

View Online at <https://aerobasegroup.com/nsn/5990-00-165-9195>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.9930 inches

**Flange Diameter:**

Between 0.7470 inches and 0.7500 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

Between 0.6890 inches and 0.6920 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.6100 inches single shaft and 0.6400 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

8

**Rotor Input Voltage Rating In Volts:**

115.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

29.0 milliamperes

**Rotor Input Electrical Power Rating:**

850.0 milliwatts

**Zro Resistance In Ohms:**

Between 807.00 and 1093.00

**Zso Resistance In Ohms:**

Between 9.50 and 11.50

**Zrs Resistance In Ohms:**

Between 1317.50 and 1782.50

**Rotor Dc Resistance In Ohms:**

Between 630.00 and 770.00

**Stator Dc Resistance In Ohms:**

Between 8.36 and 11.44

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

75.00

**Electrical Error Angular Range In Minutes:**

-7.0 to 7.0

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

16.00 centimeter-grams

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

4.00 centimeter-grams

**Torque Gradient Per Angular Deg:**

2400.0 millimeter-milligrams

**Pilot Length:**

Between 0.0370 inches and 0.0480 inches

**Mounting Surface To Terminal End Distance:**

1.3680 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

3657.00 and 4043.00

**Shaft Slot Depth:**

0.0030 inches single shaft

**Plus J Zso Reactance In Ohms:**

30.60 and 41.40

**Shaft Slot Width:**

0.0200 inches single shaft

**Plus J Zrs Reactance In Ohms:**

Between 356.00 and 484.00

**Shaft Type:**

Round, slotted single shaft

**Terminal Type And Quantity:**

5 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800