

View Online at <https://aerobasegroup.com/nsn/5990-00-878-1909>

Body Material:

Any acceptable

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

Between 1.6070 inches and 1.6450 inches

Flange Diameter:

Between 0.7470 inches and 0.7500 inches

Flange Thickness:

Between 0.0590 inches and 0.0650 inches

Undercut Diameter:

Between 0.6880 inches and 0.6910 inches

Undercut Width:

Between 0.0590 inches and 0.0650 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.3180 inches single shaft and 0.3860 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

8

Rotor Input Voltage Rating In Volts:

Between 0.5 and 16.5

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

Between 522.75 and 707.25

Zso Resistance In Ohms:

Between 85.00 and 115.00

Zrs Resistance In Ohms:

Between 697.00 and 943.00

Phase Shift Angle In Deg:

Between 19.500 input to output and 22.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

20.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

25.00

Interaxis Error Angular Range In Minutes:

-15.0/+15.0

Electrical Error Angular Range In Minutes:

-14.0/+14.0

Pilot Length:

Between 0.0370 inches and 0.0430 inches

Mounting Surface To Terminal End Distance:

1.2900 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

Between 1232.50 and 1667.50

Shaft Slot Depth:

0.0270 inches single shaft and 0.0320 inches single shaft

Plus J Zso Reactance In Ohms:

Between 246.45 and 333.55

Shaft Slot Width:

0.0270 inches single shaft and 0.0320 inches single shaft

Plus J Zrs Reactance In Ohms:

Between 161.50 and 218.50

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

Between 0.400 rotor to stator and 0.416 rotor to stator

Terminal Type And Quantity:

7 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800