

| NSN 5990-00-022-2945 Receiver Synchro - Page 1 of 3 | AeroBase Group |
|---|-------------------|
| View Online at https://aerobasegroup.com/nsn/5990-00-022-2945 | |
| Body Material: | |
| Steel, corrosion resisting | |
| Body Style: | |
| Standard round c | |
| Shoulder Diameter: | |
| Between 0.9995 inches and 1.0000 inches | |
| Pilot Diameter: | |
| Between 0.6249 inches and 0.6250 inches | |
| Overall Length: | |
| 1.9320 inches | |
| Flange Diameter: | |
| Between 1.0590 inches and 1.0620 inches | |
| Flange Thickness: | |

Between 0.0590 inches and 0.0650 inches

0.1220 inches single shaft and 0.1240 inches single shaft

Undercut Diameter:

0.9750 inches **Undercut Width:** 0.0500 inches **Shaft Diameter:**

Shaft Length:

Fragility Factor: Moderately rugged

Frequency In Hertz:

120.0 milliamperes

600.0 milliwatts

Rotor Input Current Rating:

Zro Resistance In Ohms:

Zso Resistance In Ohms:

Zrs Resistance In Ohms:

Rotor Dc Resistance In Ohms:

Body Size:

11

26.0

400.0

44.00

11.70

57.00

18.00

0.2500 inches single shaft

Rotor Input Voltage Rating In Volts:

Rotor Input Electrical Power Rating:

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Stator Dc Resistance In Ohms:

9.30

Phase Shift Angle In Deg:

4.300 input to output

Receiver Error Angular Range In Minutes:

-45.0/+45.0

Actuator Friction Torque At Minus 55 Deg Celsius:

0.5 millimeter-milligrams

Torque Gradient Per Angular Deg:

2000.0 millimeter-milligrams

Alignment Hole Quantity:

4

Pilot Length:

Between 0.0590 inches and 0.0650 inches

Shoulder Length:

Between 0.0590 inches and 0.0650 inches

Mounting Surface To Terminal End Distance:

1.6200 inches

Shaft Hole Diameter:

0.0897 inches single shaft

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

243.00

Plus J Zso Reactance In Ohms:

40.50

Shaft Tapered End Minor Diameter:

0.1150 inches single shaft

Plus J Zrs Reactance In Ohms:

28.00

Shaft Type:

Round, tapered, hollowed single shaft

Alignment Hole Depth:

0.0900 inches

Transformation Ratio:

0.454 stator to rotor

Shaft Taper Angle In Deg:

2.0 single shaft

Alignment Hole Bolt Circle Diameter:

Between 0.8090 inches and 0.8150 inches

Shaft Taper Length:

0.1310 inches single shaft

Terminal Type And Quantity:

5 wire lead

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N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800