



Client:	MAGNETEC	Magnetec P/N:	M-177	Magnetec A/N:	12213
Client's P/N:	/	PS Index:	01	PS Revision:	02
Subject:	EMC Wandler			Type:	

1. Mechanical Outline

Nominal core dimensions:

50 x 40 x 25

Finished product dimensions:

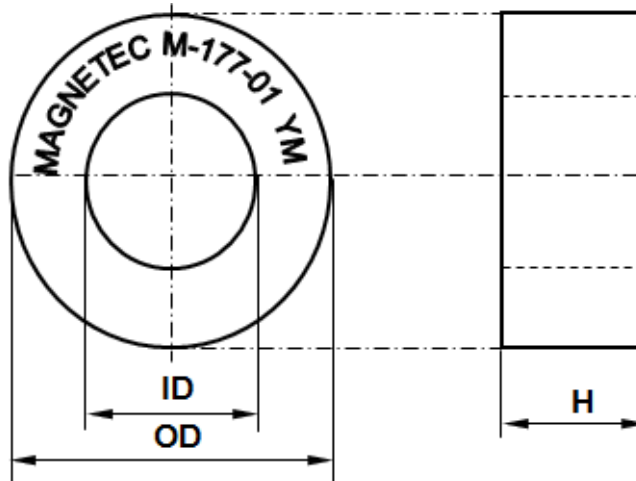
OD ≤ 52,7

ID ≥ 37,8

H ≤ 28,6

[dimensions] = mm

Dimensions of the epoxy coated core*



2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 14,08 \text{ cm}$	$A_{Fe} = 0,91 \text{ cm}^2$
Permeability level:	30.000	@ frequency 10 kHz	@ H peak 3,01 mA/cm

3. Inspection values

	Measured value	Measurement limits	Frequency	$l_{eff} \times N$ [mA x turn]
AL [μH]		18,7 - 37,5	10 kHz	30
AL [μH]		9,3 - NA	100 kHz	30

4. Core finishing

Type:	Epoxy coated and foil bandaged
Marking:	MAGNETEC M-177-01 YM (YM = Year/Month), acc. to IEC 62 5.1
Packaging:	10 pcs. per layer; 3 layers per carton box ; PU = 30 pcs.

5. Comments :



* The foil bandaging can increase the geometry even by 1 mm.

Index / Revision	Alteration	Date
01 / 00	Product Specification	07.11.2003
01 / 01	PU= 30 pcs.	16.04.2007
01 / 02	Clarification of product dimension, define 100kHz lower limit	20.10.2014

Created:	Z. Palánki	Approved (Techn):	F. Zámorszky	Approved (Quality):	J. Gulyás	Released:	T. Trupp
	20.10.2014		31.03.2015		31.03.2015		31.03.2015