

View Online at <https://aerobasegroup.com/nsn/5990-00-783-4489>

Body Material:

Steel, stainless

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

0.6250 inches

Overall Length:

2.1000 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:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.4880 inches single shaft and 0.5120 inches single shaft

Maximum Temperature Rise:

25.0 degrees celsius

Body Size:

11

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

Between 395.0 and 405.0

Rotor Input Current Rating:

60.0 milliamperes

Rotor Input Electrical Power Rating:

1.0 watts

Zro Resistance In Ohms:

Between 242.25 and 327.75

Zso Resistance In Ohms:

Between 170.00 and 230.00

Zrs Resistance In Ohms:

Between 357.00 and 483.00

Rotor Dc Resistance In Ohms:

Between 144.00 and 176.00

Stator Dc Resistance In Ohms:

Between 153.00 and 187.00

Phase Shift Angle In Deg:

4.500 input to output

Electrical Error Angular Range In Minutes:

+30.0/+45.0

Receiver Error Angular Range In Minutes:

+30.0/+45.0

Pilot Length:

Between 0.0590 inches and 0.0650 inches

Shoulder Length:

Between 0.0590 inches and 0.0650 inches

Mounting Surface To Terminal End Distance:

1.7800 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

Between 1818.00 and 2222.00

Shaft Slot Depth:

0.0220 inches single shaft and 0.0320 inches single shaft

Plus J Zso Reactance In Ohms:

Between 867.00 and 1173.00

Shaft Slot Width:

0.0220 inches single shaft and 0.0320 inches single shaft

Plus J Zrs Reactance In Ohms:

Between 144.50 and 195.50

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

Between 0.752 rotor to stator and 0.814 rotor to stator

Terminal Type And Quantity:

5 pin

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800