

View Online at <https://aerobasegroup.com/nsn/5990-00-655-2695>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round d

**Shoulder Diameter:**

Between 1.9850 inches and 1.9900 inches

**Pilot Diameter:**

0.5950 inches

**Second Shoulder Diameter:**

1.9990 inches

**Second Shoulder Length:**

0.1700 inches

**Overall Length:**

4.5490 inches

**Flange Diameter:**

Between 2.2490 inches and 2.2500 inches

**Flange Thickness:**

0.2500 inches

**Body Diameter:**

1.9900 inches

**Shaft Diameter:**

0.2405 inches single shaft

**Shaft Length:**

0.7190 inches single shaft

**Maximum Temperature Rise:**

45.0 degrees celsius

**Body Size:**

23

**Stator Input Voltage Rating In Volts:**

90.0

**Stator Input Current Rating:**

270.0 milliamperes

**Stator Input Electrical Power Rating:**

3.3 watts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

27.80

**Zso Resistance In Ohms:**

28.80

**Zrs Resistance In Ohms:**

26.80

**Rotor Dc Resistance In Ohms:**

11.30

**Stator Dc Resistance In Ohms:**

14.50

**Maximum Fundamental Null Voltage In Millivolts Per Volt:**

50.00 output

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

100.00

**Electrical Error Angular Range In Minutes:**

-8.0/+8.0

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

0.20 inch-ounces

**Pilot Length:**

0.0430 inches

**Shoulder Length:**

0.2500 inches

**Aft Of First Flange Diameter:**

Between 1.9990 inches and 1.9995 inches

**Mounting Surface To Terminal End Distance:**

3.8300 inches

**Shaft Thread Series Designator:**

Unf single shaft

**Shaft Thread Direction:**

Right-hand single shaft

**Shaft Thread Class:**

2a

**Terminal Location:**

Rear

**Shaft Thread Length:**

0.2900 inches single shaft

**Plus J Zro Reactance In Ohms:**

222.00

**Plus J Zso Reactance In Ohms:**

195.00

**Plus J Zrs Reactance In Ohms:**

21.00

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

1.154 rotor to stator

**Shaft Thread Size:**

0.240 inches single shaft

**Terminal Type And Quantity:**

7 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800