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<b>Client:</b>	<b>MAGNETEC</b>	<b>Magnetec P/N:</b>	<b>M-686</b>		
<b>Client's P/N:</b>	/	<b>PS Index:</b>	<b>01</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 30**

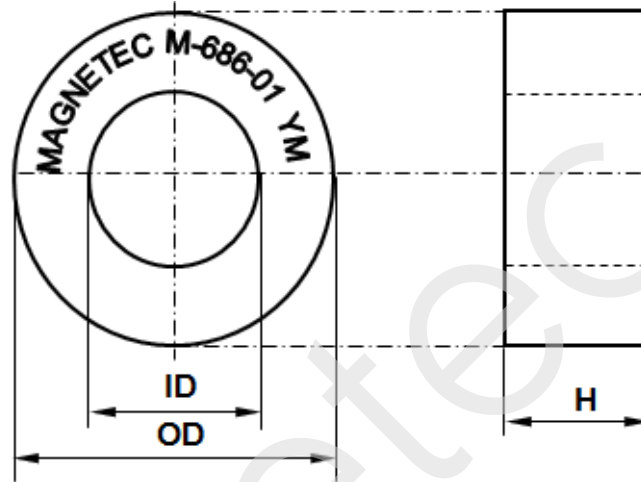
Finished product dimensions:

OD  $\leq$  166,0

ID  $\geq$  122,5

H  $\leq$  34,0

[dimensions] = mm



### 2. Core data (nominal values)

Core material:	<b>NANOPERM®</b>	$L_{Fe} = 44,98 \text{ cm}$	$A_{Fe} = 3,50 \text{ cm}^2$
Permeability level:	<b>4.000</b>	@ frequency <b>10 and 100 kHz</b>	@ H peak <b>3 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>2,74 - 5,47</b>	<b>10 and 100 kHz</b>	<b>95,0</b>

### 4. Core finishing

Type:	<b>Cased</b>
Marking:	<b>MAGNETEC M-686-01 YM (YM = Year/Month), acc. to IEC 62 5.1</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	Product Specification	28.02.2012
01 / 02	Finished dimensions corrected	18.06.2012

<b>Created:</b>	Z. Palánki 18.06.2012	<b>Approved (Techn):</b>	F. Zámbořszky 25.06.2012	<b>Approved (Quality):</b>	J. Gulyás 25.06.2012	<b>Released:</b>	F. Rauscher 25.06.2012
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