

View Online at <https://aerobasegroup.com/nsn/5990-00-803-7475>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round b

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

2.0560 inches

Flange Diameter:

Between 1.0590 inches and 1.0620 inches

Flange Thickness:

0.0620 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.3740 inches single shaft

Maximum Temperature Rise:

10.0 degrees celsius

Body Size:

11

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

110.0 milliamperes

Stator Input Electrical Power Rating:

400.0 milliwatts

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

60.0 milliamperes

Rotor Input Electrical Power Rating:

350.0 milliwatts

Zro Resistance In Ohms:

95.00

Zso Resistance In Ohms:

28.00

Zrs Resistance In Ohms:

115.00

Rotor Dc Resistance In Ohms:

56.00

Stator Dc Resistance In Ohms:

19.00

Phase Shift Angle In Deg:

9.500 input to output

Electrical Error Angular Range In Minutes:

-12.0/+12.0

Actuator Friction Torque At Minus 55 Deg Celsius:

15.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

7.0 centimeter-grams

Alignment Hole Quantity:

4

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.6820 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

20.00

Shaft Slot Depth:

0.0310 inches single shaft

Plus J Zso Reactance In Ohms:

103.00

Shaft Slot Width:

0.0310 inches single shaft

Plus J Zrs Reactance In Ohms:

86.00

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.1250 inches

Alignment Hole Bolt Circle Diameter:

0.8120 inches

Terminal Type And Quantity:

7 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800