

View Online at <https://aerobasegroup.com/nsn/5990-01-160-5967>

Body Material:

Steel, corrosion resisting

Body Style:

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

2.8250 inches

Flange Diameter:

Between 1.0500 inches and 1.0510 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 inches

Undercut Diameter:

Between 0.9290 inches and 0.9410 inches

Undercut Width:

Between 0.0970 inches and 0.1030 inches

Shaft Diameter:

0.1870 inches single shaft and 0.1872 inches single shaft

Shaft Length:

0.5450 inches single shaft and 0.5650 inches single shaft

Maximum Temperature Rise:

20.0 degrees celsius

Body Size:

11

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

300.0 milliamperes

Rotor Input Electrical Power Rating:

1.1 watts

Zro Resistance In Ohms:

16.00

Zso Resistance In Ohms:

3.70

Zrs Resistance In Ohms:

22.00

Zss Resistance In Ohms:

4.10

Phase Shift Angle In Deg:

4.000 input to output

Spline Tooth Quantity:

21 single shaft

Torque Gradient Per Angular Deg:

0.008 inch-ounces

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0008 inches

Shaft End Play:

0.0010 inches

Pilot Length:

Between 0.0590 inches and 0.0650 inches

Shoulder Length:

Between 0.0590 inches and 0.0650 inches

Mounting Surface To Terminal End Distance:

2.2500 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:

0.2700 inches single shaft

Plus J Zro Reactance In Ohms:

107.00

Plus J Zso Reactance In Ohms:

18.10

Plus J Zrs Reactance In Ohms:

8.90

Shaft Type:

Spline w/threads single shaft

Alignment Hole Depth:

0.1250 inches

Plus J Zss Reactance In Ohms:

1.40

Transformation Ratio:

0.454 rotor to stator

Alignment Hole Bolt Circle Diameter:

Between 0.8090 inches and 0.8150 inches

Shaft Thread Size:

0.190 inches single shaft

Shaft Radial Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

1 connector, plug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800