

**Alignment Hole Quantity:**

4

**Shaft Maximum Radial Play:**

0.0010 inches

**Shaft End Play:**

Between 0.0003 inches and 0.0015 inches

**Pilot Length:**

0.0400 inches

**Shoulder Length:**

0.1320 inches

**Mounting Surface To Terminal End Distance:**

1.4590 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

146.00

**Shaft Slot Depth:**

0.0210 inches single shaft and 0.0310 inches single shaft

**Plus J Zso Reactance In Ohms:**

84.30

**Shaft Slot Width:**

0.0210 inches single shaft and 0.0310 inches single shaft

**Plus J Zrs Reactance In Ohms:**

125.00

**Shaft Type:**

Round, slotted single shaft

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

4.0 ounces

**Terminal Type And Quantity:**

7 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800