

View Online at <https://aerobasegroup.com/nsn/5990-00-942-6539>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round b

Shoulder Diameter:

1.3120 inches

Pilot Diameter:

0.8750 inches

Overall Length:

2.3120 inches

Flange Diameter:

1.4370 inches

Flange Thickness:

0.0930 inches

Undercut Width:

0.0780 inches

Shaft Diameter:

0.1872 inches single shaft

Shaft Length:

0.5550 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

15

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

Between 60.0 milliamperes and 85.0 milliamperes

Rotor Input Electrical Power Rating:

Between 780.0 milliwatts and 1200.0 milliwatts

Zro Resistance In Ohms:

170.00

Zso Resistance In Ohms:

106.00

Phase Shift Angle In Deg:

4.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

40.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

90.00

Electrical Error Angular Range In Minutes:

-6.0/+6.0

Spline Tooth Quantity:

21 single shaft

Actuator Friction Torque At Plus 25 Deg Celsius:

0.05 inch-ounces

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0004 inches

Shaft End Play:

0.0013 inches

Pilot Length:

0.0400 inches

Shoulder Length:

0.1320 inches

Mounting Surface To Terminal End Distance:

1.7720 inches

Spline Tooth Diametral Pitch:

120 single shaft

Shaft Maximum Runout:

0.0008 inches

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

Plus J Zro Reactance In Ohms:

1480.00

Plus J Zso Reactance In Ohms:

744.00

Shaft Type:

Spline w/threads single shaft

Transformation Ratio:

0.783 rotor to stator

Shaft Thread Size:

0.190 inches single shaft

Shaft Radial Play Determining Weight:

5.0 ounces

Shaft End Play Determining Weight:

5.0 ounces

Terminal Type And Quantity:

5 tab w/screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800