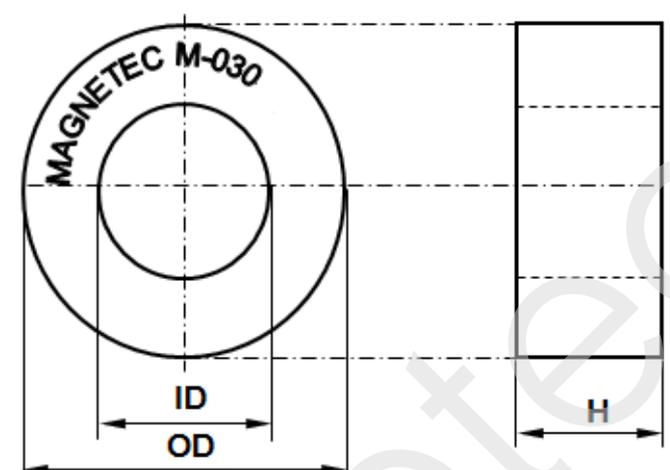


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Client:	MAGNETEC	Magnetec P/N:	M-030		
Client's P/N:		PS Index:	05	PS Revision:	06
Subject:	EMC Wandler				

1. Mechanical Outline	
Nominal equivalent round core: 30 x 20 x 15 Finished product dimensions: OD \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 mA/cm

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measurement limits	Frequency	I _{eff} 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
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