## NSN 5990-01-076-8901

Receiver-transmitter Synchro - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5990-01-076-8901
Body Material:
Steel, corrosion resisting
Body Style:
Standard round c
Shoulder Diameter:
1.9900 inches
Pilot Diameter:
0.6000 inches
Overall Length:
4.7590 inches
Flange Diameter:
2.2500 inches
Flange Thickness:
0.2500 inches
Undercut Diameter:
1.9995 inches
Undercut Width:
0.2030 inches
Shaft Diameter:
0.2405 inches single shaft
Shaft Length:
0.6760 inches single shaft
Body Size:
23
Rotor Input Voltage Rating In Volts:
114.0
Frequency In Hertz:
60.0
Rotor Input Current Rating:
231.0 milliamperes
Rotor Input Electrical Power Rating:
6.0 watts
Rotor Dc Resistance In Ohms:

93.00

Stator Dc Resistance In Ohms:

106.00

Phase Shift Angle In Deg:

10.000 input to output

**Electrical Error Angular Range In Minutes:** 

-8.0/+8.0

**Spline Tooth Quantity:** 

22 single shaft

NSN 5990-01-076-8901 Receiver-transmitter Synchro - Page 2 of 2



Pilot Length:
0.1700 inches
Shoulder Length:
0.0430 inches
Mounting Surface To Terminal End Distance:
3.1600 inches
Spline Tooth Diametral Pitch:
96 single shaft
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:
0.3860 inches single shaft
Shaft Type:
Spline w/threads single shaft
Criticality Code Justification:
Feat
Transformation Ratio:
0.783 rotor to stator
Shaft Thread Size:
0.250 inches single shaft
Special Features:
Item must comply with requirements of desc production standard no. L02723, for navy nuclear propulsion plant products only
Terminal Type And Quantity:
6 screw
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A07800