

View Online at <https://aerobasegroup.com/nsn/5990-01-184-6830>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round d

**Shoulder Diameter:**

Between 0.8116 inches and 0.8123 inches

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Second Shoulder Diameter:**

Between 0.8350 inches and 0.8450 inches

**Second Shoulder Length:**

0.0630 mils and 0.0700 centimeters

**Overall Length:**

1.7490 inches

**Flange Diameter:**

Between 0.9360 inches and 0.9370 inches

**Flange Thickness:**

Between 0.0570 inches and 0.0670 inches

**Body Diameter:**

0.9290 mils and 0.9390 centimeters

**Shaft Diameter:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.5000 inches single shaft

**Body Size:**

10

**Rotor Input Voltage Rating In Volts:**

115.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

40.0 milliamperes

**Rotor Input Electrical Power Rating:**

1090.0 allqjaa3.500 finished-chamfered

**Zro Resistance In Ohms:**

680.00

**Zso Resistance In Ohms:**

24.00

**Rotor Dc Resistance In Ohms:**

520.00

**Stator Dc Resistance In Ohms:**

20.00

**Phase Shift Angle In Deg:**

11.000 input to output

**Maximum Linear Range In Deg:**

-33.0/+33.0

**Linearity In Percent:**

0.50

**Output Voltage Change Per Deg In Volts:**

0.4

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

16.0 centimeter-grams

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

4.0 centimeter-grams

**Shaft Maximum Radial Play:**

0.0005 inches

**Shaft End Play:**

Between 0.0003 inches and 0.0008 inches

**Pilot Length:**

0.0330 mils and 0.0430 centimeters

**Shoulder Length:**

0.0570 mils and 0.0670 centimeters

**Aft Of First Flange Diameter:**

Between 0.9320 inches and 0.9420 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:**

280.00

**Shaft Slot Depth:**

0.0250 inches single shaft and 0.0350 inches single shaft

**Plus J Zso Reactance In Ohms:**

28.00

**Shaft Slot Width:**

0.0150 inches single shaft and 0.0250 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Terminal Type And Quantity:**

4 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A07800