

NSN 5990-00-825-5208 Transmitter Synchro - Page 1 of 2 View Online at https://aerobasegroup.com/nsn/5990-00-825-5208 **Body Material:** Steel, corrosion resisting **Body Style:** 

Standard round c

Between 0.8118 inches and 0.8123 inches

**Pilot Diameter:** 

Between 0.4995 inches and 0.5000 inches

**Overall Length:** 2.0530 inches

**Shoulder Diameter:** 

Flange Diameter: Between 0.9360 inches and 0.9370 inches

Flange Thickness:

0.0630 inches

**Undercut Diameter:** 

0.8400 inches

**Undercut Width:** 

0.0620 inches

**Shaft Diameter:** 

0.0895 inches both shafts and 0.0900 inches both shafts

**Shaft Length:** 

0.5620 inches front shaft

**Fragility Factor:** 

Moderately rugged

**Body Size:** 

10

**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:** 

760.0 milliwatts

**Torque Gradient Per Angular Deg:** 

2790.0 millimeter-milligrams

**Alignment Hole Quantity:** 

3

**Pilot Length:** 

0.0380 inches

**Shoulder Length:** 

0.0620 inches

## NSN 5990-00-825-5208

Transmitter Synchro - Page 2 of 2



Mounting Surface To Terminal End Distance:
1.2410 inches
Terminal Location:
Rear
Shaft Slot Depth:
0.0310 inches both shafts
Shaft Slot Width:
0.0270 inches both shafts
Shaft Type:
Round, slotted both shafts
Alignment Hole Depth:
0.0500 inches
Transformation Ratio:
0.454 rotor to stator
Alignment Hole Bolt Circle Diameter:
0.6780 inches
Terminal Type And Quantity:
5 wire lead
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:

A07800