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

Client:	**MAGNETEC**	**Magnetec P/N:**	**M-853**		
Client's P/N:	/	**PS Index:**	**02**	**PS Revision:**	**02**
Subject:	**EMC Wandler**				

1. Mechanical Outline

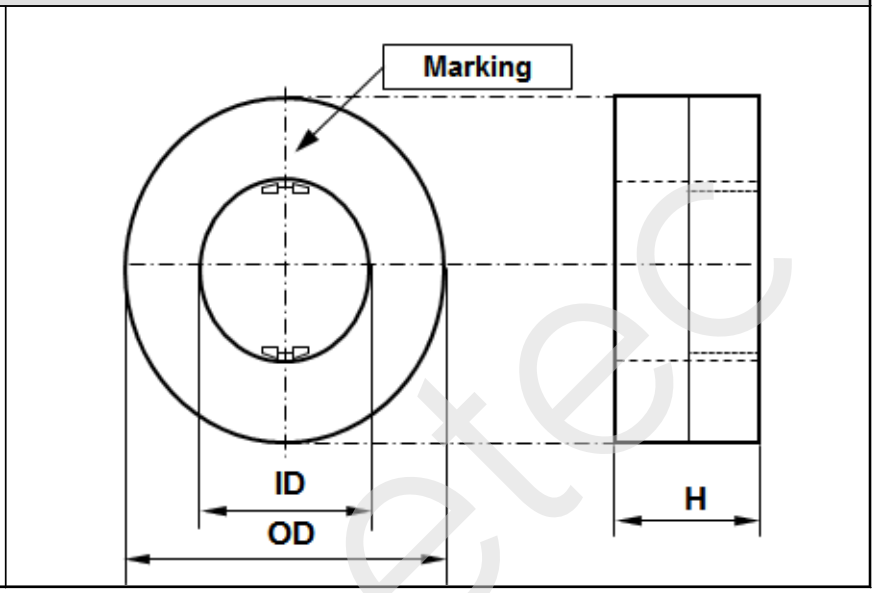
Nominal equivalent round core:

25 x 20 x 10

Finished product dimensions:

OD ≤ **27,8**
ID ≥ **17,0**
H ≤ **12,6**

[dimensions] = mm



2. Core data (nominal values)

Core material:	**NANOPERM®**	L_{Fe} = **7,1 cm**	A_{Fe} = **0,20 cm²**
Permeability level:		@ frequency	@ H peak
	ca. 90 000	**10 kHz**	**3 mA/cm**

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

Measured value	Measurement limits	Frequency	leff x N [mA x turn]
AL [µH]	**22,5 - 41,3**	**10 kHz**	**15**
AL [µH]	**5,6 - NA**	**100 kHz**	**15**

4. Core finishing

Type:	**Core glued into case**
Marking:	**MAGNETEC M-853-02 YM (YM = Year/Month), acc. to IEC 60062 6.1.1**
Packaging:	**63 pcs. per layer; 6 layers per carton box; PU = 378 pcs.**

5. Comments

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

Index / Revision	Alteration	Date
01 / 01	Product Specification	02.02.2012
02 / 02	Case change (blue), 10kHz upper limit changed and 100kHz lower lower limit defined	31.08.2015

Created:	Z. Palánki 31.08.2015	**Approved (Techn):**	F. Zámborszky 04.09.2015	**Approved (Quality):**	J. Gulyás 04.09.2015	**Released:**	T. Trupp 01.10.2015