

View Online at <https://aerobasegroup.com/nsn/5990-01-010-5475>

Body Material:

Steel, stainless

Body Style:

Standard round b

Shoulder Diameter:

1.3120 inches

Pilot Diameter:

0.8750 inches

Overall Length:

2.5020 inches

Flange Diameter:

1.4370 inches

Flange Thickness:

0.0930 inches

Undercut Width:

0.0780 inches

Shaft Diameter:

0.1850 inches single shaft

Shaft Length:

0.5000 inches single shaft

Maximum Temperature Rise:

60.0 degrees celsius

Body Size:

15

Stator Input Voltage Rating In Volts:

90.0

Stator Input Current Rating:

24.0 milliamperes

Stator Input Electrical Power Rating:

60.0 milliwatts

Frequency In Hertz:

400.0

Zso Resistance In Ohms:

Between 7800.00 and 9512.00

Zrs Resistance In Ohms:

Between 1050.00 and 1300.00

Phase Shift Angle In Deg:

5.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

40.00 output

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:

0.05 inch-ounces

Alignment Hole Quantity:

4

Pilot Length:

0.0400 inches

Shoulder Length:

0.1320 inches

Mounting Surface To Terminal End Distance:

1.7720 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:

0.2000 inches single shaft

Plus J Zso Reactance In Ohms:

Between 77.80 and 84.50

Plus J Zrs Reactance In Ohms:

Between 26.00 and 33.00

Shaft Type:

Spline w/threads single shaft

Alignment Hole Depth:

0.1250 inches

Transformation Ratio:

0.735 rotor to stator

Alignment Hole Bolt Circle Diameter:

1.1000 inches

Shaft Thread Size:

0.190 inches single shaft

Terminal Type And Quantity:

5 tab w/screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800