

View Online at <https://aerobasegroup.com/nsn/5990-00-484-1516>

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:

0.2380 inches single shaft and 0.2405 inches single shaft

Shaft Length:

0.7090 inches single shaft and 0.7290 inches single shaft

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

20.0 degrees celsius

Body Size:

23

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

245.0 milliamperes

Rotor Input Electrical Power Rating:

1.7 watts

Zro Impedance Magnitude In Ohms:

Between 470.00 and 580.00

Zro Impedance Angle In Deg:

Between 4.00 and 7.50

Zss Impedance Magnitude In Ohms:

Between 21.60 and 26.00

Zss Impedance Angle In Deg:

Between 42.00 and 47.00

Phase Shift Angle In Deg:

1.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

32.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

48.00

Electrical Error Angular Range In Minutes:

-6.0/+6.0

Actuator Friction Torque At Plus 25 Deg Celsius:

0.20 inch-ounces

Pilot Length:

0.0430 inches

Shoulder Length:

0.2500 inches

Aft Of First Flange Diameter:

Between 1.9985 inches and 1.9995 inches

Mounting Surface To Terminal End Distance:

3.5800 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:

0.4450 inches single shaft

Shaft Type:

Round, threaded single shaft

Transformation Ratio:

0.783 rotor to stator

Shaft Thread Size:

0.240 inches single shaft

Terminal Type And Quantity:

6 screw

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fig:

A07800