NSN 5990-00-677-6486

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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

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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:
Demilitarization:
Yes - demil/mli
Fiig:

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