

View Online at <https://aerobasegroup.com/nsn/5990-00-073-1760>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round c

**Shoulder Diameter:**

1.0000 inches

**Pilot Diameter:**

0.5000 inches

**Overall Length:**

1.6280 inches

**Flange Diameter:**

0.9370 inches

**Flange Thickness:**

0.1250 inches

**Undercut Diameter:**

0.8123 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0900 inches single shaft

**Shaft Length:**

0.4130 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

10

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

42.0 milliamperes

**Stator Input Electrical Power Rating:**

103.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

85.40

**Zso Resistance In Ohms:**

77.60

**Zrs Resistance In Ohms:**

84.30

**Rotor Dc Resistance In Ohms:**

75.50

**Stator Dc Resistance In Ohms:**

41.00

**Phase Shift Angle In Deg:**

10.800 output to input

**Maximum Total Null Voltage Output In Millivolts Per Volt:**

30.00

**Electrical Error Angular Range In Minutes:**

-7.0 to 7.0

**Actuator Friction Torque At Minus 55 Deg Celsius:**

6.0 centimeter-grams

**Actuator Friction Torque At Plus 25 Deg Celsius:**

3.0 centimeter-grams

**Alignment Hole Quantity:**

3

**Pilot Length:**

0.0380 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.2400 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

281.00

**Shaft Slot Depth:**

0.0300 inches single shaft

**Plus J Zso Reactance In Ohms:**

363.00

**Shaft Slot Width:**

0.0200 inches single shaft

**Plus J Zrs Reactance In Ohms:**

31.10

**Shaft Type:**

Round, slotted single shaft

**Alignment Hole Depth:**

0.1000 inches

**Criticality Code Justification:**

Feat

**Transformation Ratio:**

1.041 stator to rotor

**Alignment Hole Bolt Circle Diameter:**

0.6780 inches

**Special Features:**

Resolver is critical for fit form and function tolerance and application for the amplifier power supply for the e-3 aircraft

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800