

View Online at <https://aerobasegroup.com/nsn/5990-00-056-7800>

Body Material:

Steel, stainless

Body Style:

Standard round a

Pilot Diameter:

0.6250 inches

Overall Length:

2.2970 inches

Flange Diameter:

1.0620 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

1.0000 inches

Undercut Width:

0.0500 inches

Shaft Diameter:

0.1200 inches single shaft

Shaft Length:

0.4810 inches single shaft

Body Size:

11

Stator Input Voltage Rating In Volts:

26.0

Stator Input Current Rating:

29.0 milliamperes

Stator Input Electrical Power Rating:

80.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

210.00

Zso Resistance In Ohms:

28.00

Zrs Resistance In Ohms:

250.00

Rotor Dc Resistance In Ohms:

300.00

Stator Dc Resistance In Ohms:

185.00

Phase Shift Angle In Deg:

4.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

25.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

65.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Spline Tooth Quantity:

13 single shaft

Actuator Friction Torque At Minus 55 Deg Celsius:

16.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

6.0 centimeter-grams

Pilot Length:

0.0690 inches

Mounting Surface To Terminal End Distance:

1.7320 inches

Spline Tooth Diametral Pitch:

120 single shaft

Shaft Thread Series Designator:

Unf single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

2a single shaft

Terminal Location:

Rear

Shaft Thread Length:

0.1880 inches single shaft

Plus J Zro Reactance In Ohms:

690.00

Plus J Zso Reactance In Ohms:

114.00

Plus J Zrs Reactance In Ohms:

173.00

Shaft Type:

Spline w/threads single shaft

Transformation Ratio:

0.575 rotor to stator

Shaft Thread Size:

0.120 inches single shaft

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800