

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:

4

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

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

Terminal Type And Quantity:

5 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800