

View Online at <https://aerobasegroup.com/nsn/5990-00-919-2110>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

0.7000 inches

Pilot Diameter:

0.5000 inches

Overall Length:

1.7200 inches

Flange Diameter:

0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.7480 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.2600 inches single shaft

Shaft Length:

0.5555 inches single shaft

Body Size:

8

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

395.0 milliamperes

Rotor Input Electrical Power Rating:

4750.0 milliwatts

Zro Resistance In Ohms:

35.00

Zso Resistance In Ohms:

21.30

Zrs Resistance In Ohms:

56.00

Rotor Dc Resistance In Ohms:

22.10

Stator Dc Resistance In Ohms:

30.00

Phase Shift Angle In Deg:

6.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

50.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

125.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Spline Tooth Quantity:

22 single shaft

Actuator Friction Torque At Minus 55 Deg Celsius:

6.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Pilot Length:

0.0400 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Spline Tooth Diametral Pitch:

96 single shaft

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:

0.3650 inches single shaft

Plus J Zro Reactance In Ohms:

293.00

Plus J Zso Reactance In Ohms:

139.00

Plus J Zrs Reactance In Ohms:

20.00

Shaft Type:

Spline w/threads single shaft

Transformation Ratio:

0.783 rotor to stator

Shaft Thread Size:

0.250 inches single shaft

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800