

View Online at <https://aerobasegroup.com/nsn/5990-00-765-1264>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round b

Shoulder Diameter:

1.3120 inches

Pilot Diameter:

0.8750 inches

Overall Length:

2.8050 inches

Flange Diameter:

1.4370 inches

Flange Thickness:

0.0930 inches

Undercut Width:

0.0780 inches

Shaft Diameter:

0.1872 inches single shaft

Shaft Length:

0.5000 inches single shaft

Schematic Diagram Designator:

Err-090

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

30.0 degrees celsius

Body Size:

15

Stator Input Voltage Rating In Volts:

32.0

Stator Input Current Rating:

57.0 milliamperes

Stator Input Electrical Power Rating:

270.0 milliwatts

Frequency In Hertz:

400.0

Zso Impedance Magnitude In Ohms:

575.00

Zso Impedance Angle In Deg:

81.00

Rotor Dc Resistance In Ohms:

57.00

Stator Dc Resistance In Ohms:

15.00

Transformation Ratio Equality In Percent:

0.2

Phase Shift Angle In Deg:

5.700 output to input

Maximum Fundamental Null Voltage In Millivolts Per Volt:

0.707 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

0.884

Interaxis Error Angular Range In Minutes:

-1.0/+1.0

Output Voltage Functional Error Range In Percent:

-0.2/+0.2

Electrical Error Angular Range In Minutes:

-2.0/+2.0

Spline Tooth Quantity:

21 single shaft

Actuator Friction Torque At Minus 55 Deg Celsius:

0.60 inch-ounces

Actuator Friction Torque At Plus 25 Deg Celsius:

0.20 inch-ounces

Alignment Hole Quantity:

4

Shaft Maximum Radial Play:

0.0004 inches

Shaft End Play:

0.0015 inches

Terminal Designator And Schematic Position:

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

Pilot Length:

0.0400 inches

Shoulder Length:

0.1320 inches

Mounting Surface To Terminal End Distance:

1.9300 inches

Spline Tooth Diametral Pitch:

120 single shaft

Shaft Maximum Runout:

0.0010 inches

Shaft Thread Series Designator:

Unf single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

2a single shaft

Terminal Location:

Rear

Shaft Thread Length:

0.2000 inches single shaft

Shaft Type:

Spline w/threads single shaft

Alignment Hole Depth:

0.1250 inches

Transformation Ratio:

0.450 rotor to stator

Alignment Hole Bolt Circle Diameter:

1.1000 inches

Shaft Thread Size:

0.190 inches single shaft

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

6 solder stud

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800