

View Online at <https://aerobasegroup.com/nsn/5990-01-164-8673>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

1.5620 inches

Pilot Diameter:

0.9375 inches

Overall Length:

3.0090 inches

Flange Diameter:

1.7500 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

1.6250 inches

Undercut Width:

0.0780 inches

Shaft Diameter:

0.1872 inches single shaft

Shaft Length:

0.4490 inches single shaft

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

125.0 degrees celsius

Body Size:

18

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

400.0 milliamperes

Rotor Input Electrical Power Rating:

4.0 watts

Zss Impedance Magnitude In Ohms:

18.50

Zss Impedance Angle In Deg:

41.50

Rotor Dc Resistance In Ohms:

9.00

Stator Dc Resistance In Ohms:

9.00

Phase Shift Angle In Deg:

40.000 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:

-8.0/+8.0

Spline Tooth Quantity:

21 single shaft

Receiver Error Angular Range In Minutes:

-45.0/+45.0

Torque Gradient Per Angular Deg:

10.000 inch-ounces

Shaft Maximum Radial Play:

0.0006 inches

Shaft End Play:

Between 0.0006 inches and 0.0036 inches

Pilot Length:

0.0400 inches

Shoulder Length:

0.1320 inches

Mounting Surface To Terminal End Distance:

2.5200 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

Shaft Type:

Spline w/threads single shaft

Transformation Ratio:

0.783 stator to rotor

Shaft Thread Size:

0.312 inches single shaft

Shaft Radial Play Determining Weight:

8.0 ounces

Shaft End Play Determining Weight:

16.0 ounces

Terminal Type And Quantity:

4 screw

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A07800