

View Online at <https://aerobasegroup.com/nsn/5990-00-727-0717>

**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 2.3360 inches and 2.3600 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:**

0.3660 inches single shaft and 0.3900 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/+0.1

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:

0.1250 inches

Mounting Facility Screw Thread Diameter:

0.112 inches

Alignment Hole Bolt Circle Diameter:

Between 0.8090 inches and 0.8150 inches

Terminal Type And Quantity:

12 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800