AeroBase Group

View Online at https://aerobasegroup.com/nsn/5990-00-988-6616

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

1.9750 inches

Flange Diameter:

Between 1.0610 inches and 1.0620 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.3750 inches single shaft

Body Size:

11

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

95.0 milliamperes

Rotor Input Electrical Power Rating:

370.0 milliwatts

Zro Resistance In Ohms:

42.00

Zso Resistance In Ohms:

10.00

Zrs Resistance In Ohms:

53.00

Rotor Dc Resistance In Ohms:

18.00

Stator Dc Resistance In Ohms:

7.50

Phase Shift Angle In Deg:

3.800 input to output

Electrical Error Angular Range In Minutes:

-15.0/+15.0

Receiver Error Angular Range In Minutes:

-30.0/+30.0

Actuator Friction Torque At Minus 55 Deg Celsius:

5400.0 millimeter-milligrams

Actuator Friction Torque At Plus 25 Deg Celsius:

2700.0 millimeter-milligrams

Torque Gradient Per Angular Deg:

2400.0 millimeter-milligrams

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.6000 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

270.00

Shaft Slot Depth:

0.0220 inches single shaft and 0.0320 inches single shaft

Plus J Zso Reactance In Ohms:

46.00

Shaft Slot Width:

0.0220 inches single shaft and 0.0320 inches single shaft

Plus J Zrs Reactance In Ohms:

23.00

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

0.453 rotor to stator

Terminal Type And Quantity:

5 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A07800