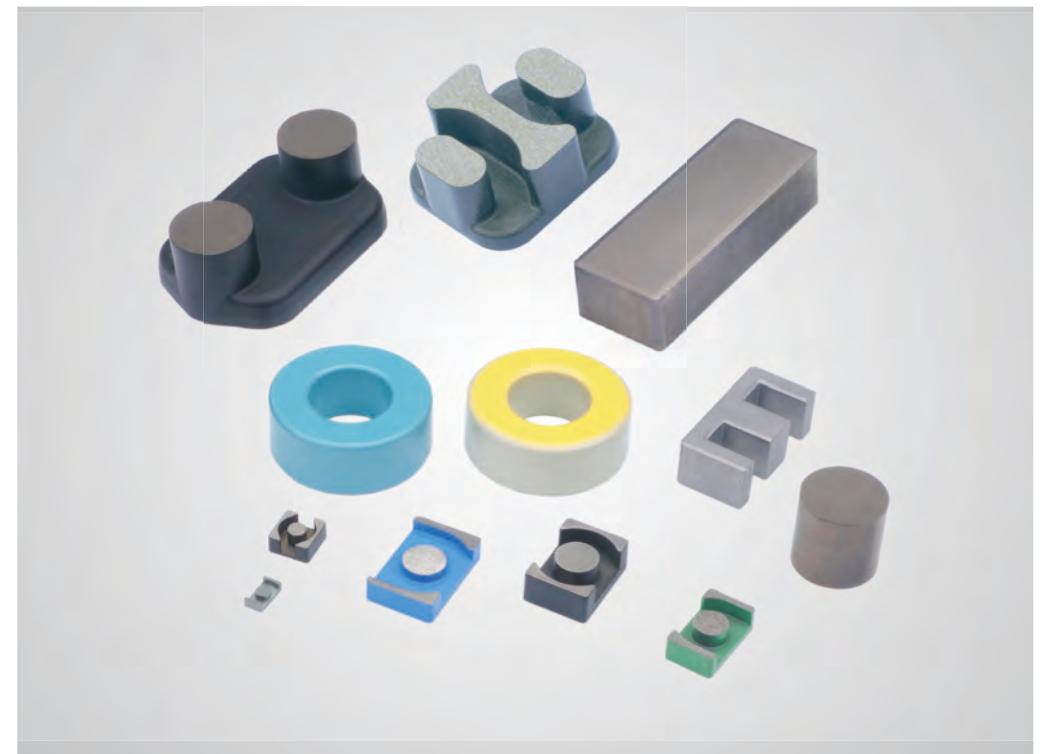




POWDER CORE SERIES

• 金属磁粉芯系列产品





材料简介 · Introduction of materials

铁硅铝 (Sendust) ——DS

合金粉末内含85%的铁，9%的硅和6%的铝，磁芯内有均匀分布的气隙，有良好的直流叠加特性，饱和磁通密度可达10000Gauss，在高频下具有低损耗特性。磁致伸缩系数接近零，可广泛应用于在线噪声滤波器、开关电源中的电感器、太阳能逆变器等领域，相对于铁粉芯，铁硅铝拥有更高的效率。

The alloy powder contains 85% Fe, 9% Si and 6% Al. The core has evenly distributed air gap, good DC superposition characteristics, saturated flux density up to 10000 Gauss, low loss characteristics at high frequency. Magnetostrictive coefficient is close to zero, which can be widely used in online noise filter, inductor in switch power supply, solar inverter and other fields. Compared with Fe powder core, the FeSiAl core has higher efficiency.

铁镍 (High Flux) ——DH

合金粉末内含50%镍和50%铁，在所有磁粉芯中，High Flux具有最佳的直流偏置能力，其饱和磁通密度可达15000Gauss，相对于铁粉芯，High Flux磁粉芯的损耗更低，直流偏置能力更高；相对于偏置能力同样优秀的铁硅磁粉芯，High Flux磁粉芯的损耗更低。该材质可广泛应用于高Q滤波器、谐振电感、精密电路等领域。

The alloy powder contains 50% Ni and 50% Fe. In all magnetic powder cores, High Flux has the best DC bias ability and its saturated Flux density can reach 15000 Gauss. Compared with Fe core, High Flux core has lower loss and higher DC bias ability. Compared with the FeSi core which also has excellent bias ability, the loss of High Flux core is lower. The material can be widely used in high Q filter, resonant inductance, precision circuit and other fields.

材料简介 · Introduction of materials

铁镍钼 (MPP) ——DM

合金粉末内含81%的镍，17%的铁及2%的钼，饱和磁通密度可达7000Gauss以上。MPP具有高磁阻，低损耗、较高的储能能力，良好的温度稳定性等特点，应用于高Q滤波器、高温电感器和滤波器、单端反激变压器等领域

The alloy powder contains 81% Ni, 17% Fe and 2% Mo, and the saturation flux density can reach over 7000 Gauss. MPP has the characteristics of high reluctance, low loss, high energy storage capacity, good temperature stability and so on. It is applied in the fields of high Q filter, high temperature inductor and filter, single end flyback transformer and so on.

铁硅 (Ma-Flux) ——DFG

分布式气隙磁粉芯，由含硅6.5%的铁粉制成。损耗比铁粉芯低，具有极佳的直流偏置能力，其饱和磁通密度可达15000Gauss以上，适用于各种大电流的应用环境，例如UPS电源、太阳能逆变器等，另外在一定的条件下，铁硅是可以取代High Flux磁芯的一种经济型选择。

The distributed air gap magnetic powder core is made of Fe powder containing silicon 6.5%. Its loss is lower than that of Fe powder core, and it has excellent dc bias ability, and its saturation Flux density can reach over 15000 Gauss. It is suitable for all kinds of high-current application environments, such as UPS power supply, solar inverter, etc. In addition, under certain conditions, The FeSi core is an economical choice that can replace High Flux core.



材料简介 · Introduction of materials

特殊功耗——DSH/DNH/DSG

有更好的直流偏置能力和更低的损耗，因此非常适用于一些要求高效能的应用领域，例如服务器、汽车部件和太阳能部件。它们可以成为非晶磁芯的良好替代品，并且表现出优异的热性能。

DSH——比传统铁硅铝更低的损耗，较高的直流偏置能力

DSH/D——比DSH更高的直流偏置能力，但损耗比DSH略高

DNH——与铁硅相同的直流偏置特性，兼具传统铁硅铝的低损耗特性

DSG——优异的高频特性，超低的损耗，且直流偏置能力优于传统铁硅铝

DSG/T——比DSG更优异的损耗特性，直流偏置能力与DSG相同

It is an upgraded version of the FeSi material, which has better DC bias and lower losses than traditional sendust, making it ideal for applications that require high efficiency, such as servers, automotive parts and solar components. They can be a good substitute for amorphous cores, and exhibit excellent thermal properties.

DSH - Lower loss and better DC bias capability than traditional FeSiAl

DSH/D - Better DC bias capability than DSH, but a little higher loss than DSH

DNH - Close to the DC bias characteristics of FeSi, with the low-loss characteristics of traditional FeSiAl

DSG - Excellent high frequency characteristics, ultra-low loss, and DC bias capability better than FeSiAl

DSG/T - Better loss capability than DS

东磁生产的磁粉芯环形产品均会涂覆一层防腐防潮防氧化的涂层，涂层材质可以是多样的，常规是环氧树脂涂层，也可以提供聚对二甲苯涂层。

本目录中涉及的涂层尺寸均为环氧树脂涂层，单边的涂层厚度一般在0.15~0.3mm。

环氧树脂涂层的最大稳态运行温度为130°C。

Sendust、MPP、High Flux、Ma-FLux和Multi-Alloy磁粉芯均可在200°C下持续工作（不包括涂层），且不会出现老化现象。

Ring products of magnetic powder core produced by DMEGC will be coated with a layer of anti-corrosion, moisture-proof and anti-oxidation coating. Coating materials can be diverse. The general is epoxy resin coating and can also provide poly-p-xyllylene coating.

The coating sizes involved in this catalog are all epoxy resin coatings, and the one-side coating thickness is generally 0.15~0.3mm.

The maximum stable operating temperature of epoxy resin coating is 130°C.

All of Sendust、MPP、High Flux、Ma-FLux and Multi-Alloy magnetic cores can work continuously at 200°C (excluding coating) without aging.

磁芯命名规则 · Naming rules of cores

DMEGC生产的磁粉芯有其特有的型号，该型号包含了该磁粉芯的重要特性信息。对磁芯的命名规则做如下说明：

Magnetic powder cores produced by DMEGChave unique models of themselves, the model contains important characteristic information of the magnetic powder core. The naming rules for coresare described as follows:

环型Torroid Cores

D H 2 7 0 0 6 0 A 18



磁环高度 (mm) (首款/标准款高度省略)
Magnetic Ring Height (mm)

模具代码 (首款/标准款A; 改款用B, C等)
Mold Code (The A, of the first paragraph / standard paragraph is not omitted; the B, C and others of the change is used)

材质的磁导率
Permeability of Material

磁环外径 (mm) 的10倍
10 times the outer diameter of magnetic ring (mm)

材质代码, 具体见材质代码表
Material Code, refer to Material Code Table

公司代码
Company Code DMEGC

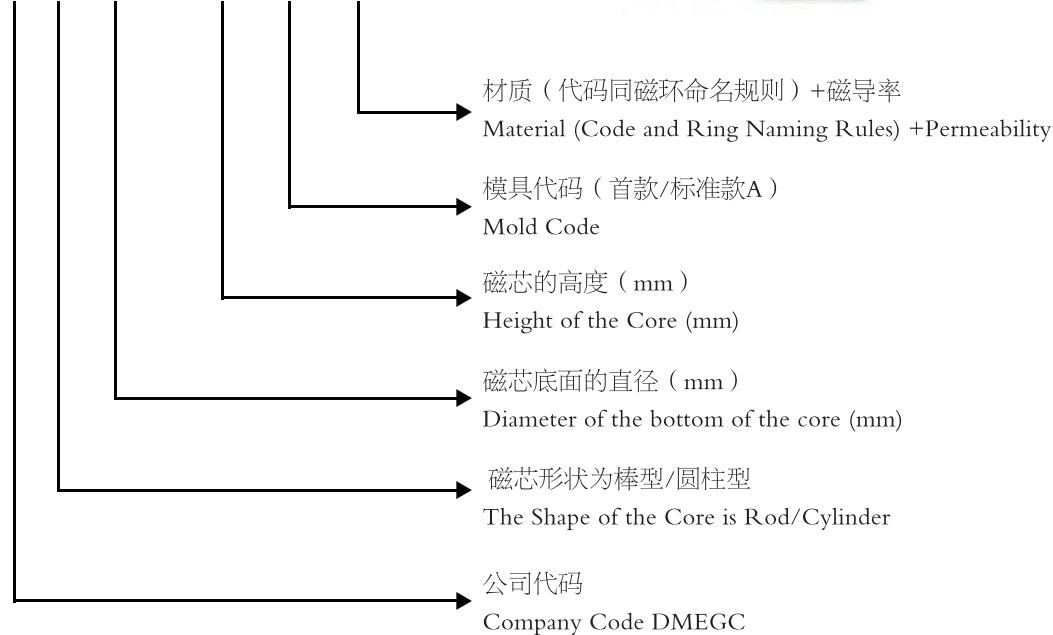


磁芯命名规则 · Naming rules of cores

棒型/圆柱型 Rod/Cylindrical

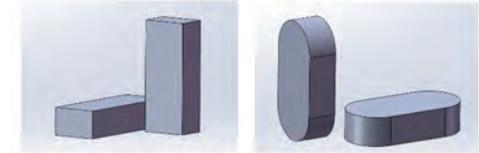


D P 5.2 x 7.3 A-S060

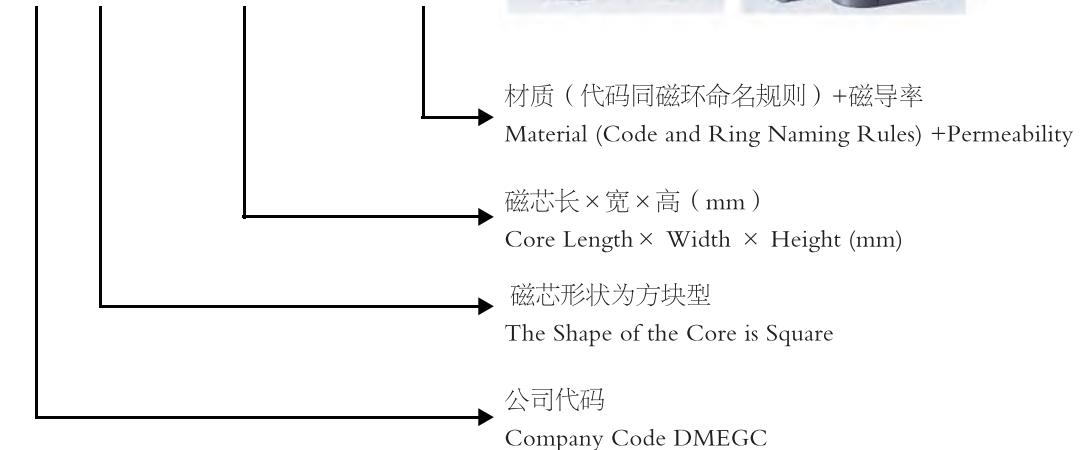


磁芯命名规则 · Naming rules of cores

方块型 Block Type



D FK 60 x 30 x 15-S060





其他异形磁芯及新型磁心命名规则

规则说明:

形状代码可选用英文缩写、拼音缩写，尽量采用行业通用代码；

Shape code can choose English abbreviations, Pinyin abbreviations, as far as possible to use industry code.

尺寸信息一般采用产品除高度以外的最大尺寸，需增加其他尺寸时用“×”连接；

Dimensional information generally uses the maximum size of the product other than height, need to add other dimensions with the "x" connection.

模具代号选用A→Z、AB→ZZ字母标注模具版本，初版或标准款A，代用情况必须标注；

Mold code selection A→Z, AB→ZZ letter marking mold version, initial version or standard A, substitution must be marked

磁芯高度初版或标准款省略，高度调整款需标注最终高度；

Magnet height initial edition or standard section omitted, height adjustment to mark the final height.

