

View Online at <https://aerobasegroup.com/nsn/5990-00-644-0076>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round d

**Shoulder Diameter:**

Between 1.9850 inches and 1.9900 inches

**Pilot Diameter:**

Between 0.5990 inches and 0.6000 inches

**Second Shoulder Diameter:**

Between 1.9850 inches and 1.9995 inches

**Second Shoulder Length:**

0.1700 inches

**Overall Length:**

Between 4.7360 inches and 4.7870 inches

**Flange Diameter:**

Between 2.2490 inches and 2.2500 inches

**Flange Thickness:**

Between 0.2480 inches and 0.2500 inches

**Body Diameter:**

Between 0.9850 inches and 1.9900 inches

**Shaft Diameter:**

0.2402 inches single shaft and 0.2405 inches single shaft

**Shaft Length:**

0.6930 inches single shaft and 0.7190 inches single shaft

**Body Size:**

23

**Stator Input Voltage Rating In Volts:**

30.0

**Frequency In Hertz:**

1000.0

**Rotor Dc Resistance In Ohms:**

1.80

**Stator Dc Resistance In Ohms:**

2.60

**Compensation Method:**

Winding compensated

**Compensator Dc Resistance In Ohms:**

5.80

**Phase Shift Angle In Deg:**

1.900 input to output

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

20.00 output

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

30.00

**Pilot Length:**

0.0460 inches

**Shoulder Length:**

Between 0.2420 inches and 0.2520 inches

**Aft Of First Flange Diameter:**

Between 1.9985 inches and 1.9995 inches

**Mounting Surface To Terminal End Distance:**

Between 3.9230 inches and 3.9380 inches

**Shaft Thread Series Designator:**

Unf single shaft

**Shaft Thread Direction:**

Right-hand single shaft

**Shaft Thread Class:**

2a single shaft

**Terminal Location:**

Rear

**Shaft Thread Length:**

0.3100 inches single shaft

**Shaft Type:**

Round, threaded single shaft

**Transformation Ratio:**

0.090 rotor to stator

**Shaft Thread Size:**

0.250 inches single shaft

**Terminal Type And Quantity:**

8 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800