

View Online at <https://aerobasegroup.com/nsn/5990-00-397-9184>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round b

Shoulder Diameter:

1.9995 inches

Pilot Diameter:

0.6000 inches

Overall Length:

4.1820 inches

Flange Diameter:

2.2500 inches

Flange Thickness:

0.2500 inches

Undercut Width:

0.2030 inches

Shaft Diameter:

0.2500 inches single shaft

Shaft Length:

0.7720 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

23

Stator Input Voltage Rating In Volts:

90.0

Stator Input Current Rating:

112.0 milliamperes

Stator Input Electrical Power Rating:

2600.0 milliwatts

Frequency In Hertz:

60.0

Zro Resistance In Ohms:

265.00

Zso Resistance In Ohms:

3.40

Zrs Resistance In Ohms:

43.00

Rotor Dc Resistance In Ohms:

351.00

Stator Dc Resistance In Ohms:

238.00

Phase Shift Angle In Deg:

13.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

75.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

100.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Spline Tooth Quantity:

21 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:

0.2100 inches

Shoulder Length:

0.2030 inches

Mounting Surface To Terminal End Distance:

3.4100 inches

Spline Tooth Diametral Pitch:

120 single shaft

Shaft Thread Series Designator:

Unc single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

2a

Terminal Location:

Rear

Shaft Thread Length:

0.3860 inches single shaft

Plus J Zro Reactance In Ohms:

1700.00

Plus J Zso Reactance In Ohms:

15.00

Plus J Zrs Reactance In Ohms:

28.00

Shaft Type:

Spline w/threads single shaft

Transformation Ratio:

0.585 rotor to stator

Shaft Thread Size:

0.250 inches single shaft

Terminal Type And Quantity:

6 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800