

View Online at <https://aerobasegroup.com/nsn/5990-00-043-4027>

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:

1.6160 inches

Flange Diameter:

Between 0.9360 inches and 0.9370 inches

Flange Thickness:

0.0630 inches

Undercut Diameter:

0.8400 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0895 inches single shaft and 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:

90.0 milliamperes

Rotor Input Electrical Power Rating:

440.0 milliwatts

Zro Resistance In Ohms:

54.00

Zso Resistance In Ohms:

13.00

Zrs Resistance In Ohms:

80.00

Rotor Dc Resistance In Ohms:

33.00

Stator Dc Resistance In Ohms:

11.60

Phase Shift Angle In Deg:

6.500 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-6.0 to 6.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.00 centimeter-grams

Torque Gradient Per Angular Deg:

1800.0 millimeter-milligrams

Alignment Hole Quantity:

3

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:

285.00

Shaft Slot Depth:

0.0300 inches single shaft

Plus J Zso Reactance In Ohms:

50.00

Shaft Slot Width:

0.0200 inches single shaft

Plus J Zrs Reactance In Ohms:

26.00

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.0500 inches

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

Fig:

A07800