## NSN 5990-01-030-4061

Transmitter Synchro - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5990-01-030-4061

Body Material: Steel, stainless Body Style: Standard round a Pilot Diameter: Between 0.4995 inches and 0.5000 inches Overall Length: 1.7560 inches Flange Diameter: Between 0.7470 inches and 0.7500 inches Flange Thickness: Between 0.0570 inches and 0.0670 inches Undercut Diameter: Between 0.6880 inches and 0.6910 inches Undercut Width: Between 0.0570 inches and 0.0670 inches Shaft Diameter: 0.1195 inches single shaft and 0.1200 inches single shaft Shaft Length: 0.4850 inches single shaft and 0.5150 inches single shaft Fragility Factor: Moderately rugged Body Size: 8 Rotor Input Voltage Rating In Volts: 26.0 Frequency In Hertz: 400.0 Rotor Input Current Rating: 170.0 milliamperes Rotor Input Electrical Power Rating: 930.0 allqjaa3.500 finished-chamfered Zro Resistance In Ohms: 7.30 Zrs Resistance In Ohms: 55.00 Rotor Dc Resistance In Ohms:	
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170.0 milliamperes  Rotor Input Electrical Power Rating: 930.0 allqjaa3.500 finished-chamfered  Zro Resistance In Ohms: 32.00  Zso Resistance In Ohms: 7.30  Zrs Resistance In Ohms: 55.00	400.0
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32.00  Zso Resistance In Ohms: 7.30  Zrs Resistance In Ohms: 55.00	930.0 allqjaa3.500 finished-chamfered
Zso Resistance In Ohms: 7.30 Zrs Resistance In Ohms: 55.00	Zro Resistance In Ohms:
7.30  Zrs Resistance In Ohms: 55.00	32.00
Zrs Resistance In Ohms: 55.00	Zso Resistance In Ohms:
55.00	7.30
	Zrs Resistance In Ohms:
Rotor Dc Resistance In Ohms:	55.00
	Rotor Dc Resistance In Ohms:
24.00	24.00

8.50

**Stator Dc Resistance In Ohms:** 

## **NSN 5990-01-030-4061** Transmitter Synchro - Page 2 of 2



Phase Shift Angle In Deg:
9.500 input to output
Maximum Fundamental Null Voltage In Millivolts Per Volt:
30.00 output
Electrical Error Angular Range In Minutes:
7.0/+7.0
Actuator Friction Torque At Minus 55 Deg Celsius:
9.0 centimeter-grams
Actuator Friction Torque At Plus 25 Deg Celsius:
4.0 centimeter-grams
Shaft Maximum Radial Play:
0.0008 inches
Shaft End Play:
0.0008 inches
Pilot Length:
0.0380 mils and 0.0480 centimeters
Mounting Surface To Terminal End Distance:
1.2410 inches
Shaft Maximum Runout:
0.0010 inches
Terminal Location:
Rear
Plus J Zro Reactance In Ohms:
150.00
Plus J Zso Reactance In Ohms:
26.20
Plus J Zrs Reactance In Ohms:
17.00
Shaft Type:
Round single shaft
Shaft Radial Play Determining Weight:
4.0 ounces
Shaft End Play Determining Weight:
3.0 ounces
Terminal Type And Quantity:
5 wire lead
Shelf Life:
N/a
Unit Of Measure:
-
Demilitarization:
Yes - demil/mli

Fiig:

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