

View Online at <https://aerobasegroup.com/nsn/5990-00-529-8767>

Body Material:

Any acceptable

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.7350 inches

Flange Diameter:

Between 0.7470 inches and 0.7500 inches

Flange Thickness:

Between 0.0590 inches and 0.0650 inches

Undercut Diameter:

0.6910 inches

Undercut Width:

Between 0.0590 inches and 0.0650 inches

Shaft Diameter:

0.1242 inches single shaft and 0.1247 inches single shaft

Shaft Length:

0.4220 inches single shaft and 0.4520 inches single shaft

Securing Hole Quantity:

3

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

32.5 milliamperes

Stator Input Electrical Power Rating:

74.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

1300.00

Zso Resistance In Ohms:

94.00

Zrs Resistance In Ohms:

1385.00

Rotor Dc Resistance In Ohms:

540.00

Stator Dc Resistance In Ohms:

85.00

Phase Shift Angle In Deg:

16.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

40.00

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Actuator Friction Torque At Minus 55 Deg Celsius:

0.8 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

0.4 centimeter-grams

Pilot Length:

Between 0.0430 inches and 0.0470 inches

Mounting Surface To Terminal End Distance:

1.2400 inches

Mounting Facility Screw Thread Series Designator:

Unf

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

1975.00

Shaft Slot Depth:

0.0200 inches single shaft and 0.0300 inches single shaft

Shaft Slot Width:

0.0150 inches single shaft and 0.0250 inches single shaft

Plus J Zrs Reactance In Ohms:

675.00

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.0750 inches

Mounting Facility Screw Thread Diameter:

0.060 inches

Transformation Ratio:

2.203 rotor to stator

Alignment Hole Bolt Circle Diameter:

0.5910 inches

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800