NSN 5990-00-983-7530

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View Online at https://aerobasegroup.com/nsn/5990-00-983-7530 **Body Material:** Any acceptable **Body Style:** Standard round c **Shoulder Diameter:** Between 1.3114 inches and 1.3120 inches **Pilot Diameter:** Between 0.8745 inches and 0.8750 inches **Overall Length:** Between 2.4890 inches and 2.5150 inches Flange Diameter: Between 1.4340 inches and 1.4400 inches Flange Thickness: Between 0.0900 inches and 0.0960 inches **Undercut Diameter:** Between 1.3090 inches and 1.3150 inches **Undercut Width:** 0.0780 inches **Shaft Diameter:** 0.1870 inches single shaft and 0.1872 inches single shaft **Shaft Length:** 0.6220 inches single shaft and 0.6420 inches single shaft **Securing Hole Quantity: Body Size:** 15 **Rotor Input Voltage Rating In Volts:** 115.0 Frequency In Hertz: 400.0 **Rotor Input Current Rating:** 200.0 milliamperes **Rotor Input Electrical Power Rating:** 3.1 watts **Zro Impedance Magnitude In Ohms:** 675.50 **Zro Impedance Angle In Deg:** 83.50 **Rotor Dc Resistance In Ohms:** 53.00 Stator Dc Resistance In Ohms:

44.00

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Phase Shift Angle In Deg:

4.600 input to output

Electrical Error Angular Range In Minutes:

-3.0/+3.0

Spline Tooth Quantity:

21 single shaft

Receiver Error Angular Range In Minutes:

-45.0/+45.0

Actuator Friction Torque At Plus 25 Deg Celsius:

0.05 inch-ounces

Torque Gradient Per Angular Deg:

0.030 inch-ounces

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:

Between 1.7690 inches and 1.7750 inches

Spline Tooth Diametral Pitch:

120 single shaft

Shaft Thread Series Designator:

Unf single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

2a single shaft

Mounting Facility Screw Thread Series Designator:

Unc

Terminal Location:

Rear

Shaft Thread Length:

0.2000 inches single shaft

Shaft Type:

Spline w/threads single shaft

Alignment Hole Depth:

0.1250 inches

Mounting Facility Screw Thread Diameter:

0.112 inches

Transformation Ratio:

0.767 rotor to stator

Alignment Hole Bolt Circle Diameter:

1.1030 inches

Shaft Thread Size:

0.190 inches single shaft

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Terminal	Type	And	Quantity:
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5 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800