NSN 5990-00-811-2103

Electrical Resolver - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5990-00-811-2103

3
Body Material:
Any acceptable
Body Style:
Standard round b
Shoulder Diameter:
1.3120 inches
Pilot Diameter:
0.8570 inches
Overall Length:
2.4560 inches
Flange Diameter:
1.4370 inches
Flange Thickness:
0.0930 inches
Undercut Width:
0.0780 inches
Shaft Diameter:
0.1870 inches single shaft
Shaft Length:
0.5000 inches single shaft
Body Size:
15
Stator Input Voltage Rating In Volts:
26.0
Frequency In Hertz:
400.0
Zso Resistance In Ohms:
480.00
Rotor Dc Resistance In Ohms:
320.00
Stator Dc Resistance In Ohms:
390.00
Compensation Method:
Winding compensated
Compensator Dc Resistance In Ohms:
520.00
Compensator Transformation Ratio In Percent:
0.980 stator to compensator
Phase Shift Angle In Deg:
7.000 input to output
Maximum Total Null Voltage Output In Millivolts Per Volt:

15.00

NSN 5990-00-811-2103

Electrical Resolver - Page 2 of 2



Electrical Error Angular Range In Minutes:
-0.1/+0.1
Spline Tooth Quantity:
21 single shaft
Alignment Hole Quantity:
4
Pilot Length:
0.0400 inches
Shoulder Length:
0.0132 inches
Mounting Surface To Terminal End Distance:
1.9160 inches
Spline Tooth Diametral Pitch:
120 single shaft
Shaft Thread Series Designator:
Unf single shaft
Shaft Thread Direction:
Right-hand single shaft
Shaft Thread Class:
2a single shaft
Terminal Location:
Front
Shaft Thread Length:
0.2000 inches single shaft
Plus J Zso Reactance In Ohms:
2500.00
Shaft Type:
Spline w/threads single shaft
Alignment Hole Depth:
0.1250 inches
Alignment Hole Bolt Circle Diameter:
1.1100 inches
Shaft Thread Size:
0.1900 inches single shaft
Terminal Type And Quantity:
12 screw
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli
Fiig:

A07800