

## Product specification for inductive components

Form: MF04.05 (F108)  
Revision: 01

<b>Client:</b>	<b>MAGNETEC</b>	<b>Magnetec P/N:</b>	<b>M-716</b>	<b>Magnetec A/N:</b>	<b>12713</b>
<b>Client's P/N:</b>	/	<b>PS Index:</b>	<b>02</b>	<b>PS Revision:</b>	<b>03</b>
<b>Subject:</b>	<b>EMC Wandler</b>				

### 1. Mechanical Outline

Nominal equivalent round core:

**160 x 130 x 30**

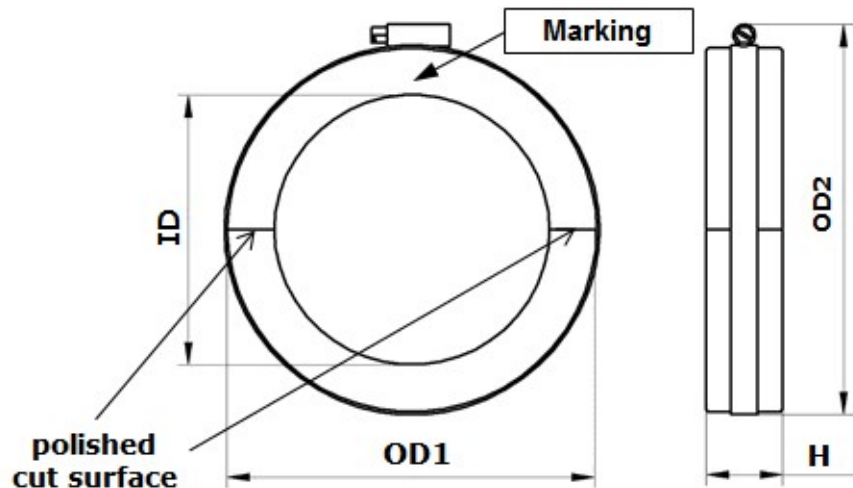
Finished product dimensions:

OD  $\leq$  **165 (OD1) / 180 (OD2)**

ID  $\geq$  **120**

H  $\leq$  **34**

[dimensions] = mm



### 2. Core data (nominal values)

Core material:	<b>NANOPERM®</b>	$L_{Fe} = \sim 45 \text{ cm}$	$A_{Fe} = 3,24 \text{ cm}^2$
Permeability level:	$\geq 10\ 000$	@ frequency <b>10 kHz</b>	@ H peak <b>3,12 mA/cm</b>

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

Measured value	Measurement limits	Frequency	leff x N [mA x turn]
<b>AL [<math>\mu</math>H]</b>	<b>9,1 - NA</b>	<b>10 kHz</b>	<b>100</b>

### 4. Core finishing

Type:	<b>Impregnated into case and cut into halves, cut surface is polished, fixed by hose clamp</b>
Marking:	<b>MAGNETEC M-716-02 YM (YM = Year/Month), acc. to IEC 60062 6.1.1</b>
Packaging:	<b>1 pcs. per layer; 5 layers per carton box; PU = 5 pcs.</b>

### 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	12.03.2015
01 / 02	LFe correction	12.03.2015
02 / 03	Permeability and AL window defined for final product, clamp added	15.09.2016

<b>Created:</b>	Z. Palánki 15.09.2016	<b>Approved (Techn):</b>	F. Zámbořský 12.05.2017	<b>Approved (Quality):</b>	G. Zsák 12.05.2017	<b>Released:</b>	P. Seiz 24.05.2017
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