

View Online at <https://aerobasegroup.com/nsn/5990-00-858-8782>

Body Material:

Steel, stainless

Body Style:

Standard round c

Shoulder Diameter:

1.0000 inches

Pilot Diameter:

0.6250 inches

Overall Length:

2.0950 inches

Flange Diameter:

1.0620 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.9000 inches

Undercut Width:

0.0570 inches

Shaft Diameter:

0.1200 inches single shaft

Shaft Length:

0.3120 inches single shaft

Schematic Diagram Designator:

Err-090

Fragility Factor:

Moderately rugged

Body Size:

11

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

135.0 milliamperes

Stator Input Electrical Power Rating:

400.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

15.00

Zso Resistance In Ohms:

17.00

Zrs Resistance In Ohms:

15.00

Rotor Dc Resistance In Ohms:

14.00

Stator Dc Resistance In Ohms:

12.10

Phase Shift Angle In Deg:

7.000 output to input

Maximum Total Null Voltage Output In Millivolts Per Volt:

40.00

Electrical Error Angular Range In Minutes:

-12.0/+12.0

Actuator Friction Torque At Minus 55 Deg Celsius:

15.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

7.0 centimeter-grams

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0010 inches

Shaft End Play:

Between 0.0003 inches and 0.0015 inches

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.6870 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

64.00

Shaft Slot Depth:

0.0310 inches single shaft

Plus J Zso Reactance In Ohms:

73.00

Shaft Slot Width:

0.0310 inches single shaft

Plus J Zrs Reactance In Ohms:

9.00

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

1.112 rotor to stator

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

4.0 ounces

Terminal Type And Quantity:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fiig:

A07800