

View Online at <https://aerobasegroup.com/nsn/5990-00-181-2220>

Body Material:

Steel, stainless

Body Style:

Standard round a

Pilot Diameter:

Between 0.4993 inches and 0.5000 inches

Overall Length:

1.7560 inches

Flange Diameter:

Between 0.7450 inches and 0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.6910 inches

Undercut Width:

0.0570 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.4850 inches single shaft and 0.5150 inches single shaft

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

6.0 degrees celsius

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

40.0 milliamperes

Stator Input Electrical Power Rating:

100.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

470.00

Zso Resistance In Ohms:

81.00

Zrs Resistance In Ohms:

590.00

Rotor Dc Resistance In Ohms:

365.00

Stator Dc Resistance In Ohms:

64.00

Phase Shift Angle In Deg:

8.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

40.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-15.0/+15.0

Actuator Friction Torque At Minus 55 Deg Celsius:

9.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

3.0 centimeter-grams

Pilot Length:

0.0430 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

1770.00

Plus J Zso Reactance In Ohms:

330.00

Plus J Zrs Reactance In Ohms:

190.00

Shaft Type:

Round single shaft

Transformation Ratio:

2.182 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