

View Online at <https://aerobasegroup.com/nsn/5990-01-081-3845>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round b

Shoulder Diameter:

1.3120 inches

Pilot Diameter:

0.8750 inches

Overall Length:

2.2240 inches

Flange Diameter:

1.4370 inches

Flange Thickness:

0.0930 inches

Undercut Width:

0.0780 inches

Shaft Diameter:

0.1900 inches single shaft

Shaft Length:

0.5840 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

15

Stator Input Voltage Rating In Volts:

90.0

Stator Input Current Rating:

10.0 milliamperes

Stator Input Electrical Power Rating:

140.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

880.00

Zso Resistance In Ohms:

7800.00

Zrs Resistance In Ohms:

1050.00

Rotor Dc Resistance In Ohms:

600.00

Stator Dc Resistance In Ohms:

1050.00

Phase Shift Angle In Deg:

5.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

60.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

32.00

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:

0.0400 inches

Shoulder Length:

0.1320 inches

Mounting Surface To Terminal End Distance:

1.6400 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

Terminal Location:

Rear

Shaft Thread Length:

0.2920 inches single shaft

Plus J Zro Reactance In Ohms:

5300.00

Plus J Zso Reactance In Ohms:

9512.00

Plus J Zrs Reactance In Ohms:

1300.00

Shaft Type:

Spline w/threads single shaft

Transformation Ratio:

0.735 rotor to stator

Shaft Thread Size:

0.190 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