

View Online at <https://aerobasegroup.com/nsn/5990-00-677-6462>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

0.9750 inches

Pilot Diameter:

0.6250 inches

Overall Length:

1.8560 inches

Flange Diameter:

1.0620 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

1.0000 inches

Undercut Width:

0.0600 inches

Shaft Diameter:

1.8560 inches single shaft

Shaft Length:

0.4930 inches single shaft

Body Size:

11

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

86.0 milliamperes

Stator Input Electrical Power Rating:

250.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

140.00

Zso Resistance In Ohms:

23.50

Zrs Resistance In Ohms:

157.00

Rotor Dc Resistance In Ohms:

99.00

Stator Dc Resistance In Ohms:

14.50

Phase Shift Angle In Deg:

4.300 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

15.00 input

Maximum Total Null Voltage Output In Millivolts Per Volt:

18.00

Spline Tooth Quantity:

21 single shaft

Actuator Friction Torque At Plus 25 Deg Celsius:

0.06 inch-ounces

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0006 inches

Shaft End Play:

0.0006 inches

Pilot Length:

0.0620 inches

Shoulder Length:

0.0620 inches

Mounting Surface To Terminal End Distance:

1.7320 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 Thread Length:

0.2430 inches single shaft

Plus J Zro Reactance In Ohms:

713.00

Plus J Zso Reactance In Ohms:

146.00

Plus J Zrs Reactance In Ohms:

74.60

Shaft Type:

Spline w/threads single shaft

Transformation Ratio:

2.203 rotor to stator

Shaft Thread Size:

0.190 inches single shaft

Terminal Type And Quantity:

5 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800