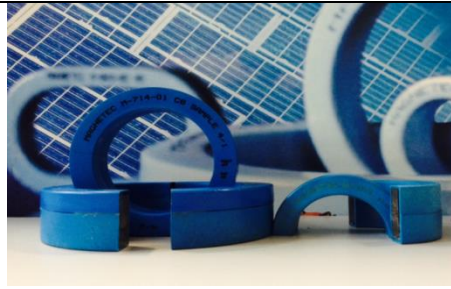


Coo/BLUE® CC cut cores with adjustable air gap for high DC capability



With the **Coo/BLUE® CC** cut core typeline **MAGNETEC** offers an extension of the established **Coo/BLUE®** serie with much higher DC capability for e.g. *Power Converters* and *Line Choke* applications. Polished cut-surface to yield high permeability even after cut. Temperature limitation at 70°C.

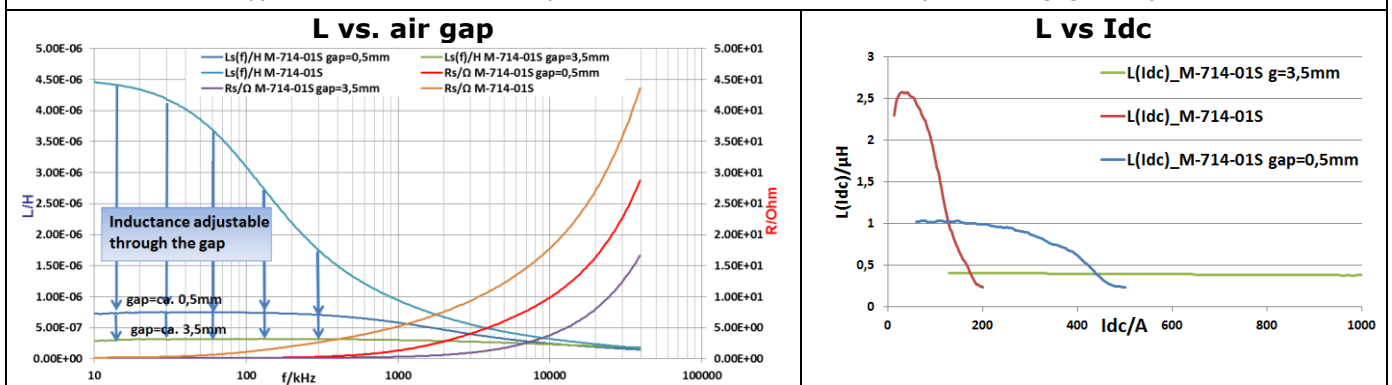
See www.magnetec.de for product infosheets:

Coo/BLUE®, **Coo/BLUE® High μ** , **Coo/BLUE® Low μ** , **Coo/BLUE® (+) PLUS**, **Coo/BLUE® MS holder kit**

| Types | Nom. dimensions do x di x h[mm] | Finished dimensions Do _{max} X Di _{min} X H _{max} [mm] | l _{fe} [cm] | a _{fe} [cm ²] |
|------------------------|------------------------------------|--|-------------------------|---------------------------------------|
| M-829* | 40x25x15 | 43,6x22,5x20 | 10 | 0,88 |
| M-507* | 50x40x25 | 53,6x36,9x29,5 | 14 | 0,91 |
| M-712* | 63x50x30 | 68x43x36 | 18 | 1,35 |
| M-713* | 80x63x30 | 85x57x35,5 | 22 | 1,76 |
| M-639* | 80x63x30 | oval | 22 | 2,07 |
| M-714* | 100x80x30 | 106x72x35 | 24 | 2,07 |
| M-715* | 130x100x30 | 135x94x34 | 26 | 3,10 |
| M-716 | 160x130x30 | 165x123x34 | 41 | 3,10 |
| M-717* | 200x175x30 | 208x166x37 | 59 | 2,59 |
| M-771 | 236,5 x 201 x 30 | oval | 70 | 3,94 |
| M-648* | 300 x 250 x 30 | oval | 87 | 5,20 |

Only for information, no guaranteed values, for further information, see datasheet / *: prel.

Typical characteristics: Example core M-714 = 100x80x30mm (without engagement)



Our **NANOPERM® Coo/BLUE® CC** cores offers following benefits:

- **Very high DC capability by adjustable air gap**
- **Low core losses lead to low component temperatures**
- **Advanced insertion loss / attenuation in a very wide frequency range**
- **Polished surface to get high permeability after cut**
- **Partially permeability min 10k@10kHz after cut, see datasheet**
- **Partially with special hose clamp for pressing the two halves together, see DS**

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