

View Online at <https://aerobasegroup.com/nsn/5990-00-104-1617>

Body Material:

Steel, stainless

Body Style:

Standard round b

Shoulder Diameter:

Between 0.9997 inches and 1.0000 inches

Pilot Diameter:

Between 0.6247 inches and 0.6250 inches

Overall Length:

Between 2.3580 inches and 2.3730 inches

Flange Diameter:

Between 1.0610 inches and 1.0620 inches

Flange Thickness:

0.0930 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1190 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.5380 inches single shaft

Body Size:

11

Stator Input Voltage Rating In Volts:

22.0

Stator Input Current Rating:

Between 4.5 milliamperes and 10.0 milliamperes

Stator Input Electrical Power Rating:

6.7 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

500.00

Zso Resistance In Ohms:

360.00

Rotor Dc Resistance In Ohms:

425.00

Stator Dc Resistance In Ohms:

280.00

Transformation Ratio Equality In Percent:

0.2

Compensation Method:

Resistor compensated

Zco Resistance In Ohms:

480.00

Compensator Dc Resistance In Ohms:

430.00

Compensator Transformation Ratio In Percent:

1.007 rotor to compensator

Phase Shift Angle In Deg:

7.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

8.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

10.00

Interaxis Error Angular Range In Minutes:

-3.0/+3.0

Electrical Error Angular Range In Minutes:

-3.5 to 3.5

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Alignment Hole Quantity:

4

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

Between 1.8200 inches and 1.8350 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

2325.00

Shaft Slot Depth:

0.0320 inches single shaft

Plus J Zso Reactance In Ohms:

2200.00

Shaft Slot Width:

0.0220 inches single shaft

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.1250 inches

Transformation Ratio:

0.980 rotor to stator

Plus J Zco Reactance In Ohms:

2200.00

Alignment Hole Bolt Circle Diameter:

0.8120 inches

Terminal Type And Quantity:

12 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A07800