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

Client:	**MAGNETEC**	**Magnetec P/N:**	**M-030**		
Client's P/N:		**PS Index:**	**05**	**PS Revision:**	**06**
Subject:	**EMC Wandler**				

1. Mechanical Outline

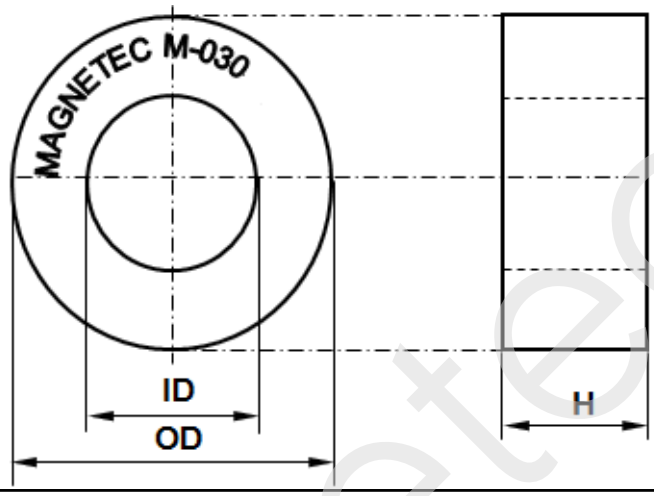
Nominal equivalent round core:

30 x 20 x 15

Finished product dimensions:

OD ≤ **32.3**
ID ≥ **17.5**
H ≤ **17.3**

[dimensions] = mm



2. Core data (nominal values)

Core material:	**NANOPERM®**	L_{Fe} = **7.85 cm**	A_{Fe} = **0.6 cm²**
Permeability level:		@ frequency	@ H peak
	30 000	**10 kHz**	**mA/cm**

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

Measured value	Measurement limits	Frequency	Ieff x N [mA x turn]
AL [µH]	**17.4 - 33.0**	**10 kHz**	**0.15V**
AL [µH]	**10.44 - NA**	**100 kHz**	**0.15V**
Pfe [W/kg]	**≤ 90**	**50 kHz**	**0.6T**

4. Core finishing

Type:	**Epoxy coated**
Marking:	**MAGNETEC M- 030-05 YM (YM = Year/Month), acc. to IEC 60062:2004 6.1.1**
Packaging:	**36 pcs. per layer; 4 layers per carton box; PU = 144 pcs.**

5. Comments

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

Index / Revision	Alteration	Date
04/04	100 kHz lower limit increased	05.12.2018
05/04	Upper 10 kHz value revised	26.09.2021
05/05	Power loss limit added	11.01.2022
05/06	Change measuring point of power loss	10.10.2022

Created:	George Yuanqi Shao 10.10.2022	**Approved (Techn):**	P. Seiz 21.11.2022	**Approved (Quality):**	Jacky Jianning Chen 21.11.2022	**Released:**	George Yuanqi Shao 21.11.2022