

View Online at <https://aerobasegroup.com/nsn/5990-00-059-2617>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round b

Shoulder Diameter:

Between 1.3115 inches and 1.3120 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

Between 2.0990 inches and 2.1000 inches

Flange Diameter:

Between 1.4360 inches and 1.4370 inches

Flange Thickness:

0.0930 inches

Undercut Width:

0.0780 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.5400 inches single shaft

Body Size:

15

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

115.0 milliamperes

Stator Input Electrical Power Rating:

170.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

76.00

Zso Resistance In Ohms:

13.00

Zrs Resistance In Ohms:

74.00

Rotor Dc Resistance In Ohms:

37.00

Stator Dc Resistance In Ohms:

9.20

Phase Shift Angle In Deg:

4.700 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

75.00

Electrical Error Angular Range In Minutes:

-10.0 to 10.0

Actuator Friction Torque At Minus 55 Deg Celsius:

16.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.00 centimeter-grams

Pilot Length:

0.0400 inches

Shoulder Length:

0.1320 inches

Mounting Surface To Terminal End Distance:

Between 1.5599 inches and 1.5600 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

520.00

Shaft Slot Depth:

0.0320 inches single shaft

Plus J Zso Reactance In Ohms:

8.00

Shaft Slot Width:

0.0320 inches single shaft

Plus J Zrs Reactance In Ohms:

50.00

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

1.983 rotor to stator

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800