

View Online at <https://aerobasegroup.com/nsn/5990-00-838-0696>

Body Material:

Steel, stainless

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:

2.0840 inches

Flange Diameter:

Between 1.0570 inches and 1.0650 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.3780 inches single shaft

Schematic Diagram Designator:

Err-090

Fragility Factor:

Moderately rugged

Body Size:

11

Stator Input Voltage Rating In Volts:

22.0

Stator Input Current Rating:

17.8 milliamperes

Stator Input Electrical Power Rating:

88.0 milliwatts

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

17.0 milliamperes

Rotor Input Electrical Power Rating:

90.0 allqaa3.500 finished-chamfered

Zro Resistance In Ohms:

310.00

Zso Resistance In Ohms:

280.00

Zrs Resistance In Ohms:

53.00

Rotor Dc Resistance In Ohms:

190.00

Stator Dc Resistance In Ohms:

170.00

Phase Shift Angle In Deg:

7.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

26.00 input

Interaxis Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.00 centimeter-grams

Shaft Maximum Radial Play:

0.0008 inches

Shaft End Play:

Between 0.0005 inches and 0.0015 inches

Terminal Designator And Schematic Position:

Connection r1 position a and connection r2 position b and connection r3 position c and connection s1 position h and connection s2 position f and connection s3 position j and connection s3 position e

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.6440 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

1500.00

Shaft Slot Depth:

0.0220 inches single shaft and 0.0370 inches single shaft

Plus J Zso Reactance In Ohms:

1200.00

Shaft Slot Width:

0.0220 inches single shaft and 0.0320 inches single shaft

Plus J Zrs Reactance In Ohms:

23.00

Shaft Type:

Round, slotted single shaft

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

7 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800