

View Online at <https://aerobasegroup.com/nsn/5990-00-778-9883>

Body Material:

Any acceptable

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:

Between 0.2317 inches and 0.2341 inches

Flange Diameter:

Between 1.0570 inches and 1.0650 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 inches

Undercut Diameter:

Between 0.9700 inches and 0.9800 inches

Undercut Width:

Between 0.0450 inches and 0.0550 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.5590 inches single shaft and 0.5650 inches single shaft

Maximum Temperature Rise:

15.0 degrees celsius

Body Size:

11

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

60.0 milliamperes

Rotor Input Electrical Power Rating:

800.0 milliwatts

Zro Resistance In Ohms:

295.00

Zso Resistance In Ohms:

171.00

Zrs Resistance In Ohms:

356.00

Zso-9 Designator Resistance In Ohms:

113.00

Zro Impedance Magnitude In Ohms:

2210.00

Zro Impedance Angle In Deg:

82.30

Zso Impedance Magnitude In Ohms:

1130.00

Zso Impedance Angle In Deg:

81.30

Zrs Impedance Magnitude In Ohms:

395.00

Zrs Impedance Angle In Deg:

25.80

Zso-9 Designator Impedance Magnitude In Ohms:

354.00

Zso-9 Designator Impedance Angle In Deg:

71.30

Rotor Dc Resistance In Ohms:

Between 135.15 and 182.85

Stator Dc Resistance In Ohms:

Between 116.45 and 157.55

Electrical Error Angular Range In Minutes:

-30.0/+30.0

Actuator Friction Torque At Minus 55 Deg Celsius:

3.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

0.3 centimeter-grams

Torque Gradient Per Angular Deg:

5700.0 millimeter-milligrams

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:

Between 1.7620 inches and 1.7680 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

2190.00

Shaft Slot Depth:

0.0300 inches single shaft

Plus J Zso Reactance In Ohms:

1120.00

Shaft Slot Width:

0.0250 inches single shaft

Plus J Zrs Reactance In Ohms:

172.00

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

Between 0.752 rotor to stator and 0.814 rotor to stator

Plus J Zso-9 Designator Reactance In Ohms:

335.00

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800