

View Online at <https://aerobasegroup.com/nsn/5990-00-881-6622>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

Between 0.8118 inches and 0.8123 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.6530 inches

Flange Diameter:

Between 0.9360 inches and 0.9370 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.8400 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.2880 inches single shaft

Maximum Temperature Rise:

25.0 degrees fahrenheit

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:

800.0 milliwatts

Zro Resistance In Ohms:

27.50

Zso Resistance In Ohms:

7.70

Zrs Resistance In Ohms:

47.00

Rotor Dc Resistance In Ohms:

16.60

Stator Dc Resistance In Ohms:

7.30

Phase Shift Angle In Deg:

6.500 input to output

Electrical Error Angular Range In Minutes:

-15.0/+15.0

Receiver Error Angular Range In Minutes:

-60.0/+60.0

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:

3000.0 millimeter-milligrams

Alignment Hole Quantity:

3

Pilot Length:

0.0380 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.3650 inches

Shaft Hole Diameter:

0.0130 inches single shaft and 0.0200 inches single shaft

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

174.00

Plus J Zso Reactance In Ohms:

30.50

Plus J Zrs Reactance In Ohms:

16.00

Shaft Type:

Round, hollowed single shaft

Alignment Hole Depth:

0.0500 inches

Alignment Hole Bolt Circle Diameter:

0.8120 inches

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800