

NSN 5990-00-308-0479 Transmitter Synchro - Page 1 of 2 View Online at https://aerobasegroup.com/nsn/5990-00-308-0479 **Body Material:** Steel, stainless **Body Style:** Standard round a **Pilot Diameter:** Between 0.4995 inches and 0.5000 inches **Overall Length:** 1.7300 inches Flange Diameter: Between 0.7470 inches and 0.7500 inches Flange Thickness: Between 0.0590 inches and 0.0650 inches **Undercut Diameter:** Between 0.6880 inches and 0.6910 inches **Undercut Width:** Between 0.0590 inches and 0.0650 inches **Shaft Diameter:** 0.4712 inches single shaft and 0.4720 inches single shaft **Shaft Length:** 0.4500 inches single shaft **Fragility Factor:** Moderately rugged **Body Size:** 

**Rotor Input Voltage Rating In Volts:** 

26.0

Frequency In Hertz:

400.0

**Rotor Input Current Rating:** 

113.0 milliamperes

**Rotor Input Electrical Power Rating:** 

540.0 milliwatts

**Zro Resistance In Ohms:** 

54.00

**Zso Resistance In Ohms:** 

12.00

**Rotor Dc Resistance In Ohms:** 

37.00

Stator Dc Resistance In Ohms:

12.00

Phase Shift Angle In Deg:

8.500 input to output

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Maximum Total Null Voltage Output in Millivolts Per Volt:
20.00
Electrical Error Angular Range In Minutes:
-5.0/+5.0
Spline Tooth Quantity:
32 single shaft
Actuator Friction Torque At Minus 55 Deg Celsius:
9.0 centimeter-grams
Actuator Friction Torque At Plus 25 Deg Celsius:
3.0 centimeter-grams
Pilot Length:
Between 0.0380 inches and 0.0430 inches
Mounting Surface To Terminal End Distance:
1.2400 inches
Spline Tooth Diametral Pitch:
72 single shaft
Terminal Location:
Rear
Plus J Zro Reactance In Ohms:
260.00
Plus J Zso Reactance In Ohms:
45.00
Shaft Type:
Pinion single shaft
Transformation Ratio:
0.454 rotor to stator
Terminal Type And Quantity:
5 wire lead
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli
Fiig:
A07800