

View Online at <https://aerobasegroup.com/nsn/5990-00-677-6486>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round, rotatable stator b

Shoulder Diameter:

Between 1.5615 inches and 1.5620 inches

Pilot Diameter:

0.9375 inches

Overall Length:

3.7330 inches

Flange Diameter:

Between 1.7490 inches and 1.7500 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 inches

Undercut Width:

0.0780 inches

Body Diameter:

1.9000 inches

Shaft Diameter:

0.1870 inches single shaft and 0.1872 inches single shaft

Shaft Length:

0.5450 inches single shaft and 0.5650 inches single shaft

Body Size:

20

Stator Input Voltage Rating In Volts:

90.0

Stator Input Current Rating:

7.0 milliamperes

Stator Input Electrical Power Rating:

250.0 milliwatts

Frequency In Hertz:

400.0

Phase Shift Angle In Deg:

3.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

35.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

65.00

Electrical Error Angular Range In Minutes:

-8.0/+8.0

Spline Tooth Quantity:

21 single shaft

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0006 inches

Shaft End Play:

0.0030 inches

Pilot Length:

Between 0.0370 inches and 0.0430 inches

Shoulder Length:

Between 0.1290 inches and 0.1350 inches

Mounting Surface To Terminal End Distance:

3.3300 inches

Spline Tooth Diametral Pitch:

120 single shaft

Shaft Maximum Runout:

0.0008 inches

Shaft Thread Series Designator:

Unf single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

2a

Terminal Location:

Rear

Shaft Type:

Spline w/threads single shaft

Transformation Ratio:

Between 0.721 rotor to stator and 0.749 rotor to stator

Shaft Thread Size:

0.1900 inches single shaft

Shaft Radial Play Determining Weight:

16.0 ounces

Shaft End Play Determining Weight:

16.0 ounces

Terminal Type And Quantity:

5 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A07800