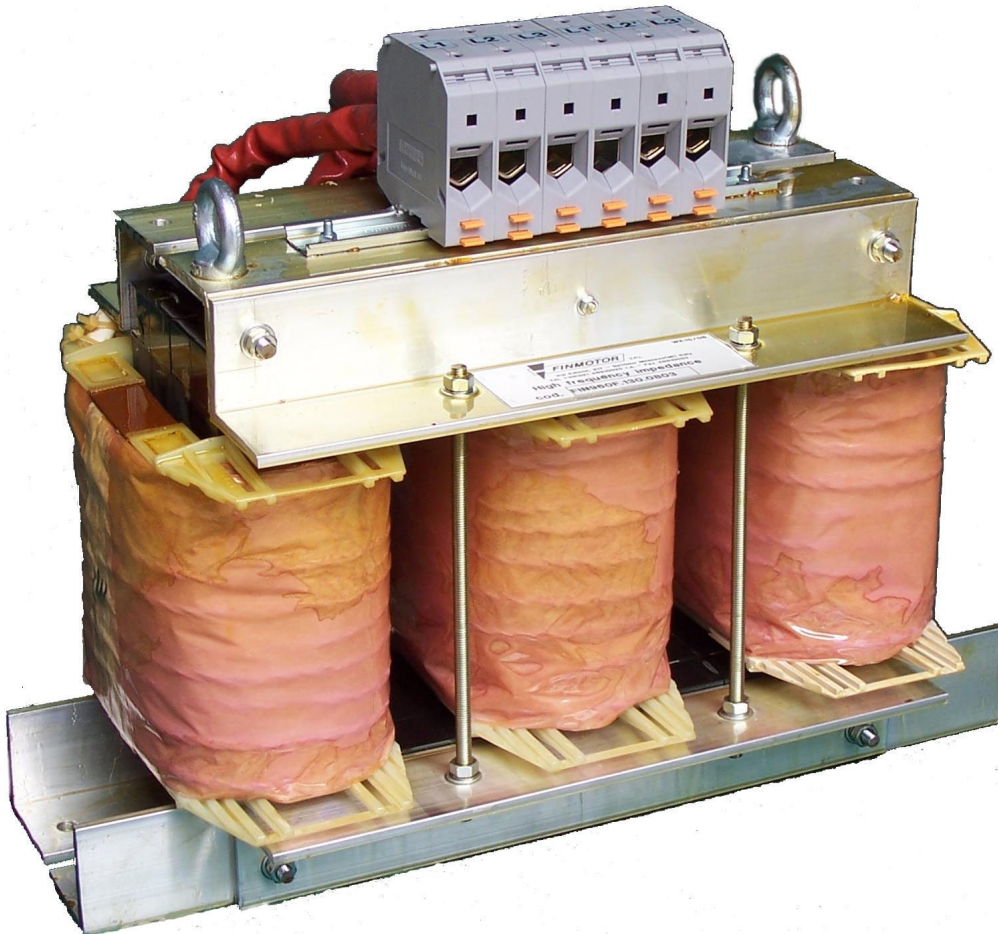


FIN 960F

High Frequency impedance For synchronous electrospindle



- **HIGH LINEARITY VERSUS FREQUENCY**
- **HIGH LINEARITY VERSUS CURRENT**
- **NO HEATING ON THE CORE**



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DESCRIPTION

The application of FIN960F is mainly with synchronous electrospindle when it is necessary to insert an inductive load between drive and motor to prevent dangerous high voltage on the motor.

This application has critical points in terms of heating on the core due to the high frequencies used in these applications.

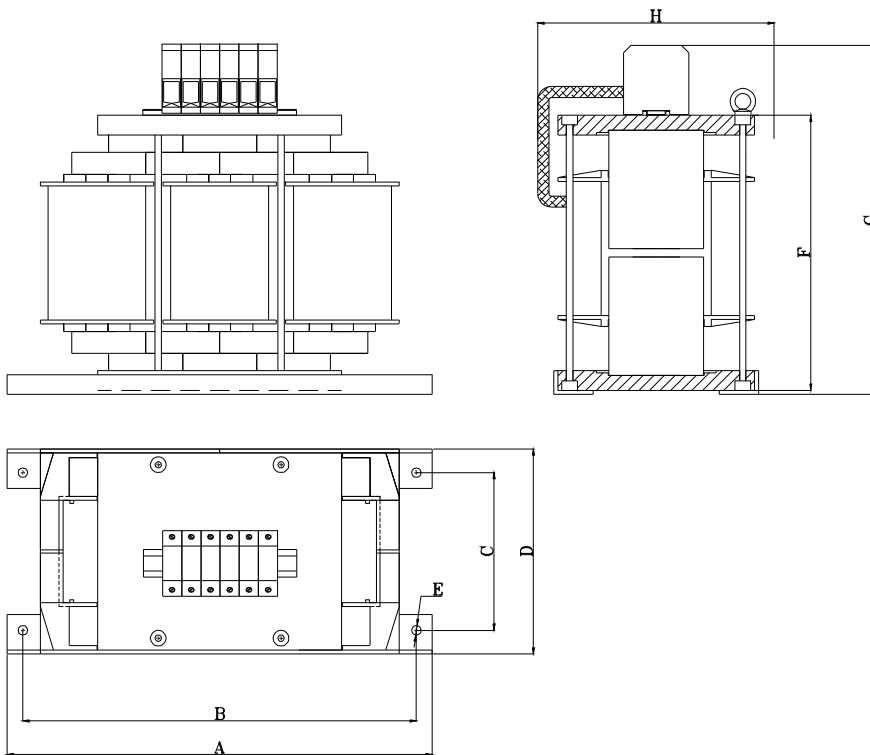
Other issue very important comes from the linearity versus frequency and the linearity versus current of the inductive value.

FIN960F series guarantees a very high performance looking at these points, in particular the heating on the core is very low, with maximum level of temperature around 75°C considering an ambient temperature of 40°C.

The material used guarantees a very high level of linearity versus current and frequency.

The product is designed on the application demand.

Some examples



Model	I nom (A)	L nom (mH)	A	B	C	D	E	F	G	H
FIN960F.080.M02	80	0,2	400	370	170	230	Ø 12	273	340	300
FIN960F.130.M03	130	0,3	540	500	200	260	Ø 12	350	450	300
FIN960F.130.M08	130	0,8	540	500	200	260	Ø 12	350	450	300

Dimensions in mm



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