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Body Material:

Steel, corrosion resisting

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.6050 inches

Flange Diameter:

Between 0.7470 inches and 0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.6920 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.3650 inches single shaft

Fragility Factor:

Moderately rugged

End Application:

T-37 support equipment; t-38 support equipment; aircraft, viking s-3b; prowler ea-6b aircraft; p-3 orion; avionics shop test system; customer focus pool; air traffic control

Maximum Temperature Rise:

20.0 degrees celsius

Body Size:

8

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

153.0 milliamperes

Rotor Input Electrical Power Rating:

700.0 milliwatts

Zro Impedance Magnitude In Ohms:

Between 170.00 and 215.00

Zro Impedance Angle In Deg:

Between 77.50 and 80.50

Zss Impedance Magnitude In Ohms:

Between 11.00 and 15.00

Zss Impedance Angle In Deg:

Between 9.00 and 15.00

Phase Shift Angle In Deg:

8.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

20.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Plus 25 Deg Celsius:

0.04 inch-ounces

Pilot Length:

0.0400 inches

Mounting Surface To Terminal End Distance:

1.2400 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0250 inches single shaft

Shaft Slot Width:

0.0200 inches single shaft

Shaft Type:

Round, slotted single shaft

Criticality Code Justification:

Feat

Transformation Ratio:

0.454 rotor to stator

Special Features:

Weapon system essential

Test Data Document:

81349-mil-s-20708 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

Terminal Type And Quantity:

5 wire lead

Specification Data:

81349-mil-s-20708/78 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

1-07000