配套标识EE及类似EE配对产品省略，EI及类似EI配对、单独使用必须标注“-E”或“-I”

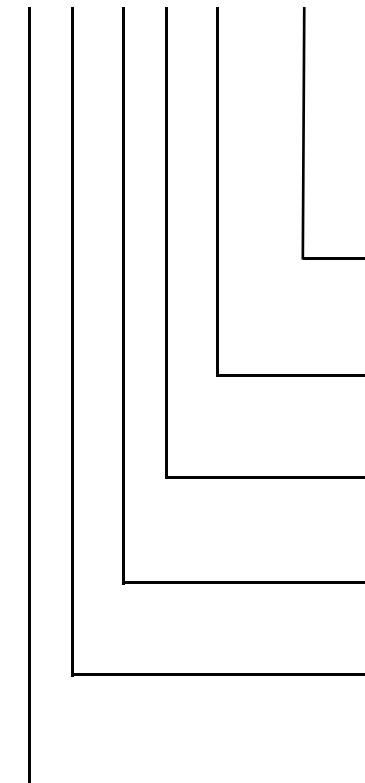
Matching identification EE and similar EE pairing products omitted, EI and similar EI pairing, separate use must be marked

" or "- I"

磁芯命名规则 · Naming rules of cores

E型E Type

D E 80 A 10-S060-E



配套产品标识（EE配对可省略，EI配对产品单独使用必须标注）
Supporting Product Identification (EE paired products may be omitted EI paired products must be marked)

Permeability
材质（代码同磁环命名规则）
Material (Code and Ring Naming Rules)

磁芯高度mm
Magnetic Ring Height (mm)

模具代码（首款/标准款A）
Mold Code

磁芯最大尺寸：长度 (mm)
Maximum core size : Length (mm)

磁芯形状为EE型
The Shape of the Core is EE Type

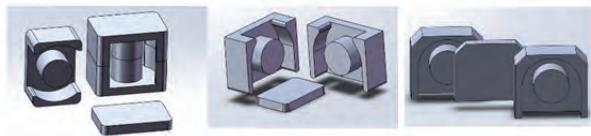
公司代码
Company Code DMEGC



磁芯命名规则 · Naming rules of cores

Q型 Q Type

D Q 12.7 A-S060-I



单独E型或I片时的标注，无此标记为E+E
配套产品
Individual E-type or I-piece labeling, not marked as
E+I supporting products

材质 (代码同磁环命名规则) +磁导率
Material (Code and Ring Naming Rules) +Permeability

模具代码 (首款/标准款A)

Mold Code

磁芯最大尺寸：长度 (mm)
Maximum core size : Length (mm)

磁芯形状为Q型
The Shape of the Core is Q Type

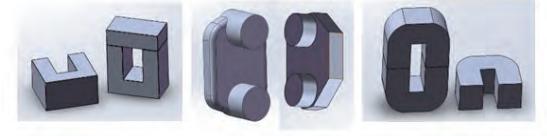
公司代码
Company Code DMEGC

Q型的磁芯结构有很多，根据结构不同，在命名上会有些许区别，如QC、QY等。
There are many core structures of Q type. Depending on the structure, there will be some differences
in naming, such as QC, QY, etc.

磁芯命名规则 · Naming rules of cores

U型 U Type

D U 50 A10-H060-U



配套标识(UU配对产品可省略，U、I配对单独使用必须标注)
Matching identification (UU pairing products can be omitted, U、I pairing must be marked separately)

磁导率
Permeability

材质代码，具体见材质代码表
Material Code, refer to Material Code Table

磁芯高度mm (压制方向尺寸，首款/标准款高度省略)
Core height (mm), (Press direction dimensions, first/
standard height omitted)

模具代码 (首款/标准款A)
Mold Code

磁芯最大尺寸：长度 (mm)
Maximum core size : Length (mm)

磁芯形状为U型
The Shape of the Core is U Type

公司代码
Company Code DMEGC

U型的磁芯结构有很多，根据结构不同，在命名上会有些许区别，如UC、UY等。
There are many core structures of U type. Depending on the structure, there will be some differences
in naming, such as UC, UY, etc.



磁芯命名规则 · Naming rules of cores

跑道型 Track Type

D FT 36.2 A10-H060



- 磁导率
Permeability
- 材质 (代码同磁环命名规则) + 磁导率
Material (Code and Ring Naming Rules) + Permeability
- 磁芯高度mm (压制方向尺寸, 首款/标准款的高度省略) Core height (mm), (Press direction dimensions, first/standard height omitted)
- 模具代码 (首款/标准款A)
Mold Code
- 磁芯最大尺寸: 长度(mm)
Nominal Value of Core maximum Size: Length (mm)
- 形状代码
Shape Code
- 公司代码
Company Code DMEGC

材质代码及其常温特性

材质	材质惯用名称	成分类别	初始磁导率	Bs 饱和磁通密度 T	60μDC-Bias @100Oe %	60μPev @50kHz/100mT mW/mm3
DF	水雾化铁硅 FS 铁硅 (FS Mega Flux)	Fe-Si	26~90	1.5	57%	1400
DFG	铁硅 (Mega Flux)		26~90	1.6	76%	550
DS	铁硅铝 (Sendust)	Fe-Si-Al	26~125	1	48%	270
DSH	超级铁硅铝 (Super Sendust)		26~90	1.05	58%	190
DSH/D	超级铁硅 高叠加 (Super Mega Flux High DC-Bias)	Fe-Si-Al	26~90	1.3	62%	300
DSG	高频铁硅铝 (High Frequency Sendust)		19~60	1.05	57%	120
DSG/T	高频铁硅铝 特殊功耗 (High Frequency Sendust Low Power Loss)		19~60	1.05	58%	80



材质代码及其常温特性

材质	材质惯用名称	成分类别	初始磁导率	Bs 饱和磁通密度 T	60μDC-Bias @100Oe %	60μPev @50kHz/100mT mW/mm3
DNH	低成本铁镍 (Low Cost High Flux)	Fe-Si-Al-Ni	26~125	1.4	74%	250
DH	铁镍 (High Flux)	Fe-Ni	26~200	1.5	83%	260
DH/T	超级铁镍 (Super High Flux)		26~90	1.5	83%	160
DM	铁镍钼 (MPP)	Fe-Ni-Mo	26~300	0.8	58%	180

形状代码 (部分)

形状	代码	形状	代码
	环形 Toroidal 省略		EQ 型
	方块 Block FK		EER 型
	菱形方块 Rhombus 暂无		EQC 型
	圆柱 Cylinder P		E 型
	椭圆 Ellipse YK		EI 配对型
	跑道型 FT		U 型

说明:

对于带“/”的材质，在无法显示“/”的场景（如文件名、某些物料系统）可用“-”代替，但是在产品打字和相关的纸质印刷品等文件中必须使用“/”。

For materials with "/", use "-" instead in scenarios where "/" can not be displayed (e.g. file name, certain material systems), but in documents such as product typing and related paper prints must use "/".



基础术语、定义与计算公式

Basic terms, definitions and calculation formulas

初始磁导率 / Initial permeability

初始磁导率是B/H的极限值，在这里H值（铁磁物质的初始磁化曲线中）无限趋近于0，公式表述如下：

The initial permeability is the limit value of B/H, where the H value (in the initial magnetization curve of ferromagnetic material) approaches infinitely to 0, The formula is as follows:

μ_i : 初始磁导率 / Intial permeability

μ_0 : 真空磁导率 $\mu_0 = 4\pi \times 10^{-4}$ /permeability of vacuum

B: 交流磁场强度 (A/m) / Flux Density

H: 磁通密度 (T) / Magnetic Field Strength

注：磁性材料的初始磁导率用一只绕着导线的磁环磁芯来测定，公式表述如下：

Note: The initial permeability of magnetic materials is measured by a magnetic ring core with a coil. The formula is as follows:

L: 带磁芯的线圈电感 (H) / Coil inductance with core

L_0 : 不带磁芯的线圈电感/ Coil inductance without core

N: 线圈匝数 (Ts) /Number of turns

Ae: 磁芯有效截面积 (cm^2) /Effective Across Section Area

le: 磁芯有效磁路长度 (cm) /Effective Magnetic Path Length

电感系数 (AL) / Inductance factor

线圈的电感量L与线圈匝数N的平方之比，称为磁心的电感系数。与磁芯的形状、尺寸、磁导率、线圈绕法及线圈与磁芯的相对位置等因素有关。即：

The ratio of inductance L of coil to the square of turns N of coil is called inductance coefficient of core. It is related to the shape, size, permeability, coil winding method and the relative position of coil and core. Namely:

$$AL = \frac{L}{N^2}$$

AL: 电感系数 (nH/N^2) /Inductance Factor
 L: 电感 (nH) /Inductance
 N: 匝数 (Ts) /Number of turns

基础术语、定义与计算公式

Basic terms, definitions and calculation formulas

磁场强度 / Magnetic Field Strength

安培定律给出了磁场强度与电流、线圈匝数及磁路长度之间的关系。

Ampere's law gives the relationship between magnetic field strength and current, number of coil turns and length of magnetic circuit.

H: 磁场强度 (Oe) / Magnetic Field Strength

$$H = \frac{0.4\pi \cdot N \cdot I}{le}$$

N: 匝数 (Ts) /Number of turns
 I: 电流 (A) /Current

le: 有效磁路长度 (cm) /Effective Magnetic Path Length

磁通密度峰值 / Peak AC flux density

B: 磁场密度峰值 (Gauss) /Peak AC flux density

$$B_{max} = \frac{E_{rms} \cdot 10^8}{4.44 f \cdot Ae \cdot N}$$

f: 频率 (Hz) /Frequency
 Ae: 有效截面积 (cm^2) /Effective Across Section Area
 E_{rms}: 均方根电压值 (V) /RMS voltage



磁芯选型示例 · Examples of cores selection

为电感器选择磁芯时，可根据下列条件，确定应选磁环及绕制的线圈匝数。

条件如下：

When selecting the core for the inductor, the selected magnetic ring and the winding turns can be determined according to the following conditions

The conditions are as follows:

直流电流Direct Current IDC=8 (A)

直流偏置电感DC bias inductor LDC=17.5 μH

计算过程如下：

The calculation process is as follows:

1) 公式转换 Formula conversion

$$H = \frac{0.4\pi \cdot N \cdot I}{le} \rightarrow NI = \frac{H \cdot le}{0.4\pi}$$

2) 初步确定磁场强度 Preliminary determination of magnetic field strength

在电流8A下，电感量下降后不小于50%。从磁场强度与初始磁导率变化曲线图上可以得到，磁导率下降50%时对应的磁场强度H=35 (Oe)。

At a current of 8 A, the inductance is not less than 50% after the drop. From the curve of magnetic field strength vs initial permeability, it can be obtained that the corresponding magnetic field strength H=35 (Oe) when the magnetic permeability decreases by 50%.

3) 初步选择磁芯 DS229125 Preliminary selection of magnetic core DS229125

DS229125的有效磁路长度

The effective magnetic path length of DS229125 is le=5.67cm

4) 计算安匝数及匝数 Calculate the number of amps and turns

$$NI = \frac{H \cdot le}{0.4\pi} = \frac{35 \times 5.67}{0.4 \times 3.14} = 158$$

$$N = 158 \div 8 = 19.75 \approx 20 \text{ (Ts)}$$

磁芯选型示例 · Examples of cores selection

5) 核算LDC@8A是否满足要求 Check whether LDC@8A meets the requirements

$$L_{0A} = AL \times N^2 = 90 \times 20^2 = 36 (\mu H)$$

$$I=8A \text{ 时, 电感量下降为 } 50\%, L_{8A}=36 \times 50\% = 18 (\mu H)$$

$$\text{When } I = 8A, \text{ the inductance decreases to } 50\%, L_{8A}=36 \times 50\% = 18 (\mu H)$$

加上8A的电流后电感量基本上能够满足要求。

After adding 8A current, the inductance can basically meet the requirements.

在实际的使用中选用磁芯时，如果初次选定的磁芯无法一次满足要求，可以根据上述方法，通过调整磁芯尺寸及磁导率的方式来使初始电感及直流偏置电感满足要求。

When the magnetic core is selected in actual use, if the first selected magnetic core cannot meet the requirements at first time, the initial inductance and the DC bias inductance can be satisfied by adjusting the core size and magnetic permeability according to the above method.

材料性能简介 · Material Characteristics profile

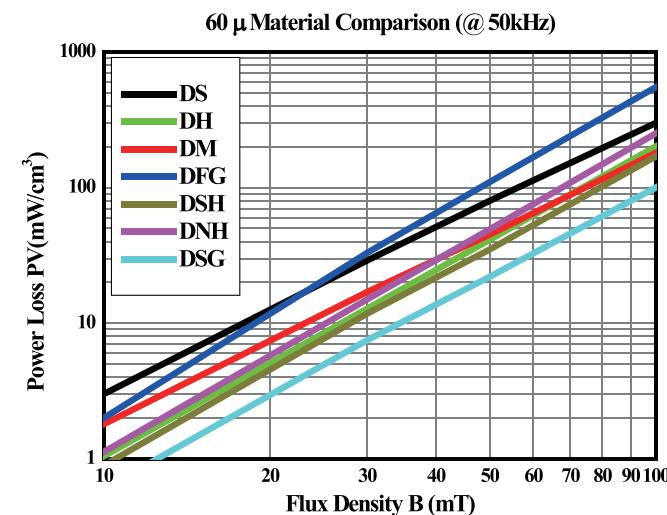
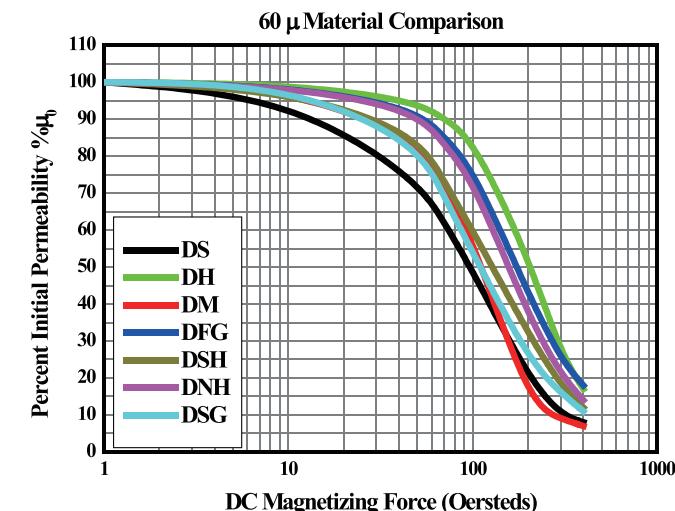
材料特性 Material Characteristics

Material System	Perm.	Power loss (mW/cm³) @50kHz/100mT	DC-Bias (%μ₀) @100 Oe	Flux Density Bs (mT)	Tc
DS	60	270	48	1050	600°C
DSH	60	170	60	1200	600°C
DSH/D	60	300	64	1200	600°C
DSG	60	120	54	1100	500°C
DSG/T	60	80	57	1100	500°C
DFG	60	550	76	1500	700°C
DH	60	260	85	1600	500°C
DH/T	60	160	84	1600	500°C
DNH	60	250	72	1100	600°C
DM	60	180	58	750	400°C

单位换算 Unit Conversion

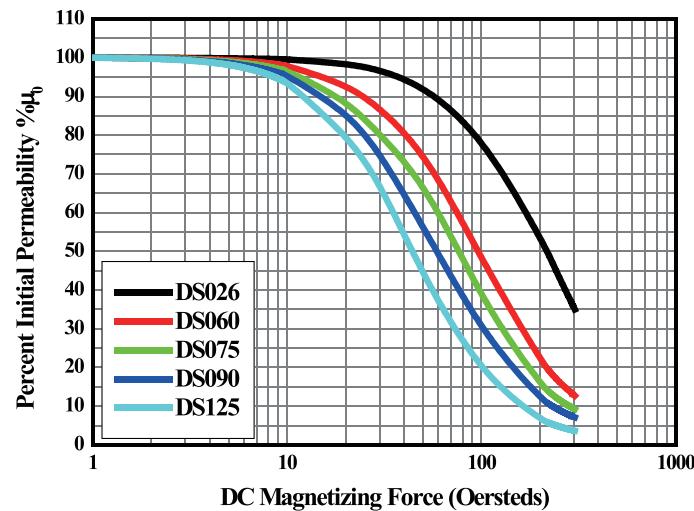
单位名称 Unit	符号简称 Symbol	换算举例 Conversion	
奥斯特 (Oersted)	Oe	1 Oe = 0.7958 A/cm	1 A/cm = 1.2566 Oe
特斯拉 (Tesla)	T	1 T = 1000 mT	1 mT = 0.001 T
高斯 (Gauss)	Gs	1 Gs = 0.1 mT	1 mT = 10 Gs
英寸 (Inch)	in	1 in = 25.4 mm	1 mm = 0.03937 in

