Magnetec	**Product specification for inductive components**	Form: Revision:	MF04.05 (F108) 02

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Client:	**MAGNETEC GmbH**	**Magnetec P/N:**	**M-006**		
Client's P/N:	**/**	**PS Index:**	**06**	**PS Revision:**	**05**
Subject:	**EMC Wandler**				

1. Mechanical Outline

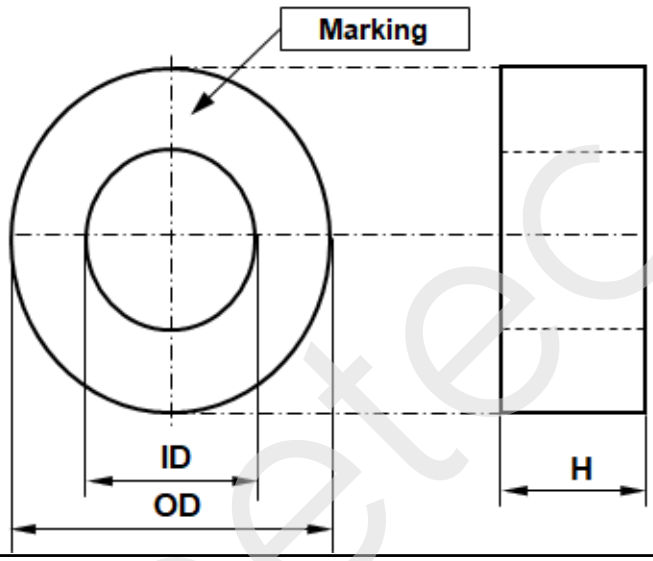
Nominal equivalent round core:

40 x 25 x 15

Finished product dimensions:

OD ≤ **42,3**
ID ≥ **22,3**
H ≤ **17,3**

[dimensions] = mm



2. Core data (nominal values)

Core material:	**NANOPERM®**	L_{Fe} = **9,9 cm**	A_{Fe} = **0,8 cm²**
Permeability level:	**30 000**	@ frequency **10 kHz**	@ H peak **3,5 mA/cm**

3. Inspection values (at room temperature, unless otherwise stated)

Measured value	Measurement limits	Frequency	leff x N [mA x turn]
AL [µH]	**22 - 44**	**10 kHz**	**25**
AL [µH]	**13,2 - NA**	**100 kHz**	**25**

4. Core finishing

Type:	**Epoxy coated**
Marking:	**MAGNETEC M-006-06 YM (YM = Year/Month), acc. to IEC 60062 6.1.1**
Packaging:	**24 pcs. per layer; 4 layers per carton box; PU = 96 pcs.**

5. Comments

Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Revision	Alteration	Date
05 / 01	Product Specification	24.04.2002
06 / 02	New form / PU = 120 pcs.	17.11.2008
06 / 03	PU=96	15.01.2014
06 / 04	Define 100kHz lower limit	26.08.2014
06 / 05	Increase 100kHz lower limit by 20%	06.03.2018

Created:	J. Tótik 06.03.2018	**Approved (Techn):**	F. Zámborszky 12.05.2018	**Approved (Quality):**	G. Zsák 12.05.2018	**Released:**	P. Seiz 21.09.2018

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