

View Online at <https://aerobasegroup.com/nsn/5990-00-824-6046>

Body Material:

Any acceptable

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

Between 2.6940 inches and 2.7300 inches

Flange Diameter:

Between 1.0570 inches and 1.0650 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 inches

Undercut Diameter:

0.9800 inches

Undercut Width:

0.0450 inches

Shaft Diameter:

0.1247 inches single shaft and 0.1257 inches single shaft

Shaft Length:

0.7120 inches single shaft and 0.7130 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

11

Stator Input Voltage Rating In Volts:

26.0

Stator Input Current Rating:

22.0 milliamperes

Stator Input Electrical Power Rating:

160.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

Between 493.00 and 667.00

Zso Resistance In Ohms:

Between 314.50 and 425.50

Zrs Resistance In Ohms:

Between 516.80 and 699.20

Rotor Dc Resistance In Ohms:

Between 332.00 and 498.00

Stator Dc Resistance In Ohms:

Between 180.00 and 270.00

Compensation Method:

Winding compensated

Err Default:

Err default and err default

Phase Shift Angle In Deg:

Between 8.000 input to output and 10.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

15.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

15.00

Electrical Error Angular Range In Minutes:

-5.0/+5.0

Actuator Friction Torque At Minus 55 Deg Celsius:

15.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

7.0 centimeter-grams

Pilot Length:

0.0650 inches

Shoulder Length:

0.0590 inches

Mounting Surface To Terminal End Distance:

Between 2.0590 inches and 2.0650 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

Between 1467.00 and 1793.00

Shaft Slot Depth:

0.0320 inches single shaft

Plus J Zso Reactance In Ohms:

Between 1260.00 and 1540.00

Shaft Slot Width:

0.0320 inches single shaft

Plus J Zrs Reactance In Ohms:

Between 516.80 and 699.20

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

Between 0.985 rotor to stator and 1.015 rotor to stator

Err Default:

Err default and err default

Shaft Flatted Portion Thickness:

0.1060 inches single shaft

Shaft Flatted Portion Length:

0.7060 inches single shaft

Terminal Type And Quantity:

12 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800