

View Online at <https://aerobasegroup.com/nsn/5990-00-482-7927>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

Between 1.5615 inches and 1.5620 inches

Pilot Diameter:

Between 0.9370 inches and 0.9375 inches

Overall Length:

3.0600 inches

Flange Diameter:

Between 1.7450 inches and 1.7500 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

1.6250 inches

Undercut Width:

0.0780 inches

Shaft Diameter:

0.1870 inches single shaft and 0.1872 inches single shaft

Shaft Length:

0.5400 inches single shaft

Maximum Temperature Rise:

20.0 degrees celsius

Body Size:

18

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

110.0 milliamperes

Rotor Input Electrical Power Rating:

900.0 milliwatts

Zro Impedance Magnitude In Ohms:

Between 1045.00 and 1400.00

Zro Impedance Angle In Deg:

Between 84.00 and 87.50

Zss Impedance Magnitude In Ohms:

Between 40.00 and 57.00

Zss Impedance Angle In Deg:

Between 34.00 and 48.00

Phase Shift Angle In Deg:

1.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

40.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

60.00

Electrical Error Angular Range In Minutes:

-6.0/+6.0

Spline Tooth Quantity:

21 single shaft

Actuator Friction Torque At Plus 25 Deg Celsius:

0.10 inch-ounces

Alignment Hole Quantity:

4

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 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:

0.783 rotor to stator

Alignment Hole Bolt Circle Diameter:

1.2500 inches

Shaft Thread Size:

0.190 inches single shaft

Test Data Document:

49956-c362032 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

Terminal Type And Quantity:

5 screw

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fig:

A07800