

View Online at <https://aerobasegroup.com/nsn/5990-00-269-0499>

Body Style:

Standard round d

Shoulder Diameter:

2.7000 inches

Second Shoulder Diameter:

2.7500 inches

Second Shoulder Length:

0.3750 inches

Overall Length:

5.1000 inches

Flange Diameter:

3.1000 inches

Flange Thickness:

0.2500 inches

Body Diameter:

2.7000 inches

Shaft Diameter:

0.2400 inches single shaft

Shaft Length:

0.7000 inches single shaft

Body Size:

31

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

60.0

Rotor Input Current Rating:

462.0 milliamperes

Rotor Input Electrical Power Rating:

6.6 watts

Zrs Impedance Magnitude In Ohms:

44.00

Zrs Impedance Angle In Deg:

27.00

Phase Shift Angle In Deg:

6.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

0.35 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

0.13

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Spline Tooth Quantity:

22 single shaft

Actuator Friction Torque At Plus 25 Deg Celsius:

0.50 inch-ounces

Torque Gradient Per Angular Deg:

0.400 inch-ounces

Shoulder Length:

0.6150 inches

Aft Of First Flange Diameter:

2.7500 inches

Spline Tooth Diametral Pitch:

96 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:

0.3100 inches single shaft

Shaft Type:

Spline w/threads single shaft

Transformation Ratio:

0.783 stator to rotor

Shaft Thread Size:

0.240 inches single shaft

Terminal Type And Quantity:

4 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800