

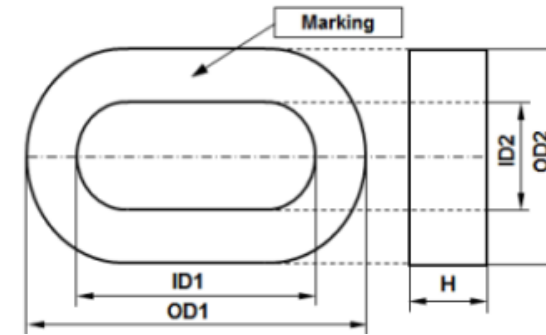
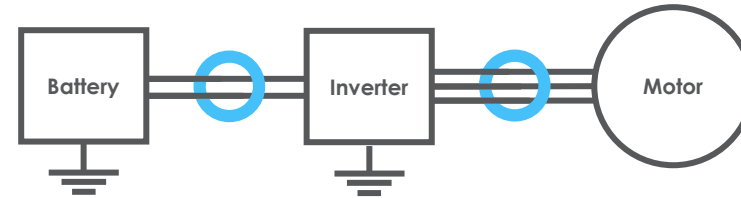
Good temperature behaviour and highest impedances in small ...

...volume predestinates Nanoperm for e-car applications

Highest impedance and absorption of noise in e-cars

Specially designed for absorbing the EMI noise from the inverter

Appropriate for AC and DC battery lines



The Magnetec Nanoperm AM line are magnetic cores which are dedicated to absorb the EMI noise in E-car applications. Nanoperm can be used for high temperature applications and provides highest impedances on small volume. For good mechanical behavior, the cores are most often glued by high performance glue into the case. Their designs are mostly stadium shaped for good fitting for commonly used bus bar technology.

Types	Nominal dim. [mm] do x di x h	Finished dim [mm] Do _{max} xDi _{min} xH _{max}	Lfe [cm]	Afe [cm ²]	Al [uH] @ 10kHz	Al [uH] @ 100kHz	Isat* [Apk]
M-1024_8k	107,9x96,7x20	161/26,5x140/7,5x26	32,1	0,81	1,8-3,58	>1,5	32
M-1024_30k	107,9x96,7x20	161/26,5x140/7,5x26	32,1	0,81	6,8-13,4	>3,4	8,5
M-1024_60k	107,9x96,7x20	161/26,5x140/7,5x26	32,1	0,81	13,4-26,8	>4,6	4
M-861	27,2x22x10	38/19,5x25/7,5x13	7,7	0,18	18,6-36,9		0,7
M-1049	50x40x20	60,7/40,7x42,7/24,8x22,3	14,1	0,8	12,6-28,4	>6,3	3,5
M-929	45,7x37,9x15	61/25x48/9x18	13,1	0,43	25,8-51,6	>8,2	1,1
Inovance AC	74,9x65,5x10	102/42x82/22x12,5	22,0	0,36	1,72-3,42	>1,27	
Inovance DC	55,8x46,4x10	72/42x52/22x12,5	16,0	0,36	2,36-4,71	1,75	

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