

View Online at <https://aerobasegroup.com/nsn/5990-01-255-7378>

Body Material:

Steel, stainless

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.7420 inches

Flange Diameter:

Between 0.7490 inches and 0.7500 inches

Flange Thickness:

Between 0.0570 inches and 0.0670 inches

Undercut Diameter:

Between 0.6880 inches and 0.6910 inches

Undercut Width:

Between 0.0570 inches and 0.0670 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.4230 inches single shaft and 0.4530 inches single shaft

Body Size:

8

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

0.1 amperes

Rotor Input Electrical Power Rating:

540.0 allqjaa3.500 finished-chamfered

Zro Resistance In Ohms:

54.00

Zso Resistance In Ohms:

11.30

Zrs Resistance In Ohms:

88.00

Rotor Dc Resistance In Ohms:

37.00

Stator Dc Resistance In Ohms:

12.00

Phase Shift Angle In Deg:

8.500 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-150.0/+150.0

Actuator Friction Torque At Minus 55 Deg Celsius:

36.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

12.0 centimeter-grams

Shaft Maximum Radial Play:

0.0005 inches

Shaft End Play:

Between 0.0003 inches and 0.0008 inches

Pilot Length:

0.0380 mils and 0.0480 centimeters

Mounting Surface To Terminal End Distance:

1.2410 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

260.00

Shaft Slot Depth:

0.0250 inches single shaft

Plus J Zso Reactance In Ohms:

45.00

Shaft Slot Width:

0.0200 inches single shaft

Plus J Zrs Reactance In Ohms:

22.00

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

0.454 stator to rotor

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800