

View Online at <https://aerobasegroup.com/nsn/5990-00-113-2653>

Body Material:

Steel, stainless

Body Style:

Standard round, rotatable housing

Shoulder Diameter:

Between 1.9985 inches and 1.9995 inches

Overall Length:

4.2940 inches

Flange Diameter:

Between 2.2490 inches and 2.2500 inches

Flange Thickness:

Between 0.2480 inches and 0.2500 inches

Body Diameter:

Between 1.9985 inches and 1.9995 inches

Shaft Diameter:

0.2403 inches single shaft and 0.2405 inches single shaft

Shaft Length:

0.7390 inches single shaft and 0.7650 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

23

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

50.0

Rotor Input Current Rating:

160.0 milliamperes

Rotor Input Electrical Power Rating:

5.0 watts

Zro Impedance Magnitude In Ohms:

800.00

Zro Impedance Angle In Deg:

79.00

Phase Shift Angle In Deg:

9.500 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

0.15

Electrical Error Angular Range In Minutes:

-10.0 to 10.0

Spline Tooth Quantity:

22 single shaft

Torque Gradient Per Angular Deg:

0.090 inch-ounces

Shoulder Length:

Between 0.4120 inches and 0.4220 inches

Mounting Surface To Terminal End Distance:

2.8830 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:

0.3870 inches single shaft

Shaft Type:

Spline w/threads single shaft

Transformation Ratio:

9.783 stator to rotor

Shaft Thread Size:

0.240 inches single shaft

Terminal Type And Quantity:

5 screw

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fig:

A07800