## NSN 5990-00-465-4903

Transmitter Synchro - Page 1 of 3



View Online at https://aerobasegroup.com/nsn/5990-00-465-4903

Body Material:         Steel, stainless         Body Style:         Standard round c         Shoulder Diameter:         Between 0.8118 inches and 0.8123 inches         Pilot Diameter:         Between 0.4995 inches and 0.5000 inches         Overall Length:         1.4130 inches         Flange Diameter:         Between 0.9360 inches and 0.9370 inches         Flange Thickness:         0.0620 inches         Undercut Diameter:         Between 0.8350 inches and 0.8400 inches         Undercut Width:         0.0620 inches         Shaft Diameter:         0.1720 inches single shaft and 0.1860 inches single shaft         Body Size:         10         Rotor Input Voltage Rating In Volts:         115.0         Frequency In Hertz:         400.0         Rotor Input Current Rating:         40.0 milliamperes      <
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563.00 Zso Resistance In Ohms:
Zso Resistance In Ohms:
6.25
Zrs Resistance In Ohms:
821.00
Rotor Dc Resistance In Ohms:
321.00
Stator Dc Resistance In Ohms:
5.85

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Phase Shift Angle In Deg:	
8.000 input to output	
Maximum Total Null Voltage Output In Millivolts Per Volt:	
50.00	
Electrical Error Angular Range In Minutes:	
-15.0/+15.0	
Torque Gradient Per Angular Deg:	
2900.0 millimeter-milligrams	
Alignment Hole Quantity:	
3	
Pilot Length:	
0.0380 inches	
Shoulder Length:	
0.0630 inches	
Mounting Surface To Terminal End Distance:	
1.2650 inches	
Terminal Location:	
Side	
Plus J Zro Reactance In Ohms:	
3080.00	
Plus J Zso Reactance In Ohms:	
24.80	
Plus J Zrs Reactance In Ohms:	
314.00	
Shaft Type:	
Round, flatted single shaft	
Alignment Hole Depth:	
0.0730 inches	
Transformation Ratio:	
0.103 rotor to stator	
Alignment Hole Bolt Circle Diameter:	
Between 0.6750 inches and 0.6810 inches	
Shaft Flatted Portion Thickness:	
0.0750 inches single shaft	
Shaft Flatted Portion Length:	
0.0880 inches single shaft and 0.0930 inches single shaft	
Terminal Type And Quantity:	
5 wire lead	
Shelf Life:	
N/a	
Unit Of Measure:	
Demilitarization:	

Yes - demil/mli

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**Fiig:** A07800

