

View Online at <https://aerobasegroup.com/nsn/5990-00-882-8950>

Body Material:

Aluminum

Body Style:

Standard round d

Shoulder Diameter:

Between 1.9850 inches and 1.9900 inches

Pilot Diameter:

Between 0.5900 inches and 0.6000 inches

Second Shoulder Diameter:

Between 1.9985 inches and 1.9995 inches

Second Shoulder Length:

Between 0.2480 inches and 0.2500 inches

Overall Length:

4.2990 inches

Flange Diameter:

Between 2.2490 inches and 2.2500 inches

Flange Thickness:

0.2030 inches

Body Diameter:

Between 1.9850 inches and 1.9900 inches

Shaft Diameter:

0.2500 inches single shaft

Shaft Length:

0.6930 inches single shaft and 0.7190 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

23

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

264.0 milliamperes

Rotor Input Electrical Power Rating:

3.0 watts

Zro Impedance Magnitude In Ohms:

Between 470.00 and 580.00

Zro Impedance Angle In Deg:

Between 84.00 and 87.50

Zss Impedance Magnitude In Ohms:

Between 21.60 and 26.00

Zss Impedance Angle In Deg:

Between 42.00 and 47.00

Phase Shift Angle In Deg:

1.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

32.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

48.00

Electrical Error Angular Range In Minutes:

-3.0/+3.0

Spline Tooth Quantity:

22 single shaft

Actuator Friction Torque At Minus 55 Deg Celsius:

0.2 centimeter-grams

Pilot Length:

Between 0.4050 inches and 0.4220 inches

Shoulder Length:

Between 0.1570 inches and 0.1720 inches

Aft Of First Flange Diameter:

Between 1.9985 inches and 1.9995 inches

Mounting Surface To Terminal End Distance:

3.5800 inches

Spline Tooth Diametral Pitch:

96 single shaft

Terminal Location:

Rear

Shaft Type:

Spline single shaft

Transformation Ratio:

0.783 rotor to stator

Terminal Type And Quantity:

5 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800