

View Online at <https://aerobasegroup.com/nsn/5990-01-114-4270>

Body Material:

Aluminum

Body Style:

Standard round a

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

2.6540 inches

Flange Diameter:

Between 1.0610 inches and 1.0620 inches

Flange Thickness:

Between 0.0880 inches and 0.0980 inches

Undercut Diameter:

Between 0.9995 inches and 1.0000 inches

Undercut Width:

Between 0.0450 inches and 0.0550 inches

Shaft Diameter:

0.1195 inches rear shaft and 0.1200 inches rear shaft

Shaft Length:

0.5000 inches rear shaft

Body Size:

11

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

240.0 milliamperes

Rotor Input Electrical Power Rating:

920.0 milliwatts

Zro Resistance In Ohms:

16.00

Zso Resistance In Ohms:

3.70

Rotor Dc Resistance In Ohms:

8.50

Stator Dc Resistance In Ohms:

3.00

Phase Shift Angle In Deg:

5.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

30.00 input

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Torque Gradient Per Angular Deg:

5700.0 millimeter-milligrams

Alignment Hole Quantity:

4

Mounting Surface To Terminal End Distance:

1.6000 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0220 inches rear shaft and 0.0320 inches rear shaft

Shaft Slot Width:

0.0220 inches rear shaft and 0.0320 inches rear shaft

Shaft Type:

Round, slotted rear shaft

Alignment Hole Depth:

0.0700 inches

Transformation Ratio:

0.450 stator to rotor

Alignment Hole Bolt Circle Diameter:

1.6240 inches

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800