

View Online at <https://aerobasegroup.com/nsn/5990-01-083-2430>

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:

2.3790 inches

Flange Diameter:

Between 1.0570 inches and 1.0650 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 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:

0.6760 inches single shaft and 0.7000 inches single shaft

Body Size:

11

Stator Input Voltage Rating In Volts:

26.0

Stator Input Current Rating:

20.0 milliamperes

Stator Input Electrical Power Rating:

80.0 milliwatts

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

20.0 milliamperes

Rotor Input Electrical Power Rating:

80.0 milliwatts

Zro Resistance In Ohms:

460.00

Zso Resistance In Ohms:

256.00

Zrs Resistance In Ohms:

520.00

Rotor Dc Resistance In Ohms:

360.00

Stator Dc Resistance In Ohms:

160.00

Phase Shift Angle In Deg:

7.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

29.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

46.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

6.0 centimeter-grams

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:

1.7030 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

1210.00

Shaft Slot Depth:

0.0300 inches single shaft

Plus J Zso Reactance In Ohms:

1100.00

Shaft Slot Width:

0.0250 inches single shaft

Plus J Zrs Reactance In Ohms:

128.00

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

0.846 rotor to stator

Terminal Type And Quantity:

7 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800