

View Online at <https://aerobasegroup.com/nsn/5990-00-723-2482>

**Body Material:**

Any acceptable

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.9995 inches and 1.0000 inches

**Pilot Diameter:**

Between 0.6245 inches and 0.6250 inches

**Overall Length:**

Between 2.2880 inches and 2.3260 inches

**Flange Diameter:**

Between 1.0570 inches and 1.0650 inches

**Flange Thickness:**

Between 0.0900 inches and 0.0960 inches

**Undercut Diameter:**

0.9750 inches

**Undercut Width:**

0.0500 inches

**Shaft Diameter:**

0.1245 inches single shaft and 0.1247 inches single shaft

**Shaft Length:**

0.3260 inches single shaft and 0.3500 inches single shaft

**Securing Hole Quantity:**

4

**Body Size:**

11

**Rotor Input Voltage Rating In Volts:**

29.0

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

Between 412.25 and 557.75

**Zso Resistance In Ohms:**

Between 363.80 and 472.20

**Rotor Dc Resistance In Ohms:**

Between 263.50 and 356.50

**Stator Dc Resistance In Ohms:**

Between 289.00 and 391.00

**Compensation Method:**

Winding compensated

**Compensator Dc Resistance In Ohms:**

Between 318.75 and 431.25

**Phase Shift Angle In Deg:**

Between 5.500 input to output and 11.500 input to output

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

0.70

**Output Voltage Functional Error Range In Percent:**

-0.1/+0.0

**Electrical Error Angular Range In Minutes:**

-5.0/+5.0

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

16.0 centimeter-grams

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

4.0 centimeter-grams

**Pilot Length:**

0.0590 mils and 0.0650 centimeters

**Shoulder Length:**

0.0590 mils and 0.0650 centimeters

**Mounting Surface To Terminal End Distance:**

1.9700 inches

**Mounting Facility Screw Thread Series Designator:**

Unc

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

1717.00

**Plus J Zso Reactance In Ohms:**

Between 1725.50 and 2304.50

**Shaft Type:**

Round single shaft

**Alignment Hole Depth:**

2323.0000 inches

**Mounting Facility Screw Thread Diameter:**

0.112 inches

**Transformation Ratio:**

Between 0.963 rotor to stator and 0.987 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

0.8150 inches

**Terminal Type And Quantity:**

12 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800