

View Online at <https://aerobasegroup.com/nsn/5990-01-213-6319>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round b

Shoulder Diameter:

Between 1.3070 inches and 1.3120 inches

Pilot Diameter:

Between 0.8745 inches and 0.8750 inches

Overall Length:

3.0830 inches

Flange Diameter:

Between 1.4320 inches and 1.4370 inches

Flange Thickness:

Between 0.0880 inches and 0.0980 inches

Undercut Width:

Between 0.0730 inches and 0.0830 inches

Shaft Diameter:

0.1870 inches and 0.1872 inches single shaft

Shaft Length:

0.5450 inches and 0.5650 inches single shaft

Maximum Temperature Rise:

10.0 degrees celsius

Body Size:

15

Stator Input Voltage Rating In Volts:

90.0

Stator Input Current Rating:

13.0 milliamperes

Stator Input Electrical Power Rating:

210.0 milliwatts

Frequency In Hertz:

60.0

Zso Impedance Magnitude In Ohms:

6250.00

Zso Impedance Angle In Deg:

Between 76.00 and 84.00

Zrs Impedance Magnitude In Ohms:

1475.00

Zrs Impedance Angle In Deg:

Between 12.00 and 20.00

Phase Shift Angle In Deg:

9.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

50.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

100.00

Electrical Error Angular Range In Minutes:

-10.0 to 10.0

Spline Tooth Quantity:

21 single shaft

Actuator Friction Torque At Plus 25 Deg Celsius:

0.05 inch-ounces

Alignment Hole Quantity:

4

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0006 inches

Shaft End Play:

Between 0.0005 inches and 0.0015 inches

Pilot Length:

Between 0.0350 inches and 0.0450 inches

Shoulder Length:

Between 0.1070 inches and 0.1270 inches

Mounting Surface To Terminal End Distance:

2.5180 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:

0.2000 inches single shaft

Shaft Type:

Spline w/threads single shaft

Alignment Hole Depth:

0.1250 inches

Transformation Ratio:

0.735 rotor to stator

Alignment Hole Bolt Circle Diameter:

Between 1.0970 inches and 1.1030 inches

Shaft Thread Size:

0.190 inches single shaft

Shaft Radial Play Determining Weight:

8.0 ounces

Shaft End Play Determining Weight:

16.0 ounces

Terminal Type And Quantity:

5 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800