

View Online at <https://aerobasegroup.com/nsn/5990-00-825-0273>

Body Material:

Steel, corrosion resisting

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:

2.3270 inches

Flange Diameter:

Between 1.0570 inches and 1.0650 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1867 inches single shaft and 0.1872 inches single shaft

Shaft Length:

0.5550 inches single shaft

Maximum Temperature Rise:

3.0 degrees celsius

Body Size:

11

Stator Input Voltage Rating In Volts:

4.5

Stator Input Current Rating:

5.5 milliamperes

Rotor Input Voltage Rating In Volts:

9.0

Frequency In Hertz:

4046.0

Rotor Input Current Rating:

3.5 milliamperes

Zro Resistance In Ohms:

1430.00

Zso Resistance In Ohms:

405.00

Zrs Resistance In Ohms:

169.00

Zss Resistance In Ohms:

49.00

Rotor Dc Resistance In Ohms:

75.00

Stator Dc Resistance In Ohms:

14.50

Phase Shift Angle In Deg:

0.600 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

20.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

40.00

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Spline Tooth Quantity:

21 single shaft

Alignment Hole Quantity:

4

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.7720 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:

0.2230 inches single shaft

Plus J Zro Reactance In Ohms:

3170.00

Plus J Zso Reactance In Ohms:

917.00

Plus J Zrs Reactance In Ohms:

498.00

Shaft Type:

Spline w/threads single shaft

Alignment Hole Depth:

0.1250 inches

Plus J Zss Reactance In Ohms:

139.00

Transformation Ratio:

0.500 rotor to stator

Alignment Hole Bolt Circle Diameter:

0.8120 inches

Shaft Thread Size:

0.190 inches single shaft

Terminal Type And Quantity:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800