NSN 5990-01-025-7465

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View Online at https://aerobasegroup.com/nsn/5990-01-025-7465

Body Material:

Steel, corrosion resisting

Body Style:

Standard round, rotatable stator b

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

3.3170 inches

Flange Diameter:

Between 1.0600 inches and 1.0620 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

Between 0.0450 inches and 0.0550 inches

Body Diameter:

1.0590 mils and 1.0670 centimeters

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.4290 inches single shaft and 0.4510 inches single shaft

Schematic Diagram Designator:

Err-090

Fragility Factor:

Moderately rugged

Maximum Tempurature Rise:

10.0 degrees celsius

Body Size:

11

Rotor Input Voltage Rating In Volts:

15.0

Frequency In Hertz:

400.0

Zro Impedance Magnitude In Ohms:

500000.00

Zso Impedance Magnitude In Ohms:

500.00

Zso Impedance Angle In Deg:

35.00

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Transformation Ratio Equality In Percent:	
0.1	
Compensation Method:	
Winding compensated	
Phase Shift Angle In Deg:	
0.100 input to output	
Maximum Fundamental Null Voltage In Millivolts Per Volt:	
20.00 input	
Maximum Total Null Voltage Output In Millivolts Per Volt:	
25.00	
Interaxis Error Angular Range In Minutes:	
-3.0/+3.0	
Output Voltage Functional Error Range In Percent:	
-0.1/+0.1	
Electrical Error Angular Range In Minutes:	
-3.0/+3.0	
Actuator Friction Torque At Minus 55 Deg Celsius:	
30.0 centimeter-grams	
Actuator Friction Torque At Plus 25 Deg Celsius:	
15.0 centimeter-grams	
Alignment Hole Quantity:	
4	
Shaft Radial Play Test Point:	
0.250 inches	
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 h and connection r2 position g and connection r3 position e and connection r4 position j and connection s1 position	itio
I and connection s2 position I and connection s3 position k and connection s4 position n and connection c1 position d and connection	c2
position c and connection c3 position a and connection c4 position b	
Pilot Length:	
0.0590 mils and 0.0650 centimeters	
Shoulder Length:	
0.0590 mils and 0.0650 centimeters	
Mounting Surface To Terminal End Distance:	
2.9660 inches	
Shaft Maximum Runout:	
0.0010 inches	
Terminal Location:	
Side	

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Shaft Type:

Round single shaft

Alignment Hole Depth:

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Transformation Ratio:
1.000 rotor to stator
Alignment Hole Bolt Circle Diameter:
0.8120 inches
Shaft Radial Play Determining Weight:
4.0 ounces
Shaft End Play Determining Weight:
8.0 ounces
Special Features:
Spur gear
Terminal Type And Quantity:
12 wire lead
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli

Fiig: A07800