

View Online at <https://aerobasegroup.com/nsn/5990-00-945-9811>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

2.1420 inches

Flange Diameter:

Between 1.0570 inches and 1.0650 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1830 inches single shaft and 0.1850 inches single shaft

Shaft Length:

0.5620 inches single shaft

Maximum Temperature Rise:

12.0 degrees celsius

Body Size:

11

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

280.0 milliamperes

Rotor Input Electrical Power Rating:

3.0 watts

Zro Resistance In Ohms:

14.00

Zso Resistance In Ohms:

3.30

Rotor Dc Resistance In Ohms:

8.50

Stator Dc Resistance In Ohms:

3.00

Phase Shift Angle In Deg:

5.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

34.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

52.00

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Spline Tooth Quantity:

21 single shaft

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Torque Gradient Per Angular Deg:

5500.0 millimeter-milligrams

Alignment Hole Quantity:

4

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.7720 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:

0.1900 inches single shaft

Plus J Zro Reactance In Ohms:

107.00

Plus J Zso Reactance In Ohms:

17.80

Shaft Type:

Spline w/threads single shaft

Alignment Hole Depth:

0.1250 inches

Transformation Ratio:

0.454 stator to rotor

Alignment Hole Bolt Circle Diameter:

0.8120 inches

Shaft Thread Size:

0.190 inches single shaft

Terminal Type And Quantity:

6 screw

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A07800