材料性能对比曲线 Comparison curves of material properties



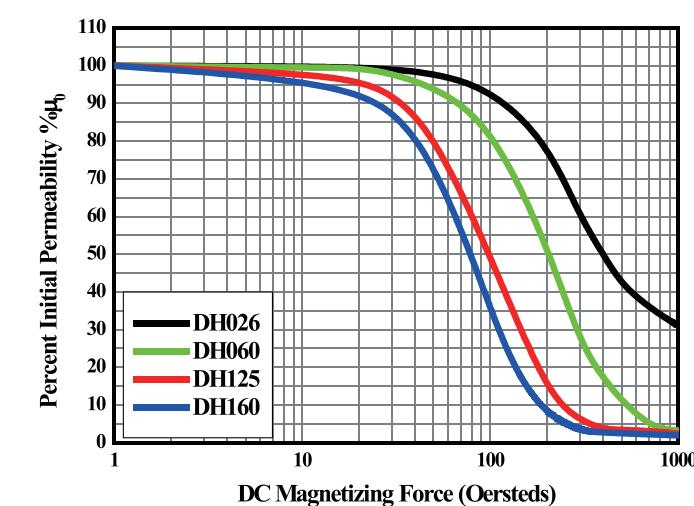
直流偏置曲线 · DC bias curves

铁硅铝 DS 环型 Sendust Toroid



直流偏置曲线 · DC bias curves

铁镍 DH 环型 High Flux Toroid



$$\% \text{Perm} = \frac{1}{a+b \cdot H^c}$$

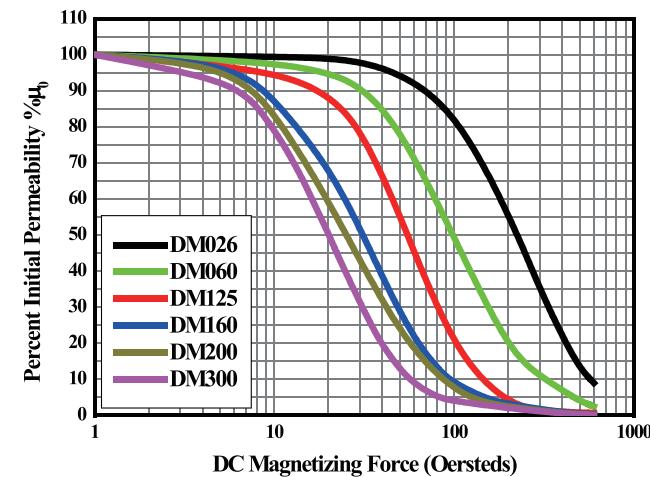
Material	ui	a	b	c
DS	26	0.01	6.686E-07	1.789
	60	0.01	4.736E-06	1.694
	75	0.01	8.002E-06	1.692
	90	0.01	1.168E-05	1.656
	125	0.01	1.185E-05	1.786

$$\% \text{Perm} = \frac{1}{a+b \cdot H^c}$$

Material	ui	a	b	c
DH	26	0.01	1.221E-06	1.464
	60	0.01	7.980E-08	2.215
	125	0.01	4.434E-07	2.189
	160	0.01	2.441E-07	2.442

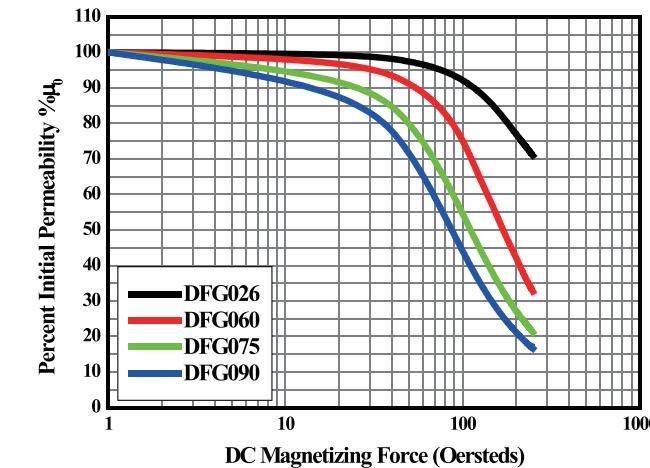
直流偏置曲线 · DC bias curves

铁镍钼 DM 环型 MPP Torroid



直流偏置曲线 · DC bias curves

铁硅 DFG 环型 Mega-Flux Torroid



$$\% \text{Perm} = \frac{1}{a+b \cdot H^c}$$

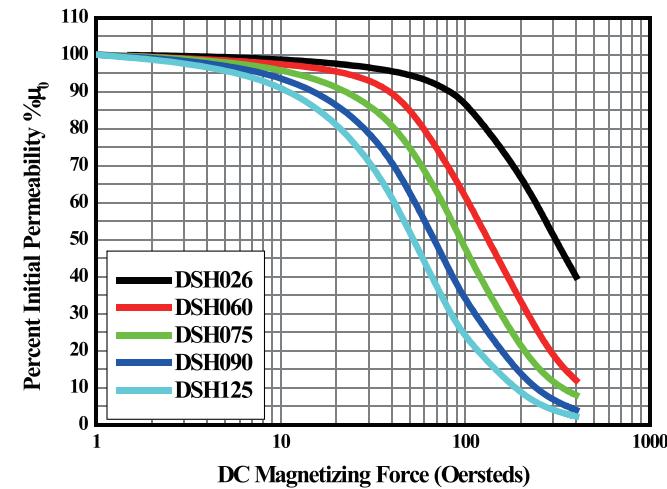
Material	ui	a	b	c
DM	26	0.01	1.325E-07	2.084
	60	0.01	1.618E-06	1.899
	125	0.01	1.252E-06	2.238
	160	0.01	1.261E-05	1.933
	200	0.01	3.548E-05	1.747
	300	0.01	2.431E-05	2.016

$$\% \text{Perm} = \frac{1}{a+b \cdot H^c}$$

Material	ui	a	b	c
DFG	26	0.01	3.008E-07	1.732
	60	0.01	7.568E-07	1.852
	75	0.01	2.683E-06	1.736
	90	0.01	6.266E-06	1.640

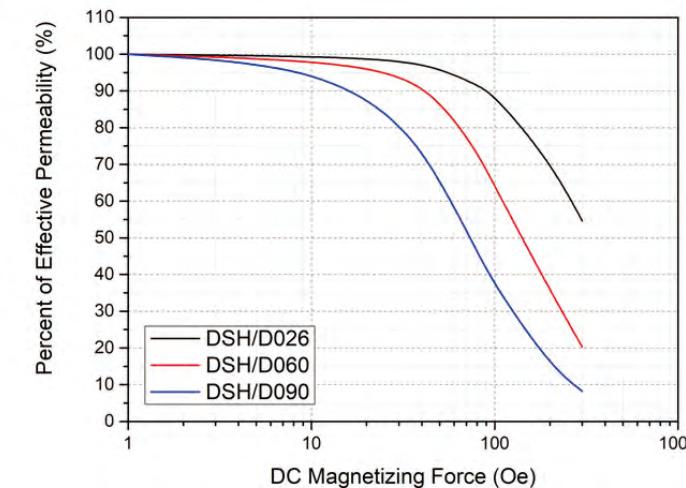
直流偏置曲线 · DC bias curves

DSH 环型 DSH Torroid



直流偏置曲线 · DC bias curves

DSH/D 环型 DSH/D Torroid



$$\% \text{Perm} = \frac{1}{a+b \cdot H^c}$$

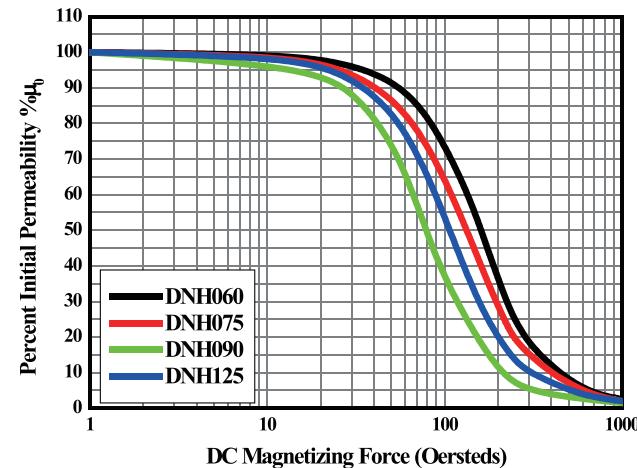
Material	ui	a	b	c
DSH	26	0.01	6.013E-07	1.694
	60	0.01	1.747E-07	1.769
	75	0.01	3.604E-06	1.738
	90	0.01	7.631E-06	1.698
	125	0.01	1.079E-05	1.726

$$\% \text{Perm} = \frac{1}{a+b \cdot H^c}$$

Material	ui	a	b	c
DSH/D	26	0.01	5.110E-07	1.6999
	60	0.01	1.299E-06	1.807
	90	0.01	5.910E-06	1.729

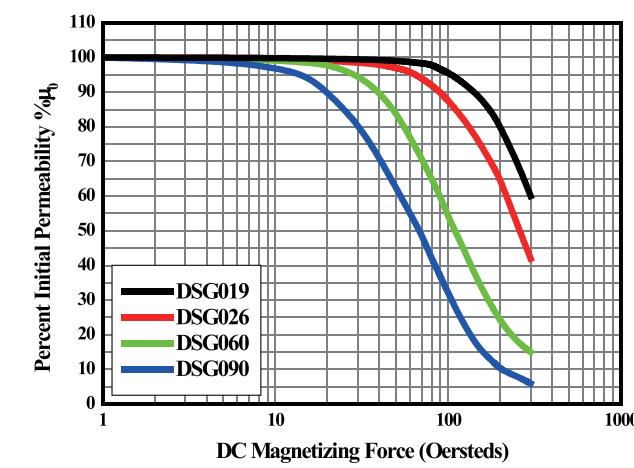
直流偏置曲线 · DC bias curves

DNH 环型 DNH Torroid



直流偏置曲线 · DC bias curves

DSG 环型 DSG Torroid



$$\% \text{Perm} = \frac{1}{a+b \cdot H^c}$$

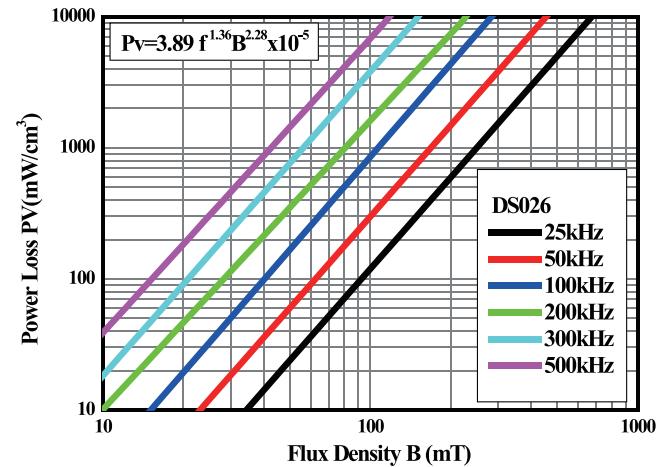
Material	ui	a	b	c
DNH	60	0.01	1.27E-07	2.23
	75	0.01	3.27E-07	2.12
	90	0.01	3.39E-07	2.20
	125	0.01	3.06E-07	2.38

$$\% \text{Perm} = \frac{1}{a+b \cdot H^c}$$

Material	ui	a	b	c
DSG	19	0.01	5.40E-09	2.46
	26	0.01	8.07E-08	2.11
	60	0.01	1.06E-06	1.95
	90	0.01	2.32E-06	1.92

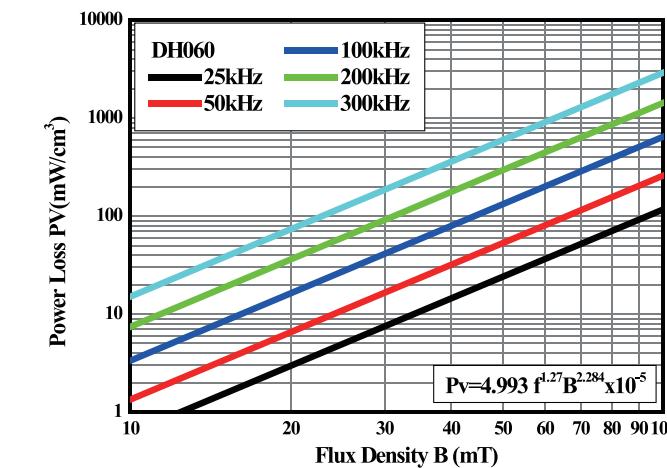
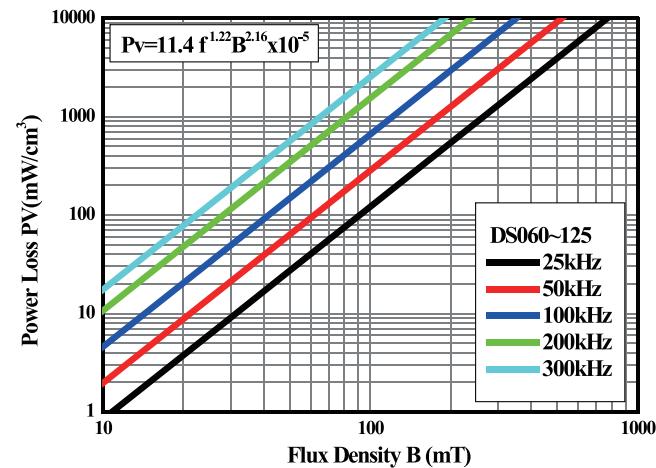
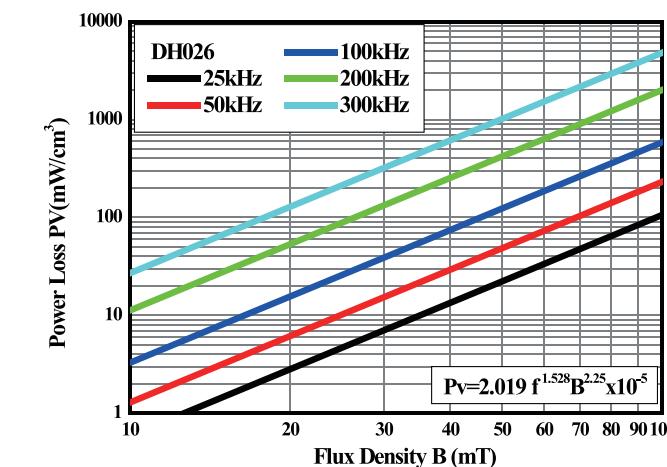
损耗曲线 · Loss curves

