

View Online at <https://aerobasegroup.com/nsn/5990-01-016-9256>

Body Material:

Aluminum alloy

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.7900 inches

Flange Diameter:

Between 0.7490 inches and 0.7500 inches

Flange Thickness:

Between 0.0590 inches and 0.0650 inches

Undercut Diameter:

Between 0.6880 inches and 0.6910 inches

Undercut Width:

Between 0.0590 inches and 0.0650 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.5400 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

8

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

110.0 amperes

Rotor Input Electrical Power Rating:

564.0 milliwatts

Zro Resistance In Ohms:

47.00

Zso Resistance In Ohms:

11.20

Zrs Resistance In Ohms:

83.00

Phase Shift Angle In Deg:

7.600 input to output

Receiver Error Angular Range In Minutes:

-30.0/+30.0

Actuator Friction Torque At Minus 55 Deg Celsius:

0.27 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

0.54 centimeter-grams

Torque Gradient Per Angular Deg:

2200.0 millimeter-milligrams

Pilot Length:

Between 0.0390 inches and 0.0430 inches

Mounting Surface To Terminal End Distance:

1.2400 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

256.00

Shaft Slot Depth:

0.0250 inches single shaft

Plus J Zso Reactance In Ohms:

44.00

Shaft Slot Width:

0.0200 inches single shaft

Plus J Zrs Reactance In Ohms:

19.00

Shaft Type:

Round, slotted 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