

View Online at <https://aerobasegroup.com/nsn/5990-01-276-8122>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round a

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.6300 inches

Flange Diameter:

Between 0.7470 inches and 0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

Between 0.6880 inches and 0.6910 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.3660 inches single shaft and 0.3900 inches single shaft

Body Size:

8

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

52.0 milliamperes

Rotor Input Electrical Power Rating:

320.0 allqjaa3.500 finished-chamfered

Zro Resistance In Ohms:

149.00

Zso Resistance In Ohms:

30.20

Rotor Dc Resistance In Ohms:

120.00

Stator Dc Resistance In Ohms:

22.70

Phase Shift Angle In Deg:

10.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

0.014 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

0.02

Actuator Friction Torque At Minus 55 Deg Celsius:

8.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

4.0 centimeter-grams

Shaft Maximum Radial Play:

0.0005 inches

Shaft End Play:

Between 0.0003 inches and 0.0008 inches

Pilot Length:

0.0400 inches

Mounting Surface To Terminal End Distance:

1.2400 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

558.00

Shaft Slot Depth:

0.0250 inches single shaft and 0.0350 inches single shaft

Plus J Zso Reactance In Ohms:

137.00

Shaft Slot Width:

0.0200 inches single shaft and 0.0300 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

0.454 rotor to stator

Terminal Type And Quantity:

8 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800