铁硅铝 DS 环型 Sendust Torroid



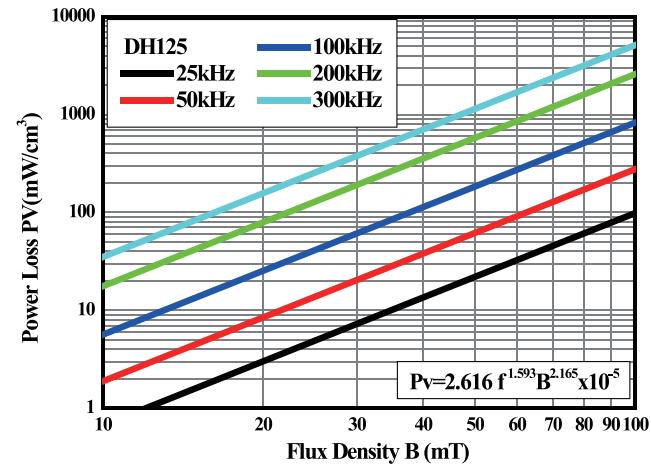
损耗曲线 · Loss curves

铁镍 DH 环型 High Flux Torroid



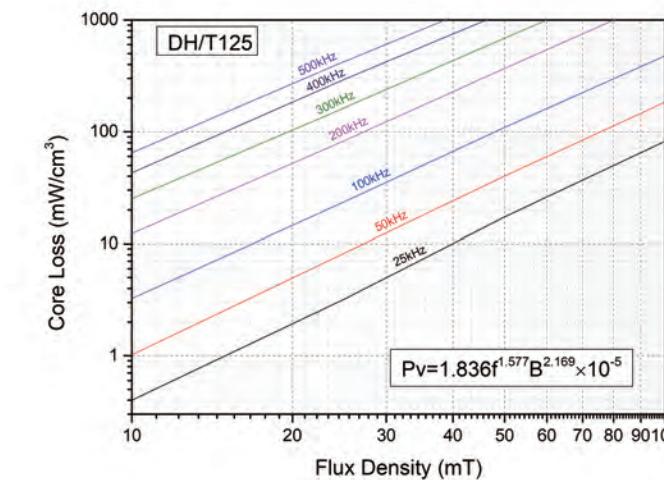
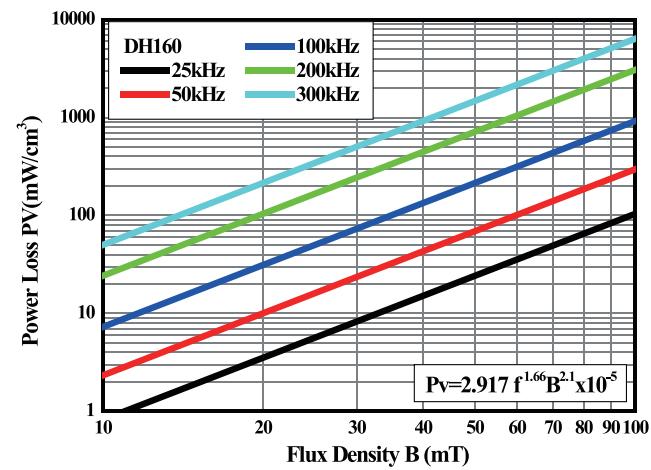
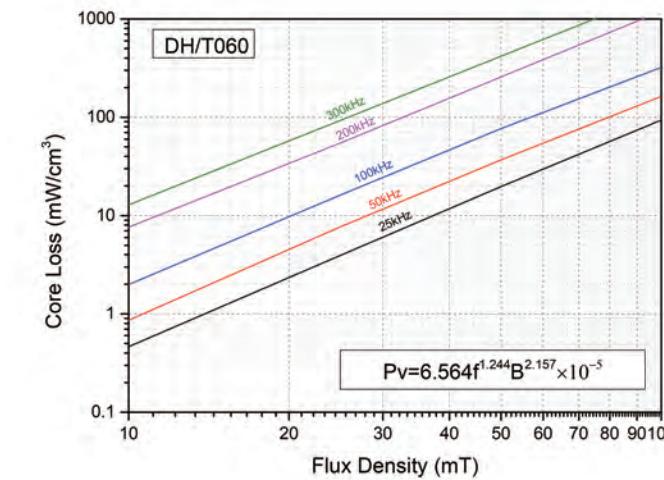
损耗曲线 · Loss curves

铁镍 DH 环型 High Flux Torroid



损耗曲线 · Loss curves

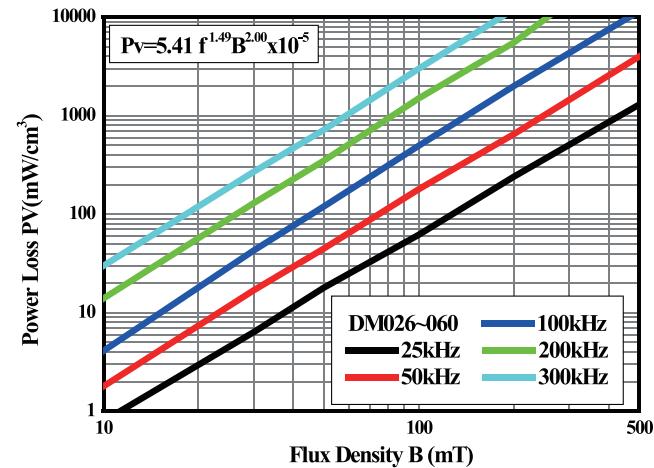
铁镍 DH/T 环型 High Flux DH/T Torroid





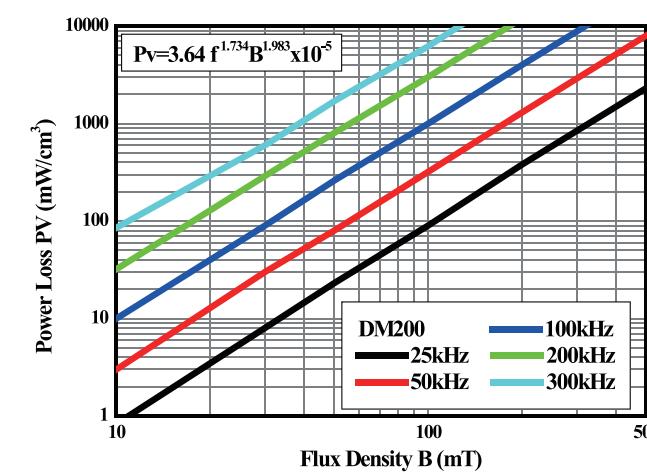
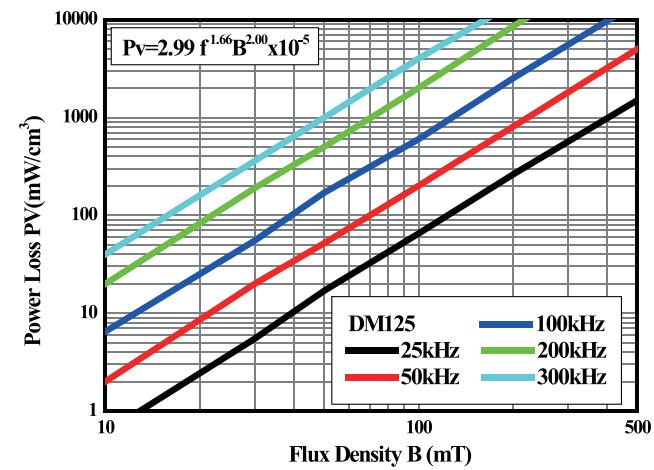
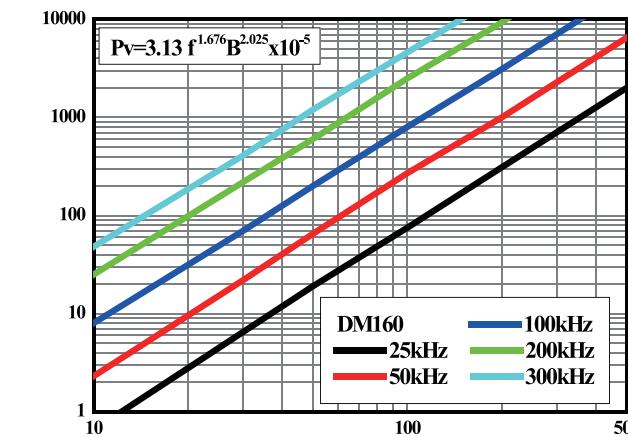
损耗曲线 · Loss curves

铁镍钼 DM 环型 MPP Torroid



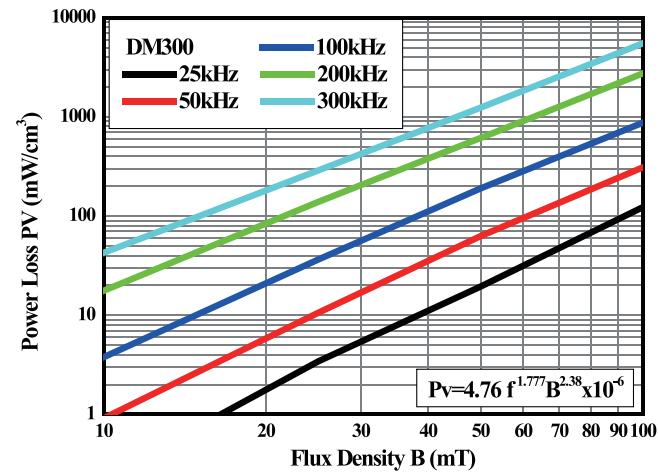
损耗曲线 · Loss curves

铁镍钼 DM 环型 MPP Torroid



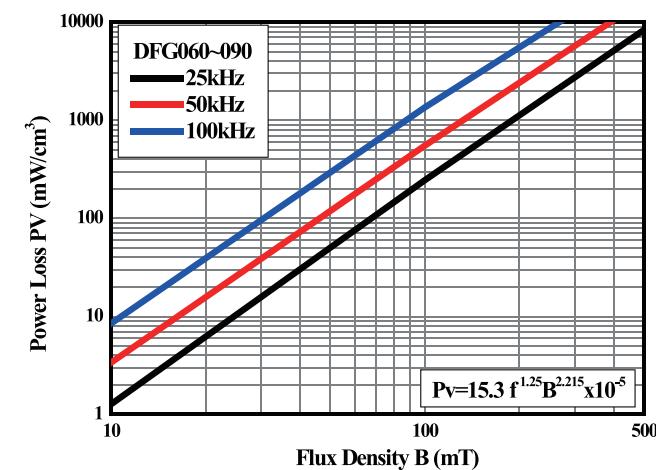
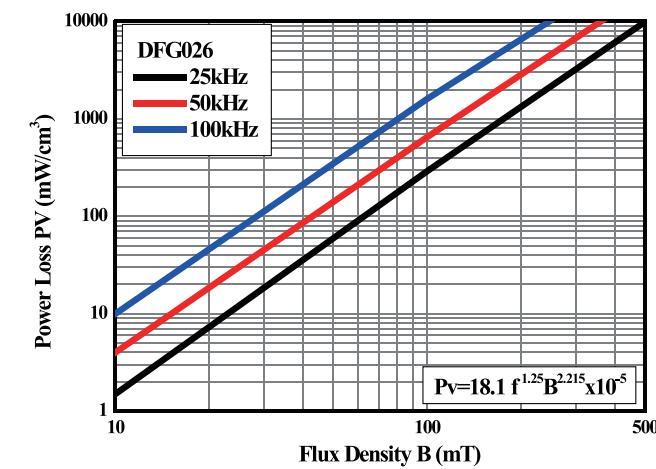
损耗曲线 · Loss curves

铁镍钼 DM 环型 MPP Torroid



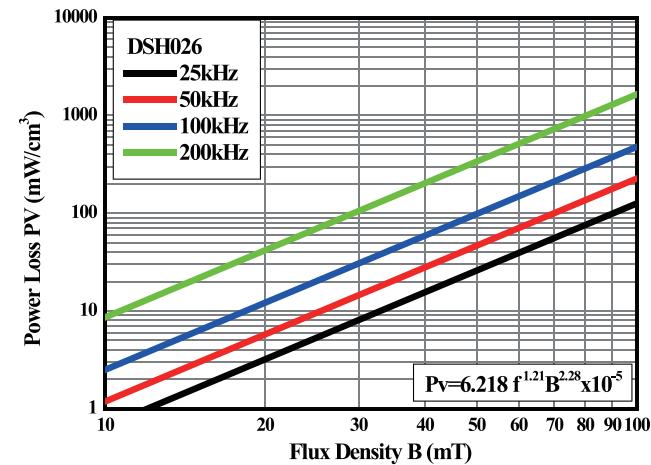
损耗曲线 · Loss curves

铁硅 DFG 环型 Mega-Flux Torroid



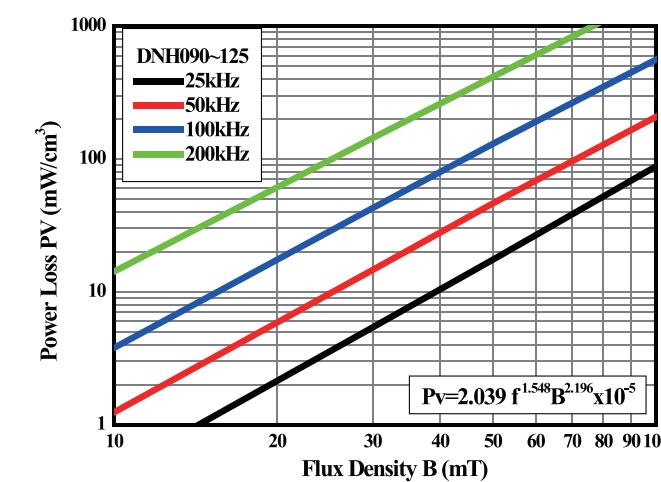
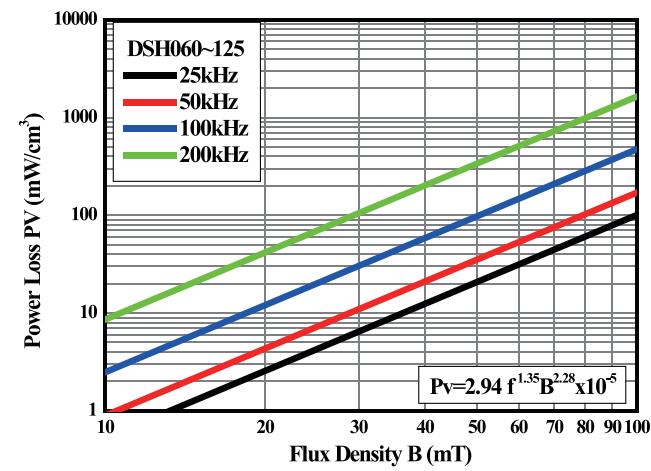
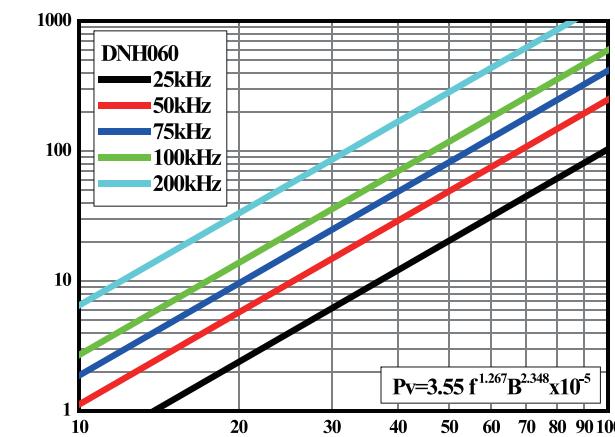
损耗曲线 · Loss curves

