

View Online at <https://aerobasegroup.com/nsn/5990-00-788-8600>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

0.8123 inches

Pilot Diameter:

0.5000 inches

Overall Length:

1.6310 inches

Flange Diameter:

0.9370 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.8400 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0900 inches single shaft

Shaft Length:

0.3750 inches single shaft

Body Size:

10

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

185.0 milliamperes

Rotor Input Electrical Power Rating:

2.5 watts

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:

10.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

30.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

70.00

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

Torque Gradient Per Angular Deg:

0.300 inch-ounces

Pilot Length:

0.0380 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

174.00

Shaft Slot Depth:

0.0350 inches single shaft

Plus J Zso Reactance In Ohms:

30.50

Shaft Slot Width:

0.0250 inches single shaft

Plus J Zrs Reactance In Ohms:

16.00

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

0.685 rotor to stator

Terminal Type And Quantity:

5 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800