

View Online at <https://aerobasegroup.com/nsn/5990-00-824-8093>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

2.3270 inches

Flange Diameter:

Between 1.0570 inches and 1.0650 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1867 inches single shaft and 0.1872 inches single shaft

Shaft Length:

0.5550 inches single shaft

Body Size:

11

Stator Input Voltage Rating In Volts:

0.7

Stator Input Current Rating:

0.5 milliamperes

Stator Input Electrical Power Rating:

0.2 milliwatts

Rotor Input Voltage Rating In Volts:

0.2

Frequency In Hertz:

135.0

Rotor Input Current Rating:

3.0 milliamperes

Rotor Input Electrical Power Rating:

0.4 milliwatts

Zro Resistance In Ohms:

35.00

Zso Resistance In Ohms:

680.00

Zrs Resistance In Ohms:

58.00

Zss Resistance In Ohms:

900.00

Rotor Dc Resistance In Ohms:

30.00

Stator Dc Resistance In Ohms:

600.00

Phase Shift Angle In Deg:

21.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

4.00

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Spline Tooth Quantity:

21 single shaft

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:

0.2230 inches single shaft

Plus J Zro Reactance In Ohms:

88.00

Plus J Zso Reactance In Ohms:

1200.00

Plus J Zrs Reactance In Ohms:

23.00

Shaft Type:

Spline w/threads single shaft

Alignment Hole Depth:

0.1250 inches

Plus J Zss Reactance In Ohms:

280.00

Transformation Ratio:

3.150 rotor to stator

Alignment Hole Bolt Circle Diameter:

0.8120 inches

Shaft Thread Size:

0.190 inches single shaft

Terminal Type And Quantity:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A07800