DSH 环型 DSH Torroid



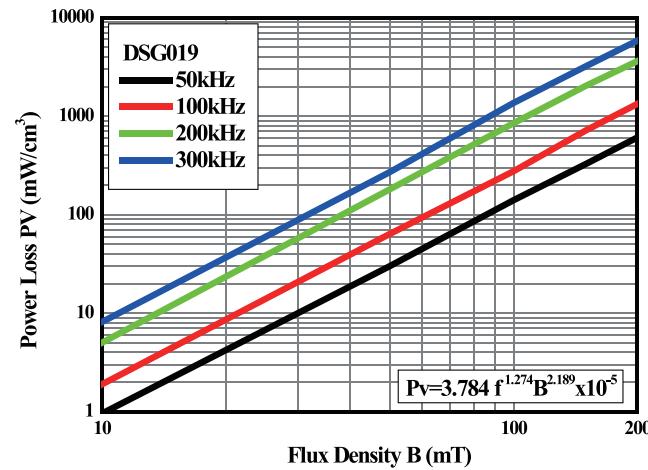
损耗曲线 · Loss curves

DNH 环型 DNH Torroid



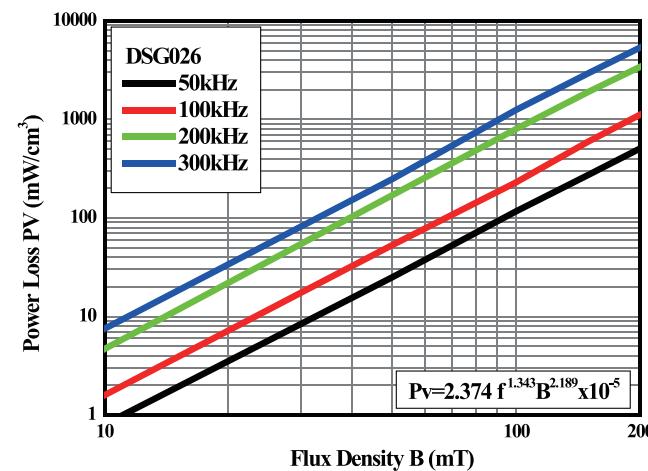
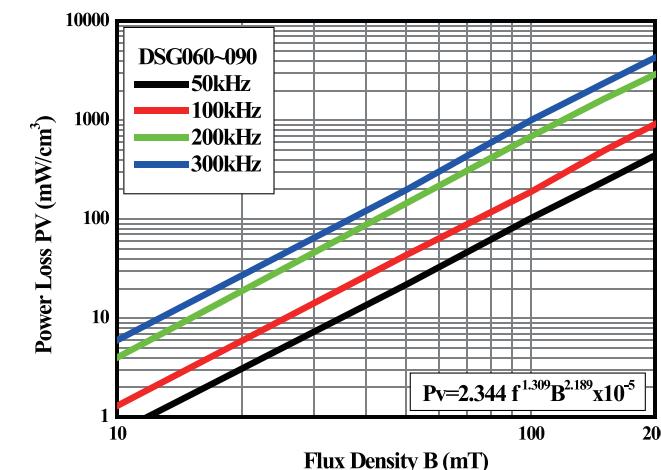
损耗曲线 · Loss curves

DSG 环型 DSG Torroid



损耗曲线 · Loss curves

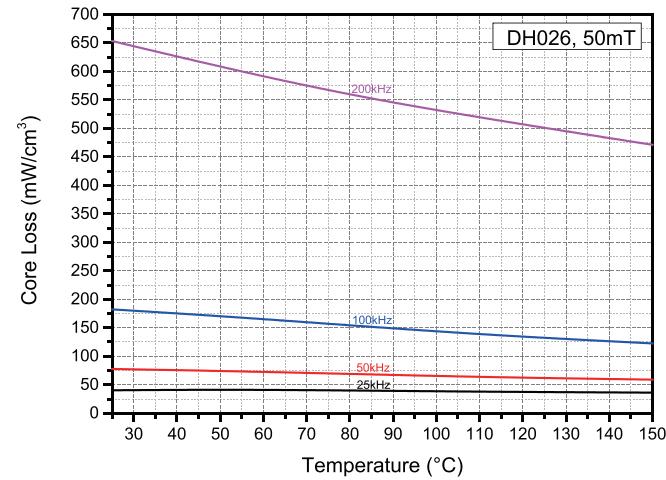
DSG 环型 DSG Torroid





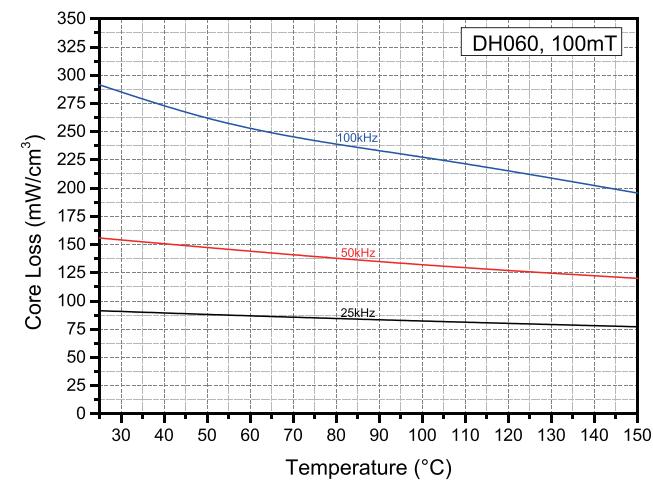
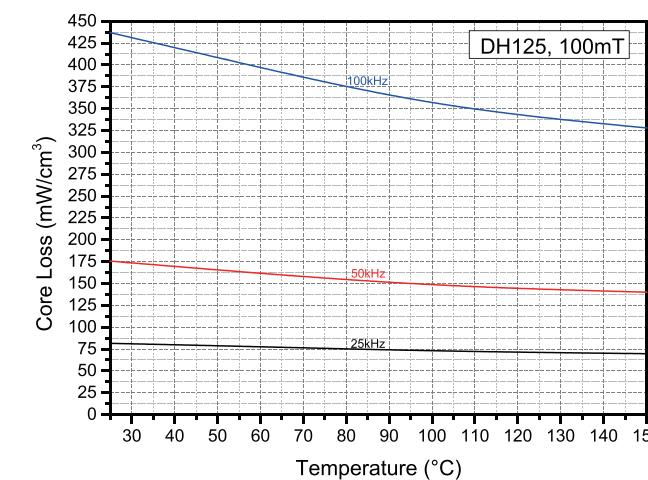
温度损耗曲线 · Temperature – loss curves

铁镍 DH 环型 High Flux Torroid



温度损耗曲线 · Temperature – loss curves

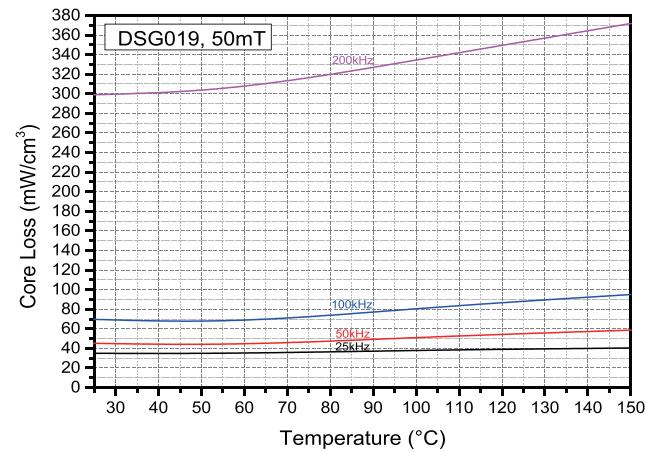
铁镍 DH 环型 High Flux Torroid





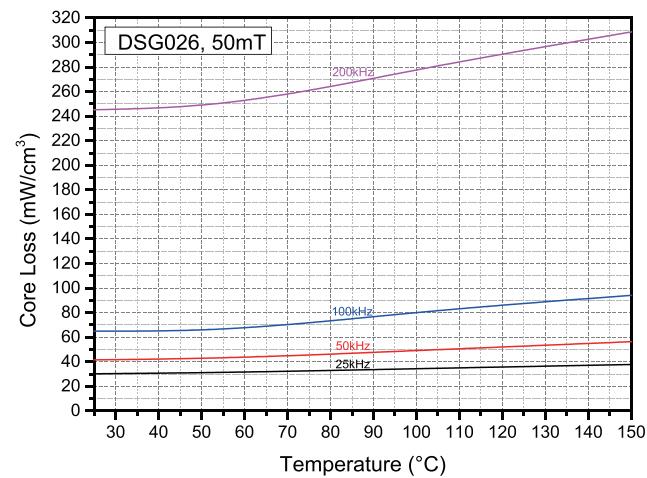
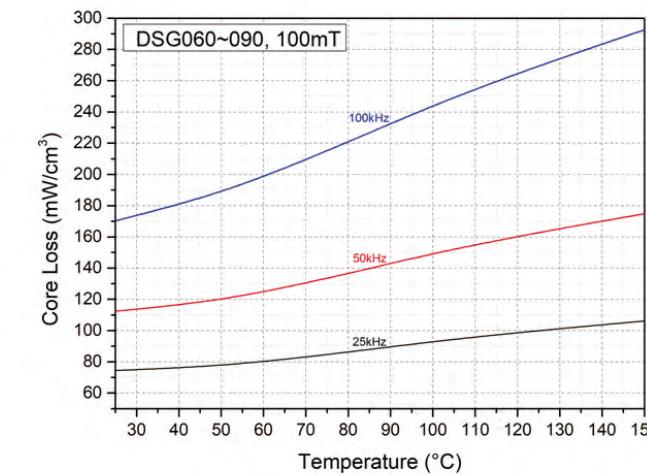
温度损耗曲线 · Temperature – loss curves

DSG 环型 DSG Toroid



温度损耗曲线 · Temperature – loss curves

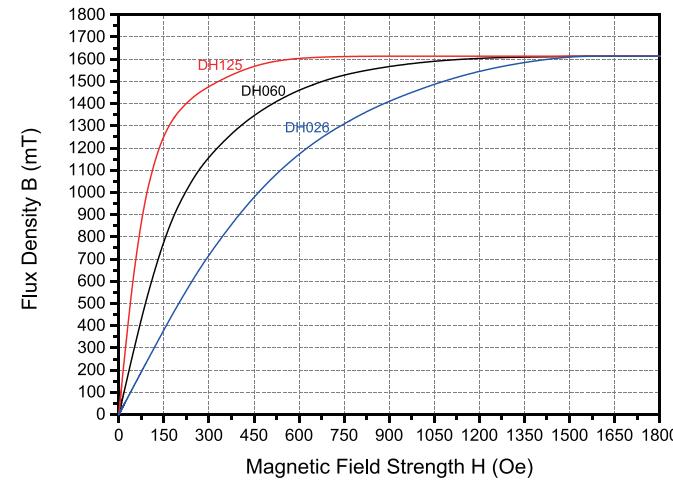
DSG 环型 DSG Toroid





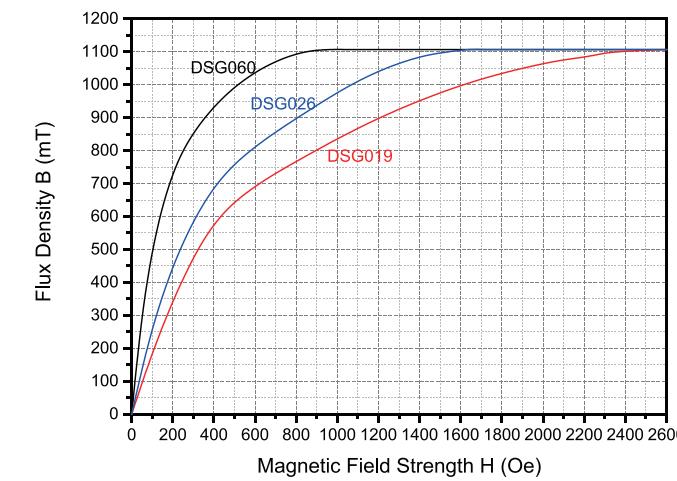
磁化曲线 · B – H curves

铁镍 DH 环型 High Flux Toroid



磁化曲线 · B – H curves

铁硅铝 DSG 环型 DSG Toroid





环形磁芯 · Toroid cores

型号 Type	尺寸 Dimensions(mm)						截面积 Ae (cm ²)	磁路 le (cm)	体积 Ve (cm ³)			
	喷涂前 before coating			喷涂后 after coating								
	OD max	ID min	HT max	OD max	ID min	HT max						
D□035□□□	3.56	1.78	1.52	4.19	1.27	2.16	0.0137	0.817	0.0107			
D□047□□□A	4.58	2.40	0.82	4.70	2.26	0.95	0.0116	1.093	0.0127			
D□047□□□B	4.65	2.36	2.54	4.85	2.16	2.74	0.0285	1.06	0.029			
D□063□□□	6.35	2.80	2.79	6.99	2.29	3.43	0.047	1.361	0.064			
D□068□□□	6.86	3.96	5.08	7.50	3.46	5.72	0.0725	1.65	0.1196			
D□078□□□	7.87	3.96	3.18	8.51	3.43	3.82	0.0615	1.787	0.1099			
D□097□□□	9.65	4.78	3.18	10.29	4.27	3.81	0.0752	2.18	0.1639			
D□102□□□	10.20	5.08	3.96	10.80	4.57	4.57	0.1000	2.38	0.238			
D□112□□□	11.20	6.35	3.96	11.89	5.89	4.57	0.0906	2.69	0.244			
D□127□□□	12.70	7.62	4.75	13.50	7.00	5.45	0.114	3.12	0.356			
D□166□□□	16.50	10.20	6.35	17.40	9.50	7.10	0.192	4.11	0.789			
D□173□□□	17.30	9.65	6.35	18.00	9.00	7.10	0.232	4.14	0.96			
D□203□□□	20.30	12.70	6.35	21.10	12.10	7.10	0.226	5.09	1.15			
D□229□□□	22.90	14.00	7.62	23.60	13.40	8.37	0.331	5.67	1.88			
D□234□□□C	23.40	14.40	8.89	24.30	13.77	9.70	0.388	5.88	2.28			
D□236□□□	23.60	14.40	8.89	24.30	13.70	9.70	0.388	5.88	2.28			
D□236□□□C14	23.60	14.4	14.24	24.3	13.7	15.00	0.62	5.88	3.64			
D□236□□□C18	23.60	14.4	18.24	24.3	13.7	19.00	0.795	5.88	4.67			
D□269□□□A	26.92	15.20	11.90	27.22	14.95	12.20	0.679	6.27	4.26			
D□270□□□	26.90	14.70	11.20	27.60	14.10	11.90	0.654	6.35	4.15			

注：前面的□为材质代码，如S、FG、M、H等；

后面的□□□表示磁导率，如磁导率为60，则表示为060；磁导率为125，则表示为125。

环形磁芯 · Toroid cores

型号 Type	尺寸 Dimensions(mm)						截面积 Ae (cm ²)	磁路 le (cm)	体积 Ve (cm ³)			
	喷涂前 before coating			喷涂后 after coating								
	OD max	ID min	HT max	OD max	ID min	HT max						
D□270□□□A13	26.90	14.70	13.00	27.60	14.10	14.00	0.76	6.35	4.826			
D□270□□□A14	26.90	14.70	14.24	27.60	14.10	15.00	0.817	6.35	5.188			
D□270□□□A18	26.90	14.70	18.24	27.60	14.10	19.00	1.05	6.35	6.67			
D□330□□□	33.00	19.90	10.70	33.80	19.30	11.60	0.672	8.15	5.48			
D□358□□□	35.80	22.40	10.46	36.71	21.50	11.26	0.678	8.98	6.09			
D□384□□□	38.40	21.50	8.26	39.40	20.86	9.02	0.657	9.38	6.16			
D□384□□□B	38.40	21.50	7.00	39.30	20.60	7.00	0.575	8.9	5.12			
D□384□□□C	37.40	16.00	7.50	38.40	15.20	8.00	0.756	7.46	5.64			
D□400□□□	39.90	24.10	14.48	40.70	23.30	15.38	1.072	9.84	10.55			
D□401□□□A	40.13	22.08	17.00	40.94	21.27	17.89	1.54	9.51	15.04			
D□467□□□	46.70	24.10	18.00	47.64	23.32	18.92	1.99	10.74	21.37			
D□468□□□	46.70	28.70	15.20	47.64	27.92	16.12	1.34	11.63	15.58			
D□508□□□	50.80	31.80	13.45	51.80	30.80	14.40	1.251	12.73	15.93			
D□508□□□A	50.80	24.10	22.20	51.70	23.20	23.20	2.83	10.7	30.281			
D□571□□□	57.20	26.40	15.20	58.00	25.60	16.00	2.29	12.5	28.62			
D□572□□□	57.20	35.60	13.95	58.02	34.74	14.86	1.444	14.3	20.65			
D□610□□□	62.00	32.50	25.00	63.10	31.37	26.20	3.675	14.37	52.81			
D□740□□□	74.10	45.30	35.00	75.20	44.07	36.27	5.04	18.38	92.64			
D□778□□□	77.80	49.23	12.70	78.90	48.00	13.97	1.77	20	34.77			

