

FORM F 108  
Revision: 04  
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Product specification  
for inductive components

MAGNETEC GmbH  
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Client:	Magnetec GmbH	Magnetec P/N:	M-972	Magnetec A/N:	12754
Client's P/N:	/	PS Index:	01	PS Revision:	01
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent round core:

133 x 104 x 20

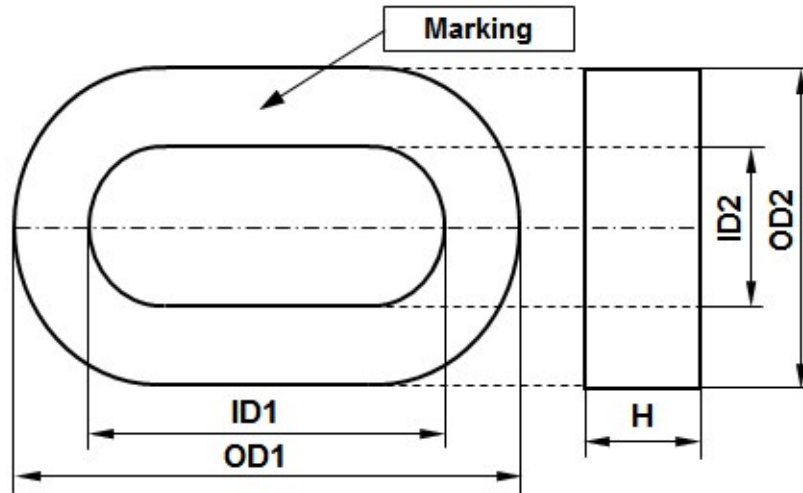
Finished product dimensions:

OD  $\leq$  172(OD1); 78(OD2)

ID  $\geq$  131(ID1), 37(ID2)

H  $\leq$  25

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 36,7 \text{ cm}$	$A_{Fe} = 2,17 \text{ cm}^2$
Permeability level:	12 000	@ frequency 10 kHz	@ H peak 3 mA/cm

3. Inspection values (at room temperature, unless otherwise stated)

Measured value	Measurement limits	Frequency	$l_{eff} \times N$ [mA x turn]
AL [ $\mu$ H]	6,1 - 12,2	10 kHz	78
AL [ $\mu$ H]	4,5 - NA	100 kHz	78

4. Core finishing

Type:	Cased
Marking:	MAGNETEC M-972-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	4 pcs. per layer; 3 layers per carton box; PU = 12 pcs.

5. Comments

Visit [http://www.magnetec.de/fileadmin/pdf/pb\\_ds.pdf](http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf) for further information.

Index / Revision	Alteration	Date
01 / 01	First issue	25.08.2015

Created:	Z. Palánki 25.08.2015	Approved (Techn):	F. Záborszky 31.08.2015	Approved (Quality):	J. Gulyás 31.08.2015	Released:	T. Trupp 31.08.2015
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