

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:	07
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent round core:

160 x 130 x 30

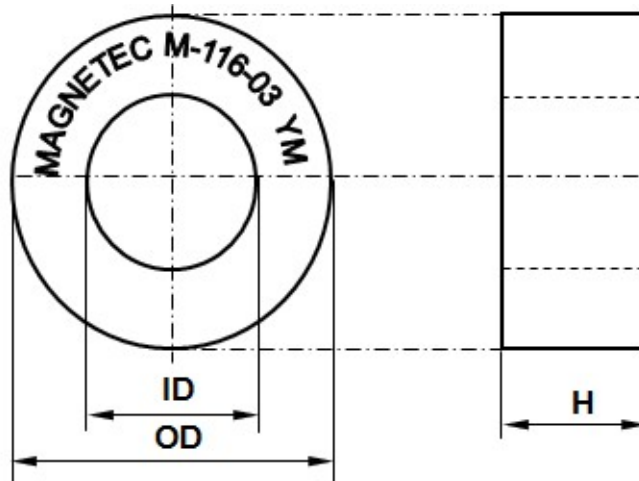
Finished product dimensions:

OD \leq 165,0

ID \geq 123,0

H \leq 35,0

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 45,39$ cm	$A_{Fe} = 3,24$ cm ²
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 [μ H]	20,9 - 45,0	10 kHz	100
AL [μ 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 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
03 / 07	Change the dimension of height	26.02.2019

Created:	Z. Braxátor	Approved (Techn):	F. Záborszky	Approved (Quality):	G. Zsák	Released:	B. Kessler
	26.02.2019		10.04.2019		10.04.2019		12.04.2019

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