注：前面的□为材质代码，如S、FG、M、H等；

后面的□□□表示磁导率，如磁导率为60，则表示为060；磁导率为125，则表示为125。



D□035

		Core Dimensions			
		OD (mm)	ID (mm)	HT (mm)	
Before coating		3.56 ^{+0.63} _{-0.1}	1.78 ^{+0.1} _{-0.51}	1.52 ^{+0.64} _{-0.15}	
After coating		4.19 max	1.27 min	2.16 max	
Core Parameter					
Ae (cm ²)		le (cm)	Ve (cm ³)		
0.0137		0.817	0.0107		

Cores

Part No.						Perm.	AL
铁硅铝 Sendust DS	铁镍 High Flux DH	铁镍钼 MPP DM	铁硅 Ma-Flux DFG	多元合金Multi-Alloy		μ	nH/N ²
				DSH	DNH	DSG	
✓	✓	✓	✓	✓	✓	✓	26 5
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60 13
✓	-	-	✓	✓	-	✓	75 16
✓	-	-	✓	✓	-	✓	90 19
✓	✓	✓	-	✓	✓	-	125 26
-	✓	✓	-	-	-	-	160 33
-	-	✓	-	-	-	-	200 43
-	-	✓	-	-	-	-	300 64

D□047A

		Core Dimensions			
		OD (mm)	ID (mm)	HT (mm)	
Before coating		4.58±0.05	2.40±0.05	0.82±0.05	
After coating		4.70max	2.26 min	0.95 max	
Core Parameter					
Ae (cm ²)		le (cm)	Ve (cm ³)		
0.0116		1.093	0.0127		

Cores

Part No.							Perm.	AL
铁硅铝 Sendust DS	铁镍 High Flux DH	铁镍钼 MPP DM	铁硅 Ma-Flux DFG	多元合金Multi-Alloy			μ	nH/N ²
				DSH	DNH	DSG		
✓	✓	✓	✓	✓	✓	✓	26	3
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60	7
✓	-	-	✓	✓	-	✓	75	9
✓	-	-	✓	✓	-	✓	90	11
✓	✓	✓	-	✓	✓	-	125	15
-	✓	✓	-	-	-	-	160	19
-	-	✓	-	-	-	-	200	24
-	-	✓	-	-	-	-	300	36



D□047A2.5

Core Dimensions				
	OD (mm)	ID (mm)	HT (mm)	
Before coating	4.65 ^{+0.63} _{-0.1}	2.36 ^{+0.1} _{-0.51}	2.54 ^{+0.64} _{-0.15}	
After coating	4.85max	2.16 min	2.74 max	
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
0.0285	1.06	0.029		

Cores

Part No.						Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy		μ	nH/N ²
DS	DH	DM	DFG	DSH	DNH		
✓	✓	✓	✓	✓	✓	✓	26
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60
✓	-	-	✓	✓	-	✓	75
✓	-	-	✓	✓	-	✓	90
✓	✓	✓	-	✓	✓	-	125
-	✓	✓	-	-	-	-	160
-	-	✓	-	-	-	-	200
-	-	✓	-	-	-	-	300
							100

D□063

Core Dimensions				
	OD (mm)	ID (mm)	HT (mm)	
Before coating	6.36 ^{+0.63} _{-0.1}	2.80 ^{+0.1} _{-0.51}	2.79 ^{+0.64} _{-0.15}	
After coating	6.99 max	2.29 min	3.43 max	
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
0.047	1.361	0.064		

Cores

Part No.							Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy			μ	nH/N ²
DS	DH	DM	DFG	DSH	DNH	DSG		
✓	✓	✓	✓	✓	✓	✓	26	10
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60	24
✓	-	-	✓	✓	-	✓	75	30
✓	-	-	✓	✓	-	✓	90	36
✓	✓	✓	-	✓	✓	-	125	50
-	✓	✓	-	-	-	-	160	64
-	-	✓	-	-	-	-	200	80
-	-	✓	-	-	-	-	300	120



D□068

Core Dimensions				
	OD (mm)	ID (mm)	HT (mm)	
Before coating	6.86 ^{+0.63} _{-0.1}	3.96 ^{+0.1} _{-0.51}	5.08 ^{+0.64} _{-0.15}	
After coating	7.50max	3.46 min	5.72 max	
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
0.0725	1.65	0.1196		

Cores

Part No.						Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy		μ	nH/N ²
				DSH	DNH		
✓	✓	✓	✓	✓	✓	26	14
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	60	33
✓	-	-	✓	✓	-	75	42
✓	-	-	✓	✓	-	90	50
✓	✓	✓	-	✓	✓	125	70
-	✓	✓	-	-	-	160	90
-	-	✓	-	-	-	200	112
-	-	✓	-	-	-	300	168

D□078

Core Dimensions				
	OD (mm)	ID (mm)	HT (mm)	
Before coating	7.87 ^{+0.63} _{-0.1}	3.96 ^{+0.1} _{-0.51}	3.18 ^{+0.64} _{-0.15}	
After coating	8.51max	3.43 min	3.82 max	
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
0.0615	1.787	0.1099		

Cores

Part No.							Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy			μ	nH/N ²
				DSH	DNH	DSG		
✓	✓	✓	✓	✓	✓	✓	26	12
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60	25
✓	-	-	✓	-	✓	-	75	31
✓	-	-	✓	✓	✓	-	90	37
✓	✓	✓	✓	-	✓	✓	125	52
-	✓	✓	✓	-	-	-	160	67
-	-	✓	-	-	-	-	200	83
-	-	✓	-	-	-	-	300	124



D□097

Core Dimensions				
	OD (mm)	ID (mm)	HT (mm)	
Before coating	9.65 ^{+0.63} _{-0.1}	4.78 ^{+0.1} _{-0.51}	3.18 ^{+0.64} _{-0.15}	
After coating	10.29max	4.27 min	3.81 max	
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
0.0752	2.18	0.1639		

Cores

Part No.							Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy	μ	nH/N ²		
DS	DH	DM	DFG	DSH DNH DSG				
✓	✓	✓	✓	✓ ✓ ✓	26	12		
✓	✓ (DH/T)	✓	✓	✓ (DSH/D) ✓ (DSG/T)	60	25		
✓	-	-	✓	✓ - ✓	75	32		
✓	-	-	✓	✓ - ✓	90	38		
✓	✓	✓	-	✓ ✓ -	125	53		
-	✓	✓	-	- - -	160	68		
-	-	✓	-	- - -	200	85		
-	-	✓	-	- - -	300	128		

D□102

Core Dimensions				
	OD (mm)	ID (mm)	HT (mm)	
Before coating	10.20 ^{+0.63} _{-0.1}	5.08 ^{+0.1} _{-0.51}	3.96 ^{+0.64} _{-0.15}	
After coating	10.80max	4.57 min	4.57 max	
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
0.1	2.38	0.238		

Cores

Part No.							Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy	μ	nH/N ²		
DS	DH	DM	DFG	DSH DNH DSG				
✓	✓	✓	✓	✓ ✓ ✓	26	14		
✓	✓ (DH/T)	✓	✓	✓ (DSH/D) ✓ (DSG/T)	60	32		
✓	-	-	✓	✓ - ✓	75	40		
✓	-	-	✓	✓ - ✓	90	48		
✓	✓	✓	-	✓ ✓ -	125	66		
-	✓	✓	-	- - -	160	84		
-	-	✓	-	- - -	200	107		
-	-	✓	-	- - -	300	160		



D□112

Core Dimensions				
	OD (mm)	ID (mm)	HT (mm)	
Before coating	11.20 ^{+0.63} _{-0.1}	6.35 ^{+0.1} _{-0.51}	3.96 ^{+0.64} _{-0.15}	
After coating	11.89max	5.89 min	4.57 max	
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
0.0906	2.69	0.244		

Cores

Part No.							Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy			μ	nH/N ²
DS	DH	DM	DFG	DSH	DNH	DSG		
✓	✓	✓	✓	✓	✓	✓	26	12
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60	26
✓	-	-	✓	✓	-	✓	75	32
✓	-	-	✓	✓	-	✓	90	38
✓	✓	✓	-	✓	✓	-	125	53
-	✓	✓	-	-	-	-	160	68
-	-	✓	-	-	-	-	200	85
-	-	✓	-	-	-	-	300	128

D□127

Core Dimensions				
	OD (mm)	ID (mm)	HT (mm)	
Before coating	12.70 ^{+0.76} _{-0.1}	7.62 ^{+0.1} _{-0.64}	4.75 ^{+0.76} _{-0.15}	
After coating	13.5max	7.00 min	5.45 max	
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
0.114	3.12	0.356		

Cores

Part No.							Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy			μ	nH/N ²
DS	DH	DM	DFG	DSH	DNH	DSG		
✓	✓	✓	✓	✓	✓	✓	26	13
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60	27
✓	-	-	✓	✓	✓	-	75	34
✓	-	-	✓	✓	✓	-	90	40
✓	✓	✓	-	-	✓	✓	125	56
-	✓	✓	-	-	-	-	160	72
-	-	✓	-	-	-	-	200	91
-	-	✓	-	-	-	-	300	136



D□166

		Core Dimensions		
		OD (mm)	ID (mm)	HT (mm)
Before coating	16. 50 ^{+0.9} _{-0.1}	10. 20 ^{+0.1} _{-0.67}	6. 35 ^{+0.76} _{-0.15}	
After coating	17. 4max	9. 50 min	7. 10 max	
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
0. 192	4. 11	0. 789		

Cores

Part No.						Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy		μ	nH/N ²
DS	DH	DM	DFG	DSH	DNH	DSG	
✓	✓	✓	✓	✓	✓	✓	26 16
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60 35
✓	-	-	✓	✓	-	✓	75 43
✓	-	-	✓	✓	-	✓	90 52
✓	✓	✓	-	✓	✓	-	125 72
-	✓	✓	-	-	-	-	160 92
-	-	✓	-	-	-	-	200 115
-	-	✓	-	-	-	-	300 172

D□173

		Core Dimensions		
		OD (mm)	ID (mm)	HT (mm)
Before coating	17. 30 ^{+0.73} _{-0.1}	9. 65 ^{+0.1} _{-0.63}	6. 35 ^{+0.76} _{-0.2}	
After coating	18. 0max	9. 00 min	7. 12 max	
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
0. 232	4. 14	0. 96		

Cores

Part No.							Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy		μ	nH/N ²	
DS	DH	DM	DFG	DSH	DNH	DSG		
✓	✓	✓	✓	✓	✓	✓	26 20	
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60 43	
✓	-	-	✓	✓	✓	-	75 53	
✓	-	-	✓	✓	✓	-	90 64	
✓	✓	✓	✓	-	✓	✓	125 89	
-	✓	✓	✓	-	-	-	160 114	
-	-	✓	✓	-	-	-	200 141	
-	-	✓	✓	-	-	-	300 212	



D□203

		Core Dimensions		
		OD (mm)	ID (mm)	HT (mm)
Before coating	20. 30 ^{+0.8} _{-0.2}	12. 70 ^{+0.2} _{-0.63}	6. 35 ^{+0.76} _{-0.2}	
After coating	21. 10max	12. 10 min	7. 10 max	
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
0. 226	5. 09	1. 15		

Cores

Part No.						Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy		μ	nH/N ²
DS	DH	DM	DFG	DSH	DNH	DSG	
✓	✓	✓	✓	✓	✓	✓	26 14
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60 32
✓	-	-	✓	✓	-	✓	75 41
✓	-	-	✓	✓	-	✓	90 49
✓	✓	✓	-	✓	✓	-	125 68
-	✓	✓	-	-	-	-	160 87
-	-	✓	-	-	-	-	200 109
-	-	✓	-	-	-	-	300 164

D□229

		Core Dimensions		
		OD (mm)	ID (mm)	HT (mm)
Before coating	22. 90 ^{+0.8} _{-0.2}	14. 00 ^{+0.2} _{-0.63}	7. 62 ^{+0.76} _{-0.2}	
After coating	23. 60max	13. 40 min	8. 37 max	
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
0. 331	5. 67	1. 88		

Cores

Part No.						Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy		μ	nH/N ²
DS	DH	DM	DFG	DSH	DNH	DSG	
✓	✓	✓	✓	✓	✓	✓	26 19
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60 43
✓	-	-	✓	✓	✓	-	75 54
✓	-	-	✓	✓	✓	-	90 65
✓	✓	✓	-	✓	✓	✓	125 90
-	✓	✓	-	-	-	-	160 115
-	-	✓	-	-	-	-	200 144
-	-	✓	-	-	-	-	300 216



D□234

		Core Dimensions		
	OD (mm)	ID (mm)	HT (mm)	
Before coating	23.4max	14.4 min	8.89 max	
After coating	24.3max	13.77 min	9.7 max	
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
0.388	5.88	2.28		

Cores

Part No.					Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy	μ	nH/N ²
DS	DH	DM	DFG	DSH DNH DSG		
✓	✓	✓	✓	✓ ✓	26	22
✓	✓ (DH/T)	✓	✓	✓ (DSH/D) ✓ (DSG/T)	60	51
✓	-	-	✓	✓ - ✓	75	63
✓	-	-	✓	✓ - ✓	90	76
✓	✓	✓	-	✓ ✓ -	125	105
-	✓	✓	-	- - -	160	134
-	-	✓	-	- - -	200	168
-	-	✓	-	- - -	300	252

D□236

		Core Dimensions		
	OD (mm)	ID (mm)	HT (mm)	
Before coating	23.6 ^{+0.8} _{-0.2}	14.4 ^{+0.2} _{-0.63}	8.89 ^{+0.76} _{-0.2}	
After coating	24.3max	13.7 min	9.7 max	
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
0.388	5.88	2.28		

Cores

Part No.							Perm.	AL	
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy					
DS	DH	DM	DFG	DSH DNH DSG	DSH	DNH	DSG	μ	nH/N ²
✓	✓	✓	✓	✓ ✓	✓	✓	✓	26	22
✓	✓ (DH/T)	✓	✓	✓ (DSH/D) ✓ (DSG/T)	✓ (DSH/D)	✓	✓ (DSG/T)	60	51
✓	-	-	✓	✓ - ✓	✓	-	✓	75	63
✓	-	-	✓	✓ - ✓	✓	-	✓	90	76
✓	✓	✓	-	✓ ✓ -	✓	✓	-	125	105
-	✓	✓	-	- - -	-	-	-	160	134
-	-	✓	-	- - -	-	-	-	200	168
-	-	✓	-	- - -	-	-	-	300	252



D□236 A14

		Core Dimensions		
		OD (mm)	ID (mm)	HT (mm)
Before coating		23.6 ^{+0.8} _{-0.2}	14.4 ^{+0.2} _{-0.63}	14.24 ^{+0.76} _{-0.2}
After coating		24.3max	13.7 min	15 max
Core Parameter				
Ae (cm ²)	Ae (cm ²)	Ae (cm ²)		
0.62	5.88	3.64		

Cores

Part No.						Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy		μ	nH/N ²
DS	DH	DM	DFG	DSH	DNH		
✓	✓	✓	✓	✓	✓	✓	26
							35
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60
							82
✓	-	-	✓	✓	-	✓	75
							101
✓	-	-	✓	✓	-	✓	90
							121
✓	✓	✓	-	✓	✓	-	125
							168
-	✓	✓	-	-	-	-	160
							214
-	-	✓	-	-	-	-	200
							269
-	-	✓	-	-	-	-	300
							403

D□236 A18

		Core Dimensions		
		OD (mm)	ID (mm)	HT (mm)
Before coating		23.6 ^{+0.8} _{-0.2}	14.4 ^{+0.2} _{-0.63}	18.24 ^{+0.76} _{-0.2}
After coating		24.3max	13.7 min	19 max
Core Parameter				
Ae (cm ²)	Ae (cm ²)	Ae (cm ²)		
0.795	5.88	4.67		

Cores

Part No.							Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy			μ	nH/N ²
DS	DH	DM	DFG	DSH	DNH	DSG		
✓	✓	✓	✓	✓	✓	✓	26	45
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60	104
✓	-	-	✓	✓	-	✓	75	129
✓	-	-	✓	✓	✓	-	90	156
✓	✓	✓	-	-	✓	✓	125	215
-	✓	✓	-	-	-	-	160	275
-	-	✓	-	-	-	-	200	344
-	-	✓	-	-	-	-	300	516



D□270

		Core Dimensions			
		OD (mm)	ID (mm)	HT (mm)	
Before coating		26.90 ^{+0.8} _{-0.2}	14.70 ^{+0.2} _{-0.63}	11.20 ^{+0.76} _{-0.2}	
After coating		27.60max	14.10 min	11.90 max	
Core Parameter					
Ae (cm ²)	le (cm)	Ve (cm ³)			
0.654	6.35	4.15			

Cores

Part No.							Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy			μ	nH/N ²
DS	DH	DM	DFG	DSH	DNH	DSG		
✓	✓	✓	✓	✓	✓	✓	26	32
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60	75
✓	-	-	✓	✓	-	✓	75	94
✓	-	-	✓	✓	-	✓	90	113
✓	✓	✓	-	✓	✓	-	125	157
-	✓	✓	-	-	-	-	160	201
-	-	✓	-	-	-	-	200	251
-	-	✓	-	-	-	-	300	376

D□270 A13

		Core Dimensions			
		OD (mm)	ID (mm)	HT (mm)	
Before coating		26.9 ^{+0.8} _{-0.2}	14.7 ^{+0.2} _{-0.63}	13.0 ^{+1.0} _{-0.2}	
After coating		27.6max	14.1 min	14.0 max	
Core Parameter					
Ae (cm ²)	le (cm)	Ve (cm ³)			
0.76	6.35	4.826			

Cores

Part No.							Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy			μ	nH/N ²
DS	DH	DM	DFG	DSH	DNH	DSG		
✓	✓	✓	✓	✓	✓	✓	26	37
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60	87
✓	-	-	✓	✓	-	✓	75	109
✓	-	-	✓	✓	✓	-	90	131
✓	✓	✓	-	-	✓	✓	125	182
-	✓	✓	-	-	-	-	160	233
-	-	✓	-	-	-	-	200	291
-	-	✓	-	-	-	-	300	436



D□270 A14

		Core Dimensions		
	OD (mm)	ID (mm)	HT (mm)	
Before coating	26.9 ^{+0.8} _{-0.2}	14.7 ^{+0.2} _{-0.63}	14.0 ^{+1.0} _{-0.2}	
After coating	27.6max	14.1 min	15.0 max	
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
0.817	6.35	5.188		

Cores

Part No.						Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy			
DS	DH	DM	DFG	DSH	DNH	DSG	
✓	✓	✓	✓	✓	✓	✓	26 40
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60 94
✓	-	-	✓	✓	-	✓	75 118
✓	-	-	✓	✓	-	✓	90 141
✓	✓	✓	-	✓	✓	-	125 196
-	✓	✓	-	-	-	-	160 251
-	-	✓	-	-	-	-	200 314
-	-	✓	-	-	-	-	300 471

D□270 A18

		Core Dimensions		
	OD (mm)	ID (mm)	HT (mm)	
Before coating	26.9 ^{+0.8} _{-0.2}	14.7 ^{+0.2} _{-0.63}	18.0 ^{+1.0} _{-0.2}	
After coating	27.6max	14.1 min	19.0 max	
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
1.05	6.35	6.67		

Cores

Part No.							Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy				
DS	DH	DM	DFG	DSH	DNH	DSG		
✓	✓	✓	✓	✓	✓	✓	26	51
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60	120
✓	-	-	✓	✓	-	✓	75	150
✓	-	-	✓	✓	✓	-	90	180
✓	✓	✓	-	✓	✓	✓	125	250
-	✓	✓	-	-	-	-	160	320
-	-	✓	-	-	-	-	200	401
-	-	✓	-	-	-	-	300	601



D□330

		Core Dimensions		
	OD (mm)	ID (mm)	HT (mm)	
Before coating	33.0 ^{+0.8} _{-0.2}	19.9 ^{+0.2} _{-0.63}	10.7 ^{+0.76} _{-0.2}	
After coating	33.8max	19.3 min	11.6 max	
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
0.672	8.15	5.48		

Cores

Part No.							Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy			μ	nH/N ²
DS	DH	DM	DFG	DSH	DNH	DSG		
✓	✓	✓	✓	✓	✓	✓	26	28
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60	61
✓	-	-	✓	✓	-	✓	75	76
✓	-	-	✓	✓	-	✓	90	91
✓	✓	✓	-	✓	✓	-	125	127
-	✓	✓	-	-	-	-	160	163
-	-	✓	-	-	-	-	200	203
-	-	✓	-	-	-	-	300	304

D□358

		Core Dimensions		
	OD (mm)	ID (mm)	HT (mm)	
Before coating	35.80 ^{+0.9} _{-0.2}	22.40 ^{+0.2} _{-0.9}	10.46 ^{+0.9} _{-0.2}	
After coating	36.71max	21.50 min	11.26 max	
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
0.678	8.98	6.09		

Cores

Part No.							Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy			μ	nH/N ²
DS	DH	DM	DFG	DSH	DNH	DSG		
✓	✓	✓	✓	✓	✓	✓	26	24
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60	56
✓	-	-	✓	✓	-	✓	75	70
✓	-	-	✓	✓	✓	-	90	84
✓	✓	✓	-	-	✓	✓	125	117
-	✓	✓	-	-	-	-	160	150
-	-	✓	-	-	-	-	200	187
-	-	✓	-	-	-	-	300	280



D□384

		Core Dimensions		
	OD (mm)	ID (mm)	HT (mm)	
Before coating	38. 40 ^{+0.9} _{-0.2}	21. 50 ^{+0.2} _{-0.9}	8. 26 ^{+0.9} _{-0.3}	
After coating	39. 40max	20. 86min	9. 02 max	
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
0. 657	9. 38	6. 16		

Cores

Part No.							Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy			μ	nH/N ²
DS	DH	DM	DFG	DSH	DNH	DSG		
✓	✓	✓	✓	✓	✓	✓	26	23
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60	53
✓	-	-	✓	✓	-	✓	75	66
✓	-	-	✓	✓	-	✓	90	79
✓	✓	✓	-	✓	✓	-	125	110
-	✓	✓	-	-	-	-	160	141
-	-	✓	-	-	-	-	200	176
-	-	✓	-	-	-	-	300	264

D□400

		Core Dimensions		
	OD (mm)	ID (mm)	HT (mm)	
Before coating	39. 90 ^{+0.9} _{-0.2}	24. 10 ^{+0.2} _{-0.9}	14. 48 ^{+0.9} _{-0.3}	
After coating	40. 70max	23. 30 min	15. 38 max	
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
1. 072	9. 84	10. 55		

Cores

Part No.							Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy			μ	nH/N ²
DS	DH	DM	DFG	DSH	DNH	DSG		
✓	✓	✓	✓	✓	✓	✓	26	35
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60	81
✓	-	-	✓	✓	✓	-	75	101
✓	-	-	✓	✓	✓	-	90	121
✓	✓	✓	✓	-	✓	✓	-	125
-	✓	✓	-	-	-	-	-	160
-	-	✓	-	-	-	-	-	200
-	-	✓	-	-	-	-	-	300
-	-	✓	-	-	-	-	-	404



D□467A

Core Dimensions				
	OD (mm)	ID (mm)	HT (mm)	
Before coating	46.70 ^{+0.9} _{-0.2}	24.10 ^{+0.2} _{-0.9}	18.00 ^{+0.9} _{-0.3}	
After coating	47.64max	23.32 min	18.92 max	
Core Parameter				
Ae (cm ²)	1e (cm)	Ve (cm ³)		
1.99	10.74	21.37		

Cores

Part No.					Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy	μ	nH/N ²
DS	DH	DM	DFG	DSH DNH DSG		
✓	✓	✓	✓	✓ ✓ ✓	26	59
✓	✓ (DH/T)	✓	✓	✓ (DSH/D) ✓ (DSG/T)	60	135
✓	-	-	✓	✓ - ✓	75	169
✓	-	-	✓	✓ - ✓	90	202
✓	✓	✓	-	✓ ✓ -	125	281
-	✓	✓	-	- - -	160	360
-	-	✓	-	- - -	200	451
-	-	✓	-	- - -	300	676

D□467B

Core Dimensions				
	OD (mm)	ID (mm)	HT (mm)	
Before coating	46.70 ^{+0.9} _{-0.2}	28.70 ^{+0.2} _{-0.9}	15.20 ^{+0.9} _{-0.3}	
After coating	47.64max	27.92 min	16.12 max	
Core Parameter				
Ae (cm ²)	1e (cm)	Ve (cm ³)		
1.34	11.63	15.58		

Cores

Part No.							Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy	μ	nH/N ²		
DS	DH	DM	DFG	DSH DNH DSG				
✓	✓	✓	✓	✓ ✓ ✓	26	37		
✓	✓ (DH/T)	✓	✓	✓ (DSH/D) ✓ (DSG/T)	60	86		
✓	-	-	✓	✓ - ✓	75	107		
✓	-	-	✓	✓ - ✓	90	128		
✓	✓	✓	-	- ✓ ✓	125	178		
-	✓	✓	-	- - -	160	228		
-	-	✓	-	- - -	200	285		
-	-	✓	-	- - -	300	428		



D□508A

		Core Dimensions		
		OD (mm)	ID (mm)	HT (mm)
Before coating		50.80 ^{+0.9} _{-0.2}	31.80 ^{+0.2} _{-0.9}	13.45 ^{+0.9} _{-0.3}
After coating		51.80max	30.80 min	14.40 max
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
1.251	12.73	15.93		

Cores								
Part No.					Perm.	AL		
铁硅铝	铁镍	铁镍钼	铁硅	多元合金Multi-Alloy	μ	nH/N ²		
Sendust	High Flux	MPP	Ma-Flux	DSH				
DS	DH	DM	DFG	DSH	DNH	DSG		
✓	✓	✓	✓	✓	✓	✓	26	32
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60	73
✓	-	-	✓	✓	-	✓	75	91
✓	-	-	✓	✓	-	✓	90	109
✓	✓	✓	-	✓	✓	-	125	152
-	✓	✓	-	-	-	-	160	195
-	-	✓	-	-	-	-	200	243
-	-	✓	-	-	-	-	300	364

D□508B

		Core Dimensions		
		OD (mm)	ID (mm)	HT (mm)
Before coating		50.80 ^{+0.9} _{-0.2}	24.10 ^{+0.2} _{-0.9}	22.20 ^{+1.0} _{-0.3}
After coating		51.70max	23.20 min	23.20 max
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
2.83	10.7	30.281		

Cores								
Part No.					Perm.	AL		
铁硅铝	铁镍	铁镍钼	铁硅	多元合金Multi-Alloy	μ	nH/N ²		
Sendust	High Flux	MPP	Ma-Flux	DSH				
DS	DH	DM	DFG	DSH	DNH	DSG		
✓	✓	✓	✓	✓	✓	✓	26	91
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60	205
✓	-	-	✓	✓	✓	-	75	253
✓	-	-	✓	✓	✓	-	90	300
✓	✓	✓	-	-	✓	✓	125	407
-	✓	✓	-	-	-	-	160	521
-	-	✓	-	-	-	-	200	675
-	-	✓	-	-	-	-	300	1012



D□572A

		Core Dimensions		
		OD (mm)	ID (mm)	HT (mm)
Before coating		57.20 ^{+0.9} _{-0.2}	26.40 ^{+0.2} _{-0.9}	15.20 ^{+0.9} _{-0.3}
After coating		58.00max	25.60 min	16.00 max
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
2.29	12.5	28.62		

Cores

Part No.					Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy	μ	nH/N ²
DS	DH	DM	DFG	DSH	DNH	DSG
✓	✓	✓	✓	✓	✓	✓
26				26		65
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)
					60	138
✓	-	-	✓	✓	-	✓
75				75		172
✓	-	-	✓	✓	-	✓
90				90		207
✓	✓	✓	-	✓	✓	-
125				125		287
-	✓	✓	-	-	-	160
-	-	✓	-	-	-	367
-	-	✓	-	-	-	200
-	-	✓	-	-	-	459
-	-	✓	-	-	-	300
-	-	✓	-	-	-	688

D□572B

		Core Dimensions		
		OD (mm)	ID (mm)	HT (mm)
Before coating		57.20 ^{+0.9} _{-0.2}	35.60 ^{+0.2} _{-0.9}	13.95 ^{+0.9} _{-0.3}
After coating		58.02max	34.74 min	14.86 max
Core Parameter				
Ae (cm ²)	le (cm)	Ve (cm ³)		
1.444	14.3	20.65		

Cores

Part No.							Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy	μ	nH/N ²		
DS	DH	DM	DFG	DSH	DNH	DSG		
✓	✓	✓	✓	✓	✓	✓	26	33
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60	75
✓	-	-	✓	✓	-	✓	75	94
✓	-	-	✓	✓	✓	-	90	112
✓	✓	✓	-	-	✓	✓	125	156
-	✓	✓	-	-	-	-	160	200
-	-	✓	-	-	-	-	200	251
-	-	✓	-	-	-	-	300	376



D□610

		Core Dimensions			
		OD (mm)	ID (mm)	HT (mm)	
Before coating		62.00 ^{+1.1} _{-0.2}	32.50 ^{+0.2} _{-1.23}	25.00 ^{+1.27} _{-0.3}	
After coating		63.10max	31.37 min	26.20 max	
Core Parameter					
Ae (cm ²)	le (cm)	Ve (cm ³)			
3.675	14.37	52.81			

Cores

Part No.					Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy	μ	nH/N ²
DS	DH	DM	DFG	DSH DNH DSG		
✓	✓	✓	✓	✓ ✓ ✓	26	83
✓	✓ (DH/T)	✓	✓	✓ (DSH/D) ✓ (DSG/T)	60	192
✓	-	-	✓	✓ - ✓	75	240
✓	-	-	✓	✓ - ✓	90	288
✓	✓	✓	-	✓ ✓ -	125	400
-	✓	✓	-	- - -	160	512
-	-	✓	-	- - -	200	640
-	-	✓	-	- - -	300	960

D□740

		Core Dimensions			
		OD (mm)	ID (mm)	HT (mm)	
Before coating		74.10 ^{+1.1} _{-0.2}	45.30 ^{+0.2} _{-1.23}	35.00 ^{+1.27} _{-0.3}	
After coating		75.20max	44.07 min	36.27 max	
Core Parameter					
Ae (cm ²)	le (cm)	Ve (cm ³)			
5.04	18.38	92.64			

Cores

Part No.							Perm.	AL
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy	μ	nH/N ²		
DS	DH	DM	DFG	DSH DNH DSG				
✓	✓	✓	✓	✓ ✓ ✓	26	89		
✓	✓ (DH/T)	✓	✓	✓ (DSH/D) ✓ (DSG/T)	60	206		
✓	-	-	✓	✓ - ✓	75	257		
✓	-	-	✓	✓ - ✓	90	309		
✓	✓	✓	-	✓ ✓ -	125	429		
-	✓	✓	-	- - -	160	549		
-	-	✓	-	- - -	200	685		
-	-	✓	-	- - -	300	1028		

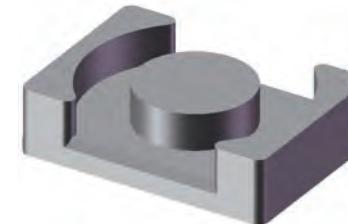
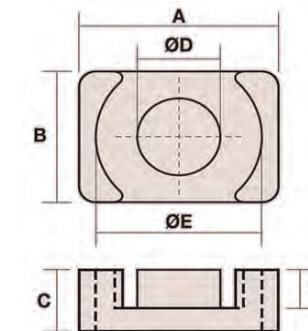


D□778

		Core Dimensions												
			OD (mm)	ID (mm)	HT (mm)									
Before coating		77.8 ^{+1.1} _{-0.2}	49.23 ^{+0.2} _{-1.23}	12.7 ^{+1.27} _{-0.3}										
After coating		78.9max	48.0 min	13.97 max										
Core Parameter														
Ae (cm ²)		le (cm)	Ve (cm ³)											
1.77		20	34.77											
Cores														
Part No.				Perm.	AL									
铁硅铝 Sendust	铁镍 High Flux	铁镍钼 MPP	铁硅 Ma-Flux	多元合金Multi-Alloy		μ	nH/N ²							
DS	DH	DM	DFG	DSH	DNH	DSG								
✓	✓	✓	✓	✓	✓	✓	26	30						
✓	✓ (DH/T)	✓	✓	✓ (DSH/D)	✓	✓ (DSG/T)	60	68						
✓	-	-	✓	✓	-	✓	75	85						
✓	-	-	✓	✓	-	✓	90	102						
✓	✓	✓	-	✓	✓	-	125	142						
-	✓	✓	-	-	-	-	160	182						
-	-	✓	-	-	-	-	200	227						
-	-	✓	-	-	-	-	300	340						

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DQ CORES



Type	Dimension (mm)						Le cm	Ae cm ²	Ve cm ³	AL (nH/N ²)		
	A	B	C	ΦD	ΦE	F				026 μ	040 μ	060 μ
DQ25A	25.0±0.3	14.0±0.2	4.3±0.15	8.8±0.2	21.0±0.3	2.0±0.15	3.12	0.638	1.966	50	80	120
DQ26.5A	26.5±0.3	19.0±0.2	6.85±0.15	12.0±0.2	22.6±0.3	3.85±0.2	4.34	1.198	5.199	112	170	225
DQ26.5B	26.5±0.3	19.0±0.2	5.10±0.2	12.0±0.2	22.6±0.3	1.8±0.15	3.47	1.198	4.157	112	170	225
DQ26.5C	26.5±0.3	19.0±0.2	10.1±0.2	12.0±0.2	22.6±0.3	6.8±0.3	4.11	1.198	4.924	95	145	215
DQ32A	32±0.4	22.0±0.3	10.3±0.2	13.5±0.2	27.6±0.3	6.6±0.3	6.03	1.523	9.184	83	127	190
DQ32A15	32±0.4	22.0±0.3	15.2±0.2	13.5±0.2	27.6±0.3	11.5±0.3	7.99	1.523	12.17	62	96	144
DQ32A11	32±0.4	22.0±0.3	11.2±0.2	13.5±0.2	27.6±0.3	7.5±0.15	4.89	1.523	7.447	100	155	230
DQ36A	36±0.5	26.0±0.3	9.1±0.3	14.4±0.2	32.0±0.3	5.1±0.3	5.78	1.98	11.45	110	170	255
DQ36A10	36±0.5	26.0±0.3	10.0±0.3	14.4±0.2	32.0±0.3	6.0±0.3	6.15	1.98	12.2	105	160	240
DQ41.5A	41.5±0.5	28.0±0.3	19.9±0.3	14.9±0.2	36.5±0.3	15.0±0.3	11.52	1.997	23.0	57	87	131
DQ50A	50±0.5	32.0±0.3	25.0±0.3	20.±0.2	44.0±0.3	19.5±0.3	13.34	3.141	41.9	77	118	178
DQ65A	65±0.5	42.0±0.3	30.0±0.3	26.0±0.2	57.2±0.3	22.8±0.3	16.53	5.309	87.76	105	161	242



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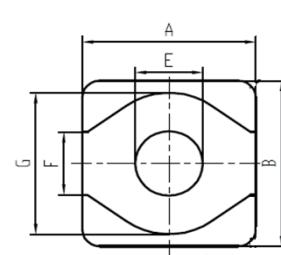


Figure 1

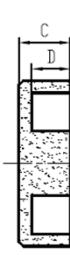
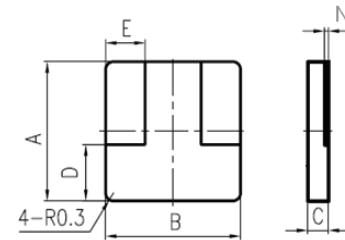


Figure B



异形磁芯 · Special Magnetic Powder Cores

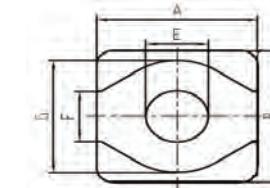
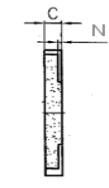


Figure 1



Figure C

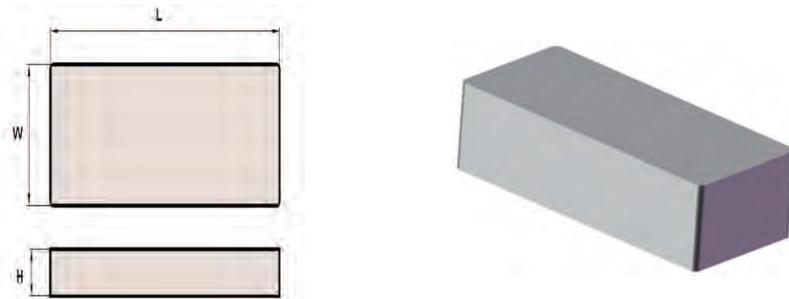


Type		Dimension (mm)							
		A	B	C	ΦD	ΦE	F	G	N
DQ6.5AC	E	6.5±0.15	6.5±0.15	2.7±0.10	1.75±0.1	2.7±0.1	2.3±0.2	5.2±0.15	-
	I	6.5±0.15	6.5±0.15	0.95±0.10	2.5±0.2-0	1.9±0.25	6.25±0.25	-	0.15±0.05
DQ7.6	E	7.5±0.1	7.4±0.1	3.7±0.1	2.8±0.1	3.1±0.1	2.85±0.1	5.2±0.15	-
	I	7.4±0.1	7.5±0.2	1.0±0.1	2.35±0.1	2.05±0.1	7.0±0.1	-	0.1±0.1
DQ12.8F	E	12.8±0.28	12.8±0.28	4.4±0.1	3.1±0.1	4.8±0.15	4.9±0.25	10.2±0.15	-
	I	12.8±0.28	12.1±0.3	1.4±0.1	4.0±0.25	3.3±0.25	-	-	0.35±0.05

Type		Dimension (mm)							
		A	B	C	ΦD	ΦE	F	G	N
DQ6.5B	E	6.5±0.10	6.5±0.10	2.10±0.10	1.4 min	2.50±0.10	3.20±0.15	5.55±0.1	-
	I	6.5±0.10	6.5±0.10	0.70±0.10	1.6±0.15	-	1.80±0.15	-	0.10±0.05
DQ10A	E	10.0±0.25	10.0±0.25	2.6±0.10	1.5±0.10	4.20±0.10	4.00±0.15	8.20±0.15	-
	I	10.0±0.25	10.0±0.25	1.1±0.10	2.50	-	3.00±0.15	0.25±0.05	-
DQ12.7	E	12.7±0.23	12.7±0.23	4.80±0.10	3.60±0.10	4.80±0.15	4.20±0.15	10.4±0.15	-
	I	12.7±0.23	12.7±0.23	1.20±0.10	3.3±0.15	-	4.20±0.15	-	0.25±0.05

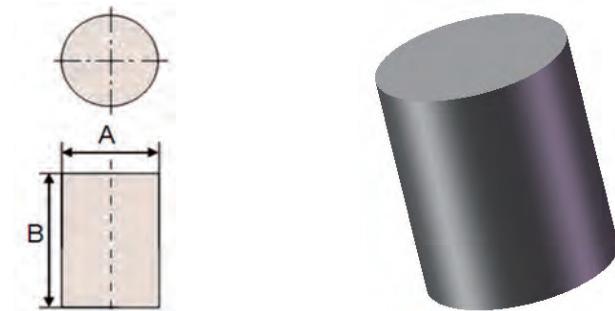


DFK CORES



Type	Dimensions (mm)		
	L	W	H
DFK10X3X0.65A	10±0.10	3.0±0.05	0.65±0.025
DFK10X3X0.7A	10±0.10	3.0±0.1	0.7±0.1
DFK17X9X6A	17±0.50	9.0±0.50	6.0±0.1
DFK17X9X10A	17±0.50	9.0±0.50	10±0.1
DFK24X10.6X1.25A	23.8±0.20	10.4±0.1	1.0±0.1
DFK34X3.9X3.7A	34±0.4	3.9±0.15	3.7±0.15
DFK34X32X10A	34.0±0.3	32.0±0.30	10.0±0.2
DFK34X32X9.3A	34.0±0.3	32.0±0.30	9.3±0.2
DFK 40×37×15A	40±0.25	37±0.25	15±0.25
DFK 49.5×37×15A	49.5±0.35	37.0±0.30	15.0±0.25
DFK 60×30×12A	60.0±0.40	30.0±0.40	12.0±0.4
DFK 60×30×15A	60.0±0.40	30.0±0.40	15.0±0.20
DFK 60×30×20A	60.0±0.40	30.0±0.40	20.0±0.30
DFK 60.4×30.2×15A	60.4±0.40	30.2±0.40	15.0±0.2
DFK 70×20×10A	70.7±0.50	20.0±0.30	10.0±0.30
DFK 70×20×20A	70.7±0.50	20.5±0.30	20.0±0.30
DFK 70×30×20A	70.0±0.40	30.0±0.50	20.0±0.40
DFK 80×20×20A	80.7±0.50	20.5±0.30	20.0±0.30
DFK 80×30×10A	80.0±0.50	30.0±0.30	10.0±0.30
DFK 80×30×20A	80.0±0.50	30.0±0.30	20.0±0.30
DFK 80×30×30A	80.0±0.50	30.0±0.30	30.0±0.30
DFK 80.5×30.3×20A	80.5±0.50	30.3±0.30	20.0±0.40

DP CORES



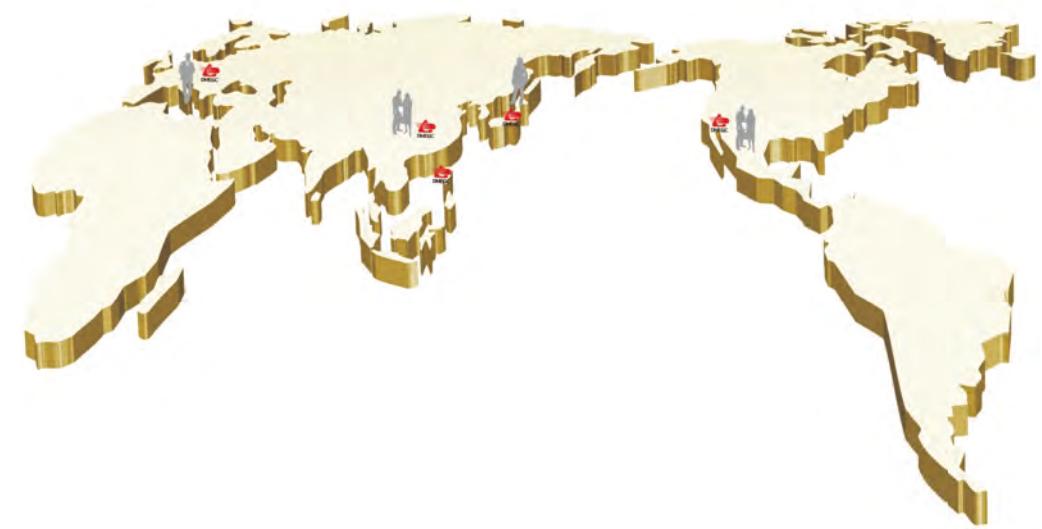
Type	Dimensions (mm)	
	A	B
DP17X15A	17±0.3	15±0.3
DP17X20A	17±0.3	20±0.3
DP17X25A	17±0.3	25±0.3
DP20X15A	20±0.3	15±0.3
DP20X20A	20±0.3	20±0.3
DP20X25A	20±0.3	25±0.3
DP24.1X18A	24.1 ^{+0.15} _{-0.4}	18±0.3
DP24.1X21A	24.1 ^{+0.15} _{-0.4}	21±0.3
DP24X15A	24±0.3	15±0.3
DP24X20A	24±0.3	20±0.3
DP24X25A	24±0.3	25±0.3
DP28X20A	28±0.3	20±0.3
DP28X25A	28±0.3	25±0.3
DP30X20A	30±0.3	20±0.3
DP30X20A	30±0.3	25±0.3
DP30X27.5A	30±0.3	27.5±0.3
DP35X20A	35±0.3	20±0.3
DP35X25A	35±0.3	25±0.3
DP40X25A	40±0.7	25±0.7
DP50X20B	50±0.3	20±0.3
DP50X30B	50±0.3	30±0.3
DP60X25A	60 Max	25±0.5



异形磁芯形状对应材料可行性参考表

Reference table for material feasibility of cores shape

Material	Perm.	FK	E	Q	P	U	TA
DS (Sendust)	026~060	○	○	○	○	○	○
	075	○	○	○	○	-	○
	125	○	○	-	○	○	○
DFG (Ma-Flux)	026~060	○	○	○	○	○	○
	075	○	-	○	-	-	-
	090	○	-	○	-		-
DH (High Flux)	026~060	○	○	○	○	○	○
	125	○	○	○	○	○	○
DSH/DNH (Multi-alloy)	026	○	○	○	-	-	-
	060	○	○	○	-	-	-



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