

FORM F 108  
Revision: 05  
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Product specification  
for inductive components

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Client:	MAGNETEC GmbH	Magnetec P/N:	M-116	Magnetec A/N:	12158
Client's P/N:	/	PS Index:	03	PS Revision:	06
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent round core:

160 x 130 x 30

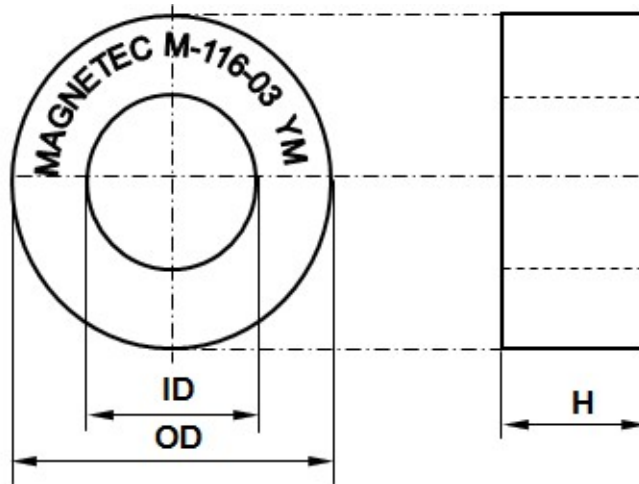
Finished product dimensions:

OD  $\leq$  165,0

ID  $\geq$  123,0

H  $\leq$  34,0

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 45,39$ cm	$A_{Fe} = 3,24$ cm <sup>2</sup>
Permeability level:	~30 000	@ frequency 10 kHz	@ H peak 3,12 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]	20,9 - 45,0	10 kHz	100
AL [ $\mu$ H]	12,6 - 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

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
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 $\leq$ 165,0 mm, ID $\geq$ 123,0mm, H $\leq$ 34,0 mm	25.09.2008
03 / 05	100kHz lower limit defined	10.05.2014
03 / 06	Increase 100kHz lower limit by 20%	25.04.2018

Created:	J. Tótk 25.04.2018	Approved (Techn):	F. Záborszky 28.06.2018	Approved (Quality):	R. Montvai 08.05.2018	Released:	B. Kessler 27.11.2018
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