

View Online at <https://aerobasegroup.com/nsn/5990-01-331-7071>

Body Material:

Steel, stainless

Body Style:

Standard round d

Shoulder Diameter:

Between 1.9850 inches and 1.9900 inches

Pilot Diameter:

0.5950 inches

Second Shoulder Diameter:

Between 1.9985 inches and 1.9995 inches

Second Shoulder Length:

0.1700 inches

Overall Length:

4.2990 inches

Flange Diameter:

Between 2.2490 inches and 2.2500 inches

Flange Thickness:

0.2500 inches

Body Diameter:

1.9900 inches

Shaft Diameter:

0.2403 inches single shaft and 0.2405 inches single shaft

Shaft Length:

0.6660 inches single shaft and 0.6860 inches single shaft

Maximum Temperature Rise:

35.0 degrees celsius

Body Size:

23

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

60.0

Rotor Input Current Rating:

210.0 milliamperes

Rotor Input Electrical Power Rating:

5.6 watts

Zss Impedance Magnitude In Ohms:

10.00

Zss Impedance Angle In Deg:

17.00

Phase Shift Angle In Deg:

11.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

60.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

160.00

Electrical Error Angular Range In Minutes:

-8.0/+8.0

Receiver Error Angular Range In Minutes:

-45.0/+45.0

Torque Gradient Per Angular Deg:

0.120 inch-ounces

Pilot Length:

0.0430 inches

Shoulder Length:

0.2930 inches

Aft Of First Flange Diameter:

Between 1.9985 inches and 1.9995 inches

Mounting Surface To Terminal End Distance:

3.1600 inches

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:

0.3330 inches single shaft

Shaft Type:

Round, threaded single shaft

Shaft Thread Size:

0.250 inches single shaft

Terminal Type And Quantity:

5 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800