

FORM F 108  
Revision: 05  
Page: 1/1

Product specification  
for inductive components

MAGNETEC GmbH  
Industriestrasse 7  
D-63505 Langenselbold

Client:	MAGNETEC GmbH	Magnetec P/N:	M-117	Magnetec A/N:	12343
Client's P/N:	/	PS Index:	04	PS Revision:	04
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent round core:

200 x 175 x 30

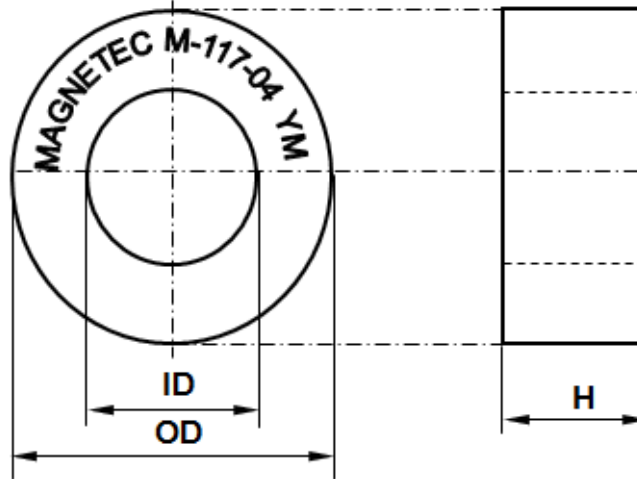
Finished product dimensions:

OD ≤ 208,0

ID ≥ 166,0

H ≤ 37,0

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 58,82 \text{ cm}$	$A_{Fe} = 2,74 \text{ cm}^2$
Permeability level:	~30 000	@ frequency 10 kHz	@ H peak 3,13 mA/cm

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

Measured value	Measurement limits	Frequency	$l_{eff} \times N$ [mA x turn]
AL [ $\mu\text{H}$ ]	12,3 - 24,6	10 kHz	130
AL [ $\mu\text{H}$ ]	7.2 - NA	100 kHz	130

4. Core finishing

Type:	Cased
Marking:	MAGNETEC M-117-04 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	1 pcs. per layer; 2 layers per carton box ; PU = 2 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
04 / 01	Product Specification	13.01.2006
04 / 02	New form, $A_{Fe} = 2,74 \text{ cm}^2$	25.09.2008
04 / 03	100kHz lower limit defined	19.05.2014
04 / 04	100 kHz lower limit increased	16.10.2018

Created:	Z. Palánki 16.10.2018	Approved (Techn):	F. Záborszky 13.11.2018	Approved (Quality):	R. Montvai 25.10.2018	Released:	P. Seiz 19.11.2018
----------	--------------------------	-------------------	----------------------------	---------------------	--------------------------	-----------	-----------------------

Disclosing the specification to third parties or using its content without written permission from MAGNETEC is strictly forbidden and every offender is liable to pay the corresponding damages