NSN 5990-00-885-4020

Electrical Resolver - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5990-00-885-4020

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9700 inches and 0.9800 inches

Pilot Diameter:

0.6250 inches

Overall Length:

2.4050 inches

Flange Diameter:

1.0610 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 inches

Undercut Diameter:

0.9995 inches

Undercut Width:

Between 0.0470 inches and 0.0530 inches

Shaft Diameter:

0.1873 inches single shaft

Shaft Length:

0.3900 inches single shaft and 0.4200 inches single shaft

Fragility Factor:

Moderately rugged

Securing Hole Quantity:

4

Body Size:

11

Stator Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Zrs Resistance In Ohms:

400.00

Rotor Dc Resistance In Ohms:

300.00

Stator Dc Resistance In Ohms:

250.00

Phase Shift Angle In Deg:

7.000 input to output

Alignment Hole Quantity:

4

NSN 5990-00-885-4020

Electrical Resolver - Page 2 of 2



Pilot Length: 0.0590 mils and 0.0650 centimeters Shoulder Length: 0.0590 mils and 0.0650 centimeters Mounting Surface To Terminal End Distance: 2.0000 inches Mounting Facility Screw Thread Series Designator: Unc **Terminal Location:** Rear Shaft Slot Depth: 0.0300 inches single shaft Shaft Slot Width: 0.0300 inches single shaft Plus J Zrs Reactance In Ohms: 2000.00 Shaft Type: Round, slotted single shaft Alignment Hole Depth: Between 0.4045 inches and 0.4075 inches Mounting Facility Screw Thread Diameter: 0.112 inches **Transformation Ratio:** 0.980 rotor to stator Alignment Hole Bolt Circle Diameter: Between 0.8090 inches and 0.8150 inches **Mounting Thread Tolerance Class:** 2b internal **Terminal Type And Quantity:** 8 screw Shelf Life: N/a Unit Of Measure: --**Demilitarization:** No Fiig: A07800