

FORM F 108  
Revision: 05  
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Product specification  
for inductive components

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Client:	MAGNETEC	Magnetec P/N:	M-205	Magnetec A/N:	12718
Client's P/N:	/	PS Index:	06	PS Revision:	02
Subject:	EMC Wandler				

1. Mechanical Outline

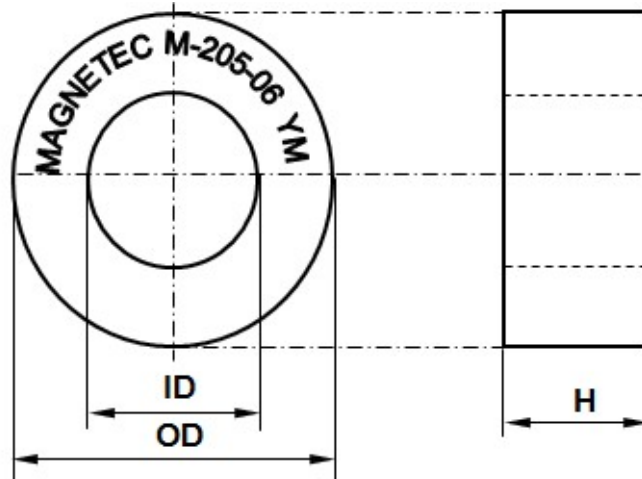
Nominal equivalent round core:

300 x 250 x 30

Finished product dimensions:

OD  $\leq$  305  
ID  $\geq$  246,5  
H  $\leq$  37

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 86,4 \text{ cm}$	$A_{Fe} = 4,67 \text{ cm}^2$
Permeability level:	30 000	@ frequency 10 kHz	@ H peak 3 mA/cm

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

Measured value	Measurement limits	Frequency	leff x N [mA x turn]
AL [ $\mu$ H]	14,3 - 28,5	10 kHz	185
AL [ $\mu$ H]	7,2 - NA	100 kHz	185

4. Core finishing

Type:	Cased
Marking:	MAGNETEC M-205-06 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
06 / 01	First issue	20.03.2015
06 / 02	Height change from 35mm to 37mm	14.10.2019

Created:	J. Tótk 14.10.2019	Approved (Techn):	F. Záborszky 17.10.2019	Approved (Quality):	Sz. Ilcsik 14.10.2019	Released:	B. Kessler 19.10.2019
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