



Product specification for inductive components

Form: MF04.05 (F108)
Revision: 01

Client:	MAGNETEC	Magnetec P/N:	M-030	Magnetec A/N:	12983
Client's P/N:		PS Index:	05	PS Revision:	05
Subject:	EMC Wandler				

1. Mechanical Outline

Nominal equivalent round core:

30 x 20 x 15

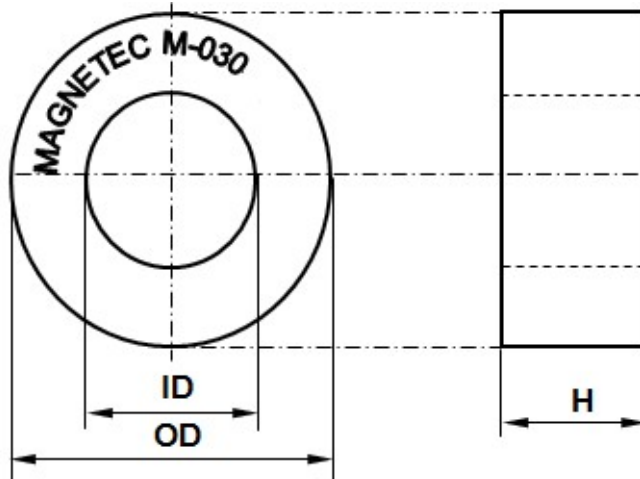
Finished product dimensions:

OD \leq **32.3**

ID \geq **17.5**

H \leq **17.3**

[dimensions] = mm



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 7,85 \text{ cm}$	$A_{Fe} = 0,6 \text{ cm}^2$
Permeability level:	30.000	@ frequency 10 kHz	@ H peak 2,7 mA/cm

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

Measured value	Measurement limits	Frequency	leff x N [mA x turn]
AL [μH]	17,4 - 33,0	10 kHz	15
AL [μH]	10.44 - NA	100 kHz	15
Pfe [W]	≤ 3.95	100 kHz, 0.3T	

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

Created:	P. Seiz 11.01.2022	Approved (Techn):	San Yusen Zhou 27.01.2022	Approved (Quality):	Jacky Jianning Chen 13.01.2022	Released:	P. Seiz 15.02.2022
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