

View Online at <https://aerobasegroup.com/nsn/5990-00-378-1449>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round b

Shoulder Diameter:

1.3120 inches

Pilot Diameter:

0.8750 inches

Overall Length:

2.2640 inches

Flange Diameter:

1.4370 inches

Flange Thickness:

0.0930 inches

Undercut Width:

0.0780 inches

Body Size:

15

Stator Input Voltage Rating In Volts:

115.0

Stator Input Current Rating:

85.0 milliamperes

Stator Input Electrical Power Rating:

1200.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

170.00

Zso Resistance In Ohms:

106.00

Zrs Resistance In Ohms:

105.00

Rotor Dc Resistance In Ohms:

225.00

Stator Dc Resistance In Ohms:

120.00

Phase Shift Angle In Deg:

5.100 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

40.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

60.00

Electrical Error Angular Range In Minutes:

-6.0/+6.0

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

Plus J Zro Reactance In Ohms:

480.00

Plus J Zso Reactance In Ohms:

744.00

Plus J Zrs Reactance In Ohms:

742.00

Shaft Type:

Spline w/threads single shaft

Transformation Ratio:

0.685 rotor to stator

Shaft Thread Size:

0.185 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