

View Online at <https://aerobasegroup.com/nsn/5990-00-421-0954>

Body Material:

Steel, stainless

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

Between 2.4170 inches and 2.4210 inches

Flange Diameter:

Between 1.0570 inches and 1.0650 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1870 inches single shaft and 0.1872 inches single shaft

Shaft Length:

0.5550 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

11

Rotor Input Voltage Rating In Volts:

100.0

Frequency In Hertz:

10000.0

Rotor Input Current Rating:

26.0 milliamperes

Rotor Input Electrical Power Rating:

1.4 watts

Zro Impedance Magnitude In Ohms:

3870.00

Zro Impedance Angle In Deg:

65.80

Rotor Dc Resistance In Ohms:

21.00

Stator Dc Resistance In Ohms:

4.20

Phase Shift Angle In Deg:

0.400 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

58.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

78.00

Electrical Error Angular Range In Minutes:

-3.0/+3.0

Spline Tooth Quantity:

21 single shaft

Alignment Hole Quantity:

4

Pilot Length:

0.0620 inches

Shoulder Length:

0.0930 inches

Mounting Surface To Terminal End Distance:

Between 1.8620 inches and 1.8640 inches

Spline Tooth Diametral Pitch:

120 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:

0.1900 inches single shaft

Shaft Type:

Spline w/threads single shaft

Alignment Hole Depth:

0.1250 inches

Transformation Ratio:

0.462 rotor to stator

Alignment Hole Bolt Circle Diameter:

0.8120 inches

Shaft Thread Size:

0.190 inches single shaft

Terminal Type And Quantity:

8 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800