

View Online at <https://aerobasegroup.com/nsn/5990-00-819-5615>

**Body Material:**

Aluminum

**Body Style:**

Standard round c

**Shoulder Diameter:**

0.8123 inches

**Pilot Diameter:**

0.5000 inches

**Overall Length:**

1.6310 inches

**Flange Diameter:**

0.9370 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.8400 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0900 inches single shaft

**Shaft Length:**

0.3370 inches single shaft

**Schematic Diagram Designator:**

Err-090

**Fragility Factor:**

Moderately rugged

**End Application:**

316-1

**Maximum Temperature Rise:**

20.0 degrees celsius

**Body Size:**

10

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

72.0 milliamperes

**Stator Input Electrical Power Rating:**

210.0 milliwatts

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

38.0 milliamperes

**Rotor Input Electrical Power Rating:**

224.0 allqjaa3.500 finished-chamfered

**Zro Resistance In Ohms:**

155.00

**Zso Resistance In Ohms:**

41.00

**Zrs Resistance In Ohms:**

215.00

**Rotor Dc Resistance In Ohms:**

110.00

**Stator Dc Resistance In Ohms:**

28.00

**Phase Shift Angle In Deg:**

10.000 input to output

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

1.00

**Interaxis Error Angular Range In Minutes:**

-1.0/+1.0

**Electrical Error Angular Range In Minutes:**

-15.0/+15.0

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

16.0 centimeter-grams

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

4.0 centimeter-grams

**Alignment Hole Quantity:**

3

**Shaft Radial Play Test Point:**

0.125 inches

**Shaft Maximum Radial Play:**

0.0005 inches

**Shaft End Play:**

Between 0.0003 inches and 0.0008 inches

**Pilot Length:**

0.0380 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.2410 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

665.00

**Shaft Slot Depth:**

0.0310 inches single shaft

**Plus J Zso Reactance In Ohms:**

159.00

**Shaft Slot Width:**

0.0310 inches single shaft

**Plus J Zrs Reactance In Ohms:**

70.00

**Shaft Type:**

Round, slotted single shaft

**Alignment Hole Depth:**

0.0500 inches

**Alignment Hole Bolt Circle Diameter:**

0.6780 inches

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Terminal Type And Quantity:**

6 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A07800