

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

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1220 inches single shaft and 0.1240 inches single shaft

Shaft Length:

0.2500 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

11

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

120.0 milliamperes

Rotor Input Electrical Power Rating:

600.0 milliwatts

Zro Resistance In Ohms:

44.00

Zso Resistance In Ohms:

11.70

Zrs Resistance In Ohms:

57.00

Rotor Dc Resistance In Ohms:

18.00

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

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800