

View Online at <https://aerobasegroup.com/nsn/5990-00-234-9133>

Body Material:

Steel, stainless

Body Style:

Standard round a

Pilot Diameter:

0.6250 inches

Overall Length:

Between 3.0050 inches and 3.0350 inches

Flange Diameter:

1.0650 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0980 inches

Shaft Diameter:

0.1243 inches single shaft and 0.1247 inches single shaft

Shaft Length:

0.8670 inches single shaft and 0.9030 inches single shaft

Connector Manufacturer Code:

97942

Connector Manufacturer Part Number:

577r631h03

Fragility Factor:

Moderately rugged

Body Size:

11

Stator Input Voltage Rating In Volts:

30.0

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

350.00

Zso Resistance In Ohms:

370.00

Rotor Dc Resistance In Ohms:

225.00

Stator Dc Resistance In Ohms:

235.00

Compensation Method:

Winding compensated

Zco Impedance Magnitude In Ohms:

370.00

Zco Impedance Angle In Deg:

1400.00

Compensator Dc Resistance In Ohms:

235.00

Compensator Transformation Ratio In Percent:

1.000 rotor to compensator

Phase Shift Angle In Deg:

9.000 input to output

Interaxis Error Angular Range In Minutes:

-5.0/+5.0

Output Voltage Functional Error Range In Percent:

-0.1/+0.1

Pilot Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

Between 2.2620 inches and 2.2680 inches

Terminal Location:

Side

Plus J Zro Reactance In Ohms:

1500.00

Plus J Zso Reactance In Ohms:

1400.00

Shaft Type:

Round, flatted single shaft

Shaft Flatted Portion Thickness:

0.1040 inches front shaft and 0.1060 inches front shaft

Shaft Flatted Portion Length:

0.6470 inches front shaft and 0.7830 inches front shaft

Terminal Type And Quantity:

1 connector, plug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800