

View Online at <https://aerobasegroup.com/nsn/5990-00-702-2873>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round b

Shoulder Diameter:

Between 2.6840 inches and 2.6900 inches

Pilot Diameter:

Between 1.4995 inches and 1.5000 inches

Overall Length:

Between 6.6340 inches and 6.6400 inches

Flange Diameter:

Between 2.9590 inches and 2.9620 inches

Flange Thickness:

Between 0.1570 inches and 0.1630 inches

Undercut Width:

0.1250 inches

Shaft Diameter:

0.2403 inches single shaft and 0.2405 inches single shaft

Shaft Length:

0.7000 inches single shaft

Maximum Temperature Rise:

60.0 degrees celsius

Body Size:

30

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

1.5 amperes

Rotor Input Electrical Power Rating:

10.0 watts

Maximum Fundamental Null Voltage In Millivolts Per Volt:

50.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

125.00

Electrical Error Angular Range In Minutes:

-10.0/+10.0

Spline Tooth Quantity:

22 single shaft

Torque Gradient Per Angular Deg:

0.600 inch-ounces

Pilot Length:

Between 0.0590 inches and 0.0650 inches

Shoulder Length:

Between 0.2240 inches and 0.2300 inches

Mounting Surface To Terminal End Distance:

Between 5.6450 inches and 5.6510 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 rotor to stator

Shaft Thread Size:

0.239 inches single shaft

Terminal Type And Quantity:

6 screw

Specification Or Standard:

2008987-10001 grade

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800