## NSN 5990-01-168-3257

Receiver-transmitter Synchro - Page 1 of 3



View Online at https://aerobasegroup.com/nsn/5990-01-168-3257 **Body Material:** Steel, corrosion resisting **Body Style:** Standard round d **Shoulder Diameter:** 2.7000 inches **Pilot Diameter:** 0.5000 inches **Second Shoulder Diameter:** 2.7500 inches **Second Shoulder Length:** 0.3750 inches **Overall Length:** 5.1800 inches Flange Diameter: 3.1000 inches Flange Thickness: 0.2500 inches **Body Diameter:** 2.7000 inches **Shaft Diameter:** 0.2405 inches single shaft **Shaft Length:** 0.7300 inches single shaft **Fragility Factor:** Moderately rugged **Body Size:** 31 **Rotor Input Voltage Rating In Volts:** Between 90.0 and 115.0 Frequency In Hertz: 60.0 **Rotor Input Current Rating:** 440.0 milliamperes **Rotor Input Electrical Power Rating:** 6.6 watts **Zss Impedance Magnitude In Ohms:** 28.50 Zss Impedance Angle In Deg:

20.00

**Rotor Dc Resistance In Ohms:** 

28.00

## NSN 5990-01-168-3257

Receiver-transmitter Synchro - Page 2 of 3



## Stator Dc Resistance In Ohms: 117.00 Phase Shift Angle In Deg: 6.500 input to output Maximum Fundamental Null Voltage In Millivolts Per Volt: 35.00 output Maximum Total Null Voltage Output In Millivolts Per Volt: 170.00 **Electrical Error Angular Range In Minutes:** -10.0/+10.0 **Spline Tooth Quantity:** 22 single shaft **Receiver Error Angular Range In Minutes:** -36.0/+36.0 **Torque Gradient Per Angular Deg:** 0.400 inch-ounces **Shaft End Play:** Between 0.0010 inches and 0.0050 inches Pilot Length: 0.0300 inches **Shoulder Length:** 0.6950 inches Aft Of First Flange Diameter: 2.7500 inches **Mounting Surface To Terminal End Distance:** 4.4500 inches **Spline Tooth Diametral Pitch:** 96 single shaft **Shaft Maximum Runout:** 0.0008 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:** 0.3400 inches single shaft **Shaft Type:**

**Transformation Ratio:** 0.783 rotor to stator

Spline w/threads single shaft

## NSN 5990-01-168-3257

Receiver-transmitter Synchro - Page 3 of 3



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0.250 inches single shaft

**Shaft End Play Determining Weight:** 

16.0 ounces

**Terminal Type And Quantity:** 

5 screw

Shelf Life:

N/a

**Unit Of Measure:** 

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Demilitarization:

Yes - demil/mli

Fiig:

A07800