

<b>FORM</b> Identifier: F 108 Revision: 04 Page: 1/1	<b>Product specification          for inductive components</b>	<b>MAGNETEC GmbH</b> Industriestrasse 7 D-63505 Langenselbold
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<b>Client:</b>	MAGNETEC GmbH	<b>Magnetec P/N:</b>	M-116	<b>Magnetec A/N:</b>	12158
<b>Client's P/N:</b>	/	<b>PS Index:</b>	03	<b>PS Revision:</b>	05
<b>Subject:</b>	EMC Wandler			<b>Type:</b>	E

1. Mechanical Outline	
Nominal core dimensions: <b>160 x 130 x 30</b>  Finished product dimensions: OD ≤ 165,0 ID ≥ 123,0 H ≤ 34,0  [dimensions] = mm	

2. Core data (nominal values)			
Core material:	NANOPERM®	$L_{Fe} = 45,39 \text{ cm}$	$A_{Fe} = 3,24 \text{ cm}^2$
Permeability level:	~30 000	@ frequency 10 kHz	@ H peak 3,12 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	leff x N [mA x turn]
	AL [μH]	20,9 - 45,0	10 kHz	100
	AL [μH]	10,5 - NA	100 kHz	100

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-116-03 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	1 pcs. per layer; 5 layers per carton box ; PU = 5 pcs.

5. Comments:	

Index / Revision	Alteration	Date
03 / 01	Moulded case	10.06.2005
03 / 02	New form	02.03.2007
03 / 03	PU = 5 pcs	30.08.2007
03 / 04	OD ≤ 165,0 mm, ID ≥ 123,0mm, H ≤ 34,0 mm	25.09.2008
03 / 05	100kHz lower limit defined	10.05.2014

<b>Created:</b>	Z. Palánki	<b>Approved (Techn):</b>	F. Záborszky	<b>Approved (Quality):</b>	J. Gulyás	<b>Released:</b>	T. Trupp
	10.05.2014		23.05.2014		23.05.2014		23.05.2014