



## Product specification for inductive components

Form: MF04.05 (F108)  
Revision: 01

<b>Client:</b>	<b>MAGNETEC GmbH</b>	<b>Magnetec P/N:</b>	<b>M-289</b>	<b>Magnetec A/N:</b>	<b>12217</b>
<b>Client's P/N:</b>		<b>PS Index:</b>	<b>02</b>	<b>PS Revision:</b>	<b>02</b>
<b>Subject:</b>	<b>EMC Wandler</b>				

### 1. Mechanical Outline

Nominal equivalent round core:

**160 x 130 x 25**

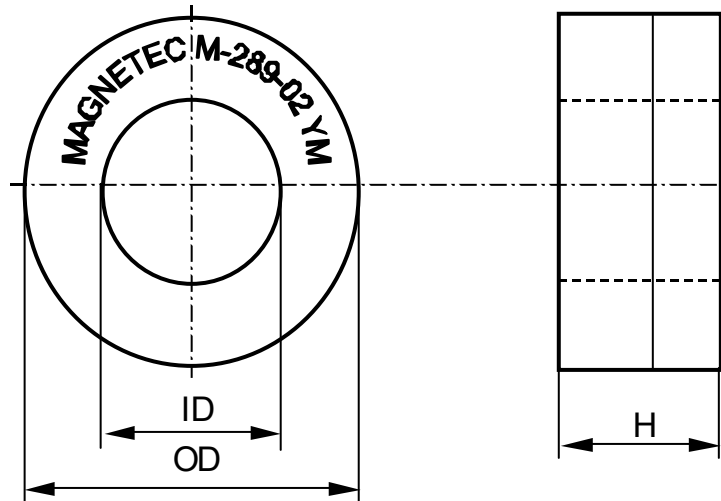
Finished product dimensions:

OD ≤ **165,0**

ID ≥ **123,0**

H ≤ **30,0**

[dimensions] = mm



### 2. Core data (nominal values)

Core material:	<b>NANOPERM®</b>	$L_{Fe} = 45,39 \text{ cm}$	$A_{Fe} = 2,74 \text{ cm}^2$
Permeability level:	<b>~30 000</b>	@ 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	$I_{eff} \times N$ [mA x turn]
<b>AL [μH]</b>	<b>17,0 - 35,0</b>	<b>10 kHz</b>	<b>100</b>

### 4. Core finishing

Type:	<b>cased</b>
Marking:	<b>"MAGNETEC M-289-02 YM" (YM: Production year &amp; month)</b>
Packaging:	<b>1 pcs. per layer; 6 layers per carton box; PU = 6 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 / 00	Product specification	21.06.2004
02 / 01	New case	01.03.2005
02 / 02	New format; PU = 6 pcs.	03.10.2007

<b>Created:</b>	Á. Kovách 03.10.2007	<b>Approved (Techn):</b>	F. Zámbořský 20.10.2007	<b>Approved (Quality):</b>	V. Káposztás 22.10.2007	<b>Released:</b>	F. Rauscher 22.10.2007
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