

View Online at <https://aerobasegroup.com/nsn/5990-00-686-4899>

Body Material:

Aluminum

Body Style:

Standard round c

Shoulder Diameter:

Between 0.8118 inches and 0.8123 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.7270 inches

Flange Diameter:

Between 0.9360 inches and 0.9370 inches

Flange Thickness:

0.0630 inches

Undercut Diameter:

Between 0.8370 inches and 0.8400 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.4500 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

10

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

1.3 amperes

Rotor Input Electrical Power Rating:

33.8 watts

Zro Resistance In Ohms:

27.50

Zso Resistance In Ohms:

7.70

Zrs Resistance In Ohms:

47.00

Rotor Dc Resistance In Ohms:

16.00

Stator Dc Resistance In Ohms:

7.20

Phase Shift Angle In Deg:

5.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

17.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-7.5/+7.5

Actuator Friction Torque At Minus 55 Deg Celsius:

15.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Alignment Hole Quantity:

3

Pilot Length:

0.0400 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.2810 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:

0.0300 inches single shaft

Plus J Zrs Reactance In Ohms:

16.00

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.0500 inches

Transformation Ratio:

0.454 rotor to stator

Alignment Hole Bolt Circle Diameter:

0.6780 inches

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800