

View Online at <https://aerobasegroup.com/nsn/5990-00-465-4903>

Body Material:

Steel, stainless

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:

1.4130 inches

Flange Diameter:

Between 0.9360 inches and 0.9370 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

Between 0.8350 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:

0.1720 inches single shaft and 0.1860 inches single shaft

Body Size:

10

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

40.0 milliamperes

Rotor Input Electrical Power Rating:

800.0 milliwatts

Zro Resistance In Ohms:

563.00

Zso Resistance In Ohms:

6.25

Zrs Resistance In Ohms:

821.00

Rotor Dc Resistance In Ohms:

321.00

Stator Dc Resistance In Ohms:

5.85

Phase Shift Angle In Deg:

8.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

50.00

Electrical Error Angular Range In Minutes:

-15.0/+15.0

Torque Gradient Per Angular Deg:

2900.0 millimeter-milligrams

Alignment Hole Quantity:

3

Pilot Length:

0.0380 inches

Shoulder Length:

0.0630 inches

Mounting Surface To Terminal End Distance:

1.2650 inches

Terminal Location:

Side

Plus J Zro Reactance In Ohms:

3080.00

Plus J Zso Reactance In Ohms:

24.80

Plus J Zrs Reactance In Ohms:

314.00

Shaft Type:

Round, flatted single shaft

Alignment Hole Depth:

0.0730 inches

Transformation Ratio:

0.103 rotor to stator

Alignment Hole Bolt Circle Diameter:

Between 0.6750 inches and 0.6810 inches

Shaft Flatted Portion Thickness:

0.0750 inches single shaft

Shaft Flatted Portion Length:

0.0880 inches single shaft and 0.0930 inches single shaft

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800