

View Online at <https://aerobasegroup.com/nsn/5990-01-168-3257>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round d

Shoulder Diameter:

2.7000 inches

Pilot Diameter:

0.5000 inches

Second Shoulder Diameter:

2.7500 inches

Second Shoulder Length:

0.3750 inches

Overall Length:

5.1800 inches

Flange Diameter:

3.1000 inches

Flange Thickness:

0.2500 inches

Body Diameter:

2.7000 inches

Shaft Diameter:

0.2405 inches single shaft

Shaft Length:

0.7300 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

31

Rotor Input Voltage Rating In Volts:

Between 90.0 and 115.0

Frequency In Hertz:

60.0

Rotor Input Current Rating:

440.0 milliamperes

Rotor Input Electrical Power Rating:

6.6 watts

Zss Impedance Magnitude In Ohms:

28.50

Zss Impedance Angle In Deg:

20.00

Rotor Dc Resistance In Ohms:

28.00

Stator Dc Resistance In Ohms:

117.00

Phase Shift Angle In Deg:

6.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

35.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

170.00

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Spline Tooth Quantity:

22 single shaft

Receiver Error Angular Range In Minutes:

-36.0/+36.0

Torque Gradient Per Angular Deg:

0.400 inch-ounces

Shaft End Play:

Between 0.0010 inches and 0.0050 inches

Pilot Length:

0.0300 inches

Shoulder Length:

0.6950 inches

Aft Of First Flange Diameter:

2.7500 inches

Mounting Surface To Terminal End Distance:

4.4500 inches

Spline Tooth Diametral Pitch:

96 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:

0.3400 inches single shaft

Shaft Type:

Spline w/threads single shaft

Transformation Ratio:

0.783 rotor to stator

Shaft Thread Size:

0.250 inches single shaft

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:

Yes - demil/mli

Fiig